DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Tungsten

CONTROLLED DOCUMENT

DMA Docket No. 1522

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as
An exploration Project.

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	P.E. Div.	Date	11/26/51
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Acting Administrator, DMEA

April 4, 1952

Iron and Ferro-Alloy Division, DMEA

Denial of exploration project in the amount of $2,000.00
Docket No. DMA 1522X - Tungsten
Clyde Osborne and Dock Walker
Blue Moon Prospect
Tulare County, California

The subject application was denied by this Division for the following reasons:

1. A large mass of calc-silicate rock, containing small erratic deposits of tactite, occurs at the contact of grano-diorite and hornfels. The tactite masses are irregular, small and vaguely defined. The workings consist of a 20-foot shaft, an open cut and several small pits. About 300 tons of material have been excavated and the estimated production of ore therefrom is 3 tons containing 0.5 per cent WO_3.

2. The field team reports "the deposits are too small and erratic to warrant Government aid".

3. The Commodity Division of the U. S. Geological Survey concurs with the field team.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

QLBrewer'lm
4/4/52

cc: Admn. Reading File
Docket
G. C. Selfridge
Q. L. Brewer

400

APR 1 0 1952

Mr. Clyde Osborne
Mr. Dook Walker
Star Route No. 2
Springville, California

Re: Docket No. DMA 1522X - Tungsten
Blue Moon and Lucky Break Claims
Tulare County, California

Dear Sirs:

Your application for aid for an exploration project in conjunction with other reports relative to your claims has been carefully reviewed.

The information indicates that, geologically, there is little probability of making a significant mineral discovery. We regret therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program and for your patience and effort in this respect.

Sincerely yours,

G. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

RLBrewer:lm
4/3/52

cc: Admn. Reading File
Docket
J. A. Geehan, USBM
R. R. Lemmon, USGS
Field Team Reg. III
H. L. Selfridge
R. L. Brewer
Operating Committee

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

April 4, 1952

Memorandum

To: George C. Selfridge, DMEA

From: Robert W. Geehan, Bureau of Mines

Subject: DMEA-1522, Blue Moon Tungsten Prospect, Tulare County, California

In accordance with the findings of the Field Team, I recommend denial of this application.

Robert W. Geehan

Copy retained 400

490

IN REPLY REFER TO:

G-MD-DML

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

March 28, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Field Report DMEA 1522 - Tungsten
Blue Moon Prospect
Sec. 12, T. 19 S., R. 29 E.
Kaweah Quadrangle
Tulare County, California

The Blue Moon prospect was examined February 26, 1952 by W. P. Irwin and L. D. Clark of the Geological Survey. Their report, dated March 13, shows that a little scheelite is irregularly distributed in calc-silicate rock, but that none of the rock exposed can be considered ore.

The photograph attached to the field report suggests that the overburden is shallow, and that any hidden layers containing scheelite could probably be traced by float. Therefore I question the merit of the applicants' proposal to dig 2 bulldozer trenches at a cost of $2,000.

The Field Team recommends that the application be denied because there is little chance of making a significant discovery, a conclusion with which I concur.

D M Lemmon

DMLemmon:gt

Jan 15, 1952 400 file

Mr. Glyde Osborn and
Mr. Dock Walker, Partners
Star Route No. 2
Springville, California

Re: Docket No. DMA 1522X - Tungsten
Blue Moon and Lucky Break Claims
Tulare County, California

Gentlemen:

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

The Regional Officer will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

CLBrewer:lm
1/8/52

cc: Admn. Reading File
Mails and Files Br.
C. O. Mittendorf
W. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
Docket
C. C. Selfridge
C. L. Brewer

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

400's file

Jan 15, 1952

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

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant Clyde Osborne and Dock Walker

Docket No. 1522X

Commodity Tungsten

Amount $ 2,000

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1522-X

Commodity TUNGSTEN

Total Amount $2,000=

Govt. Participation $1500=

1. Name and Address of Applicant Clyde Osborne & Dock Walker
Star Route No 2, Springville, California

2. Location of Property Blue Moon & Lucky Break Claims
SE¼ Sec 12; T19S; R19E: M.D.B&M
Tulare Co, California

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)* — Good

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? Probably see attachments hereto
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? — —

Does the lease have sufficient time to run to cover a future

productive period? — —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Not Answered, needs very small quantity only

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes, as to water

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes, subject to revision by Field Team

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes, subject to additional detail by field team

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? —

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? _____ If so, attach a draft.

e) Are the cost estimates reasonable? yes

f) Should more information be requested from applicant? yes

g) Is a field examination necessary to complete Exhibit A? yes
Application should be checked by Field Team

11. Exhibit B (question 23-d)*

a) Is it applicable? yes

b) If so, are sufficient data furnished? yes If so, attach a draft.

c) Is a field check needed? no

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? yes

b) Sufficient data? yes If so, attach a draft.

c) Are rents and charges reasonable? yes

d) Is a field check needed? no

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? yes

b) Is the schedule adequate for the work proposed? yes

c) Is the schedule excessive for the work proposed? no

d) Are the proposed wages and salaries reasonable? yes

e) Is a field check needed? no

14. Exhibit E (question 23-c)*

a) Is it applicable? no

b) Sufficient data?

c) Reasonable?

d) Field check needed? no

15. In your judgment, can the proposed work be done in the proposed time? yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This deposit has not been previously reported upon. It is recommended that it be examined as to its merits, geologically, and if exploration is warranted, a suitable proposal should be prepared in conjunction with the applicant. Samples from existing exposures should be taken and a claim map showing existing and proposed work should be prepared.

Reviewed by:

Date

Enclosures:-
USGS- memo
USBM- memo
Application (M7103)

INT.-DUP. SEC., WASH., D.C. 99009

Mr. C. V. Connelly
P.O. Box 1845
Roanoke, Virginia

re: Docket No. DMA 1552X - Manganese
Tazewell County, Virginia

Dear Mr. Connelly:

In accordance with your letter of December 28, 1951, and to expedite any future application on the subject property which you may make, we herewith withdraw your present application (DMA 1522x), without prejudice.

At your request of November 16, 1951, we are returning the following leases and contract:

1 Copy of lease between James F. Jackson and Frank Gallihan.

1 Copy of lease between Patrick, Patrick and Osborne and Frank Gallihan.

1 Copy of lease between Buford Ables, et. ux., and Frank Gallihan.

1 Contract and Agreement between Frank Gallihan and C. V. Connelly.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

Enclosures - 4

QLBrewer:lm
1/8/52

cc: Admn. Reading File
Mails and Files Br.
C. O. Mittendorf
N. E. Melcher, DSEM
M. D. Crittenden, DSGS
Field Team Reg. VIII
Docket
G. C. Selfridge
Q. L. Brewer

COPY

400

January 3, 1952

Memorandum

To: D.M.E.A.

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application - $2000. DMA-1522-X
Clyde Osborne & Dock Walker Tungsten
Star Route No. 2
Springville, California

Property: Blue Moon and Lucky Break Claims
SW¼ Sec. 12, T. 19 S., R. 29 E., Kaweah quadrangle.
Tulare County, California

Proposal: To dig 2 trenches each 200 feet long in search of tungsten vein. Also to hire compressor and drills for opening any mineralization found.

Recommendation: In accord with the findings of D. M. Lemmon, it is recommended that the field team, Region III, San Francisco be requested to examine the property and determine whether exploration of the prospect has geologic merit.

/s/ Robert W. Geehan

/t/ Robert W. Geehan

340

400

Sept 12, 1951

Air Mail

Mr. Clyde Osborn
Star Route No. 2
Springville, California

In reply please refer to
DMA-1522X Tungsten

Dear Mr. Osborn:

Please furnish additional information on your prospect which is needed to determine he merits of your proposal.

4- What is the mining experience of you or your partner.

9- You should explain more fully how your labor will be used in bulldozer stripping.

10-(a) and (b), describe as requested in the application form.

11- Does the property have any present or former name.

16- What work have you done and what has it shown up in three years of assessment work.

22- We presume the assay of surface ore referred to is float. Is there sufficient float to justify looking for the source.

23- The various headings of this question should be answered where applicable.

In short, you have not presented enough evidence for us to form an opinion. A copy of your application is enclosed for your guidance.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Enclosure

TJBallard:ll 9/11/51
CC: ~~Fikx~~ DMA Docket File
Adm. Reading File
Mr. Holderer

400 file

June 20, 1951

Mr. Clyde Osborn
Star Route #2
Springville, California

Subject: DMA-1522X
Re: Exploration Loan

My dear Mr. Osborn:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1522X and referred to Mr. George Holderer, Chief, Tungsten Branch on June 7, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1522X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
✓ Holderer
Lyon

Letter to Applicant
Re Field Team Referral

1/8/58

Re: Docket No. 1522-X-Hungsten
Blue Moon & Lucky Break Claims
Tulare Co, California

Mr Clyde Osborne and
Mr Dock Walker, Partners
Star Route No 2,
Springville, California

Dear Sirs —

Your application for assistance in exploring the above noted property has been reviewed by the Non and Ferro alloys Division of D. M. E. & — and has been referred to Mr. H. C. Miller, Executive officer, DMEA Field Team, Region III, 1012 Hood Building, 870 Market ST, San Francisco 2, Calif. for a Field Examination

The Regional Office will contact you at the earliest opportunity in regard to your project

Sincerely yours

C. O. M.
Act. Admr

400

FILE COPY
SURNAME:

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

Brewer
Selfridge
Thader
Hedges
Hyttinen

APR 10 1952

Mr. Clyde Osborne
Mr. Dock Walker
Star Route No. 2
Springville, California

Re: Docket No. DMA 1522X - Tungsten
Blue Moon and Lucky Break Claims
Tulare County, California

Dear Sirs:

Your application for aid for an exploration project in conjunction with other reports relative to your claims has been carefully reviewed.

The information indicates that, geologically, there is little probability of making a significant mineral discovery. We regret therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program and for your patience and effort in this respect.

Sincerely yours,

C. O. Mittendorf (for)

Acting Administrator
Defense Minerals Exploration
Administration

S.H.
4-10-52

QLBrewer'lm
4/3/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer
Operating Committee

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Acting Administrator, DMEA DATE: April 4, 1952

FROM : Iron and Ferro-Alloy Division, DMEA

SUBJECT: Denial of exploration project in the amount of $2,000.00
Docket No. DMA 1522X - Tungsten
Clyde Osborne and Dock Walker
Blue Moon Prospect
Tulare County, California

The subject application was denied by this Division for the following reasons:

1. A large mass of calc-silicate rock, containing small erratic deposits of tactite, occurs at the contact of grano-diorite and hornfels. The tactite masses are irregular, small and vaguely defined. The workings consist of a 20-foot shaft, an open cut and several small pits. About 300 tons of material have been excavated and the estimated production of ore therefrom is 3 tons containing 0.5 per cent WO_3.

2. The field team reports "the deposits are too small and erratic to warrant Government aid".

3. The Commodity Division of the U. S. Geological Survey concurs with the field team.

G. C. Selfridge.

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

FILE COPY
SURNAME:

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

Acting Administrator, DMEA

April 4, 1952

Brewer
Selfridge

Iron and Ferro-Alloy Division, DMEA

Denial of exploration project in the amount of $2,000.00
Docket No. DMA 1522X - Tungsten
Clyde Osborne and Dock Walker
Blue Moon Prospect
Tulare County, California

The subject application was denied by this Division for the following reasons:

1. A large mass of calc-silicate rock, containing small erratic deposits of tactite, occurs at the contact of grano-diorite and hornfels. The tactite masses are irregular, small and vaguely defined. The workings consist of a 20-foot shaft, an open cut and several small pits. About 300 tons of material have been excavated and the estimated production of ore therefrom is 3 tons containing 0.5 per cent WO_3.

2. The field team reports "the deposits are too small and erratic to warrant Government aid".

3. The Commodity Division of the U. S. Geological Survey concurs with the field team.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

QLBrewer'lm
4/4/52

cc: Admn. Reading File
✓ Docket
G. C. Selfridge
Q. L. Brewer

n.s. in R. R.

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

April 4, 1952

Memorandum

To: George C. Selfridge, DMEA

From: Robert W. Geehan, Bureau of Mines

Subject: DMEA-1522, Blue Moon Tungsten Prospect, Tulare County, California

In accordance with the findings of the Field Team, I recommend denial of this application.

Robert W. Geehan

Robert W. Geehan

Copy retained 400

IN REPLY REFER TO:

G-MD-DML

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

March 28, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Field Report DMEA 1522 - Tungsten
Blue Moon Prospect
Sec. 12, T. 19 S., R. 29 E.
Kaweah Quadrangle
Tulare County, California

The Blue Moon prospect was examined February 26, 1952 by W. P. Irwin and L. D. Clark of the Geological Survey. Their report, dated March 13, shows that a little scheelite is irregularly distributed in calc-silicate rock, but that none of the rock exposed can be considered ore.

The photograph attached to the field report suggests that the overburden is shallow, and that any hidden layers containing scheelite could probably be traced by float. Therefore I question the merit of the applicants' proposal to dig 2 bulldozer trenches at a cost of $2,000.

The Field Team recommends that the application be denied because there is little chance of making a significant discovery, a conclusion with which I concur.

Dwight M Lemmon

Copy in 400's file

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

March 21, 1952

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMA-1522X (Tungsten) - Blue Moon and Lucky Break Claims, Tulare County, California

Reference is made to your subject "Review of Application for Exploration Assistance", dated January 15, 1952.

The subject property has been examined by geologists of the Geological Survey and they recommend that the requested loan be denied as the probability of finding a sufficient tonnage of ore appears poor.

Attached are four copies of a report, "DMEA-1522, Blue Moon Tungsten Prospect, Tulare County, California, by W. P. Irwin and L. D. Clark, geologists, U. S. Geological Survey, dated March 13, 1952."

Subject docket is being returned herewith.

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

Attachments

Copy to E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 25 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF FIELD TEAM ON EXAMINATION
REGION III

DMEA 1522, Blue Moon Tungsten Prospect

Tulare County, California

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1 1952

W. P. Irwin, Geologist
L. D. Clark, Geologist
U. S. Geological Survey

March 13, 1952

Reviewed by
DMEA OPERATING COMMITTEE
3-28-52
(date)

The Blue Moon tungsten prospect was examined on February 26, 1952, by L. D. Clark and W. P. Irwin of the Geological Survey, in the company of the owners. The owners, Clyde Osborn and Dock Walker, applied to DMEA on May 28, 1951 for Government participation in a $2000 exploration program. As a result of the examination, Clark and Irwin found that one percent of the rock mined was ore, and the occurrences were too small and erratic to warrant Government aid in further exploration of the deposit.

The prospect is at an altitude of 4000 feet in Sec. 12, T. 19 S., R. 29 E., (projected), Kaweah Quadrangle, about 11 airline miles north of Springville, Tulare County, California. It is several hundred feet northeast of the Blue Ridge Lookout road, about 2 miles northwest of the junction of the North Fork road that extends northward from Springville.

The property consists of two adjacent claims, the Blue Moon and Lucky Break, located by Clyde Osborn in Auguest 1948. The claims are joined end to end with the Lucky Break north of the Blue Moon, and their center lines trend north-northwest.

The workings, which are all on the Blue Moon claim, consist of an open cut, a shaft 20 feet deep, and several shallow pits (see plates 1 and 2) Most of these were dug at an early period for gold, and, at a later period, to prospect for chromium that was erroneously believed to be present in a greenish pyroxene rock. The applicants have only enlarged the open cut to satisfy requirements for assessment work.

The workings are in a large mass of calc-silicate rock that is bounded on the southwest by granodiorite, and on the northeast by a dark-green laminated hornfels that is exposed only in the shaft. Although the trend of the mass of calc-silicate rock appears to be northwest, the internal structure of the rock is highly contorted and irregular. In the area of the open cut, the calc-silicate rock grades into small, irregular, vaguely defined masses of garnet-bearing rock that may properly be termed tactite.

According to the applicants the tungsten-bearing ore consisted of a green scheelite-bearing rock that occured as small irregular pods in the rock mined from the open cut. Similar rock was mined from the small pits 15 feet east of the open cut, but none was seen in place. Specimens from the dumps are pyroxene.

The scheelite occurs mainly as coarse crystals with an average diameter of about 1/16 inch in the pyroxene rock, and to a minor extent in the garnet-bearing tactite. Under ultra-violet light most of it fluoresces blue-white but some fluoresces yellow.

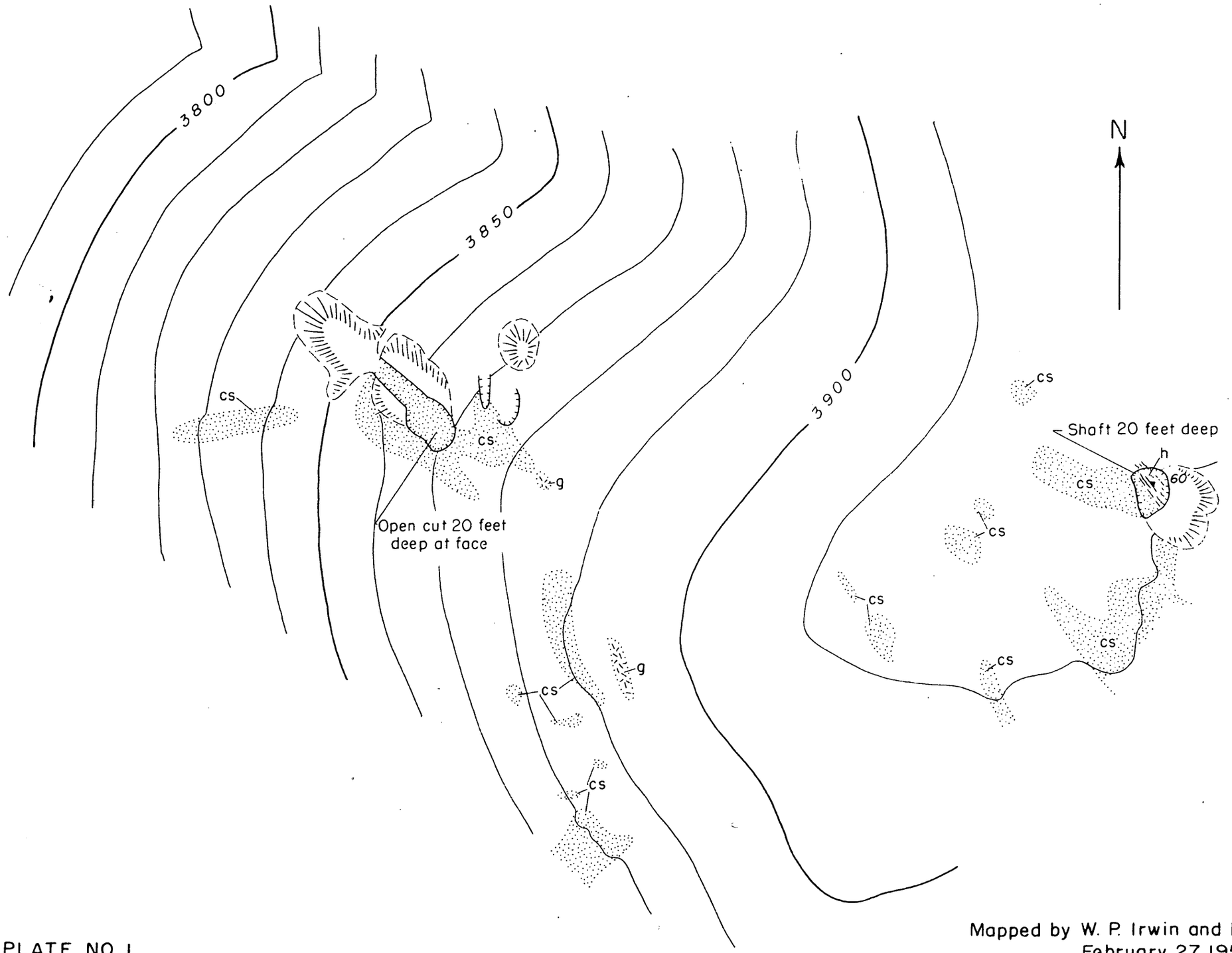
A few pieces of ore on the dump are estimated to contain as much as 2 percent WO_3, but the average grade of material that could readily be hand sorted is probably about 0.5 percent WO_3. It is estimated that from the approximately 300 tons of rock mined from the open cut, about 3 tons of ore with an average grade of 0.5 percent WO_3 could be sorted.

The applicants exploration plan consists of bulldozing two 200-foot cuts along the contour of the hillside, normal to the trend of the open cut. One of the cuts is to be across the southeast end of the open cut, and the other at the northwest end of the dump. The plan appears reasonable, although the length of the cuts may be somewhat greater than is necessary.

It is recommended that the applicant's request for Government aid in further exploration be denied, as the probability of finding any significant tonnage of tungsten ore is very poor. The applicants were informed by the examining geologists that, in their opinion, the deposit does not warrant Government aid. They appeared to be satisfied with the appraisal, but in the event they receive final confirmation of denial of Government aid they may make arrangements to have the exploration work done privately.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 1522
(TUNGSTEN)



EXPLANATION

cs — Calc-silicate rock

h — Laminated hornfels

g — Granite

Contact, location approximate

Limit of exposure

60 — Strike and dip of foliation

Outline of open cut or pit

Dump

PLATE NO. 1

Mapped by W. P. Irwin and L. D. Clark
February 27, 1952

BLUE MOON TUNGSTEN PROSPECT, TULARE COUNTY, CALIFORNIA

0 50 100 150 Feet

Contour interval 10 feet

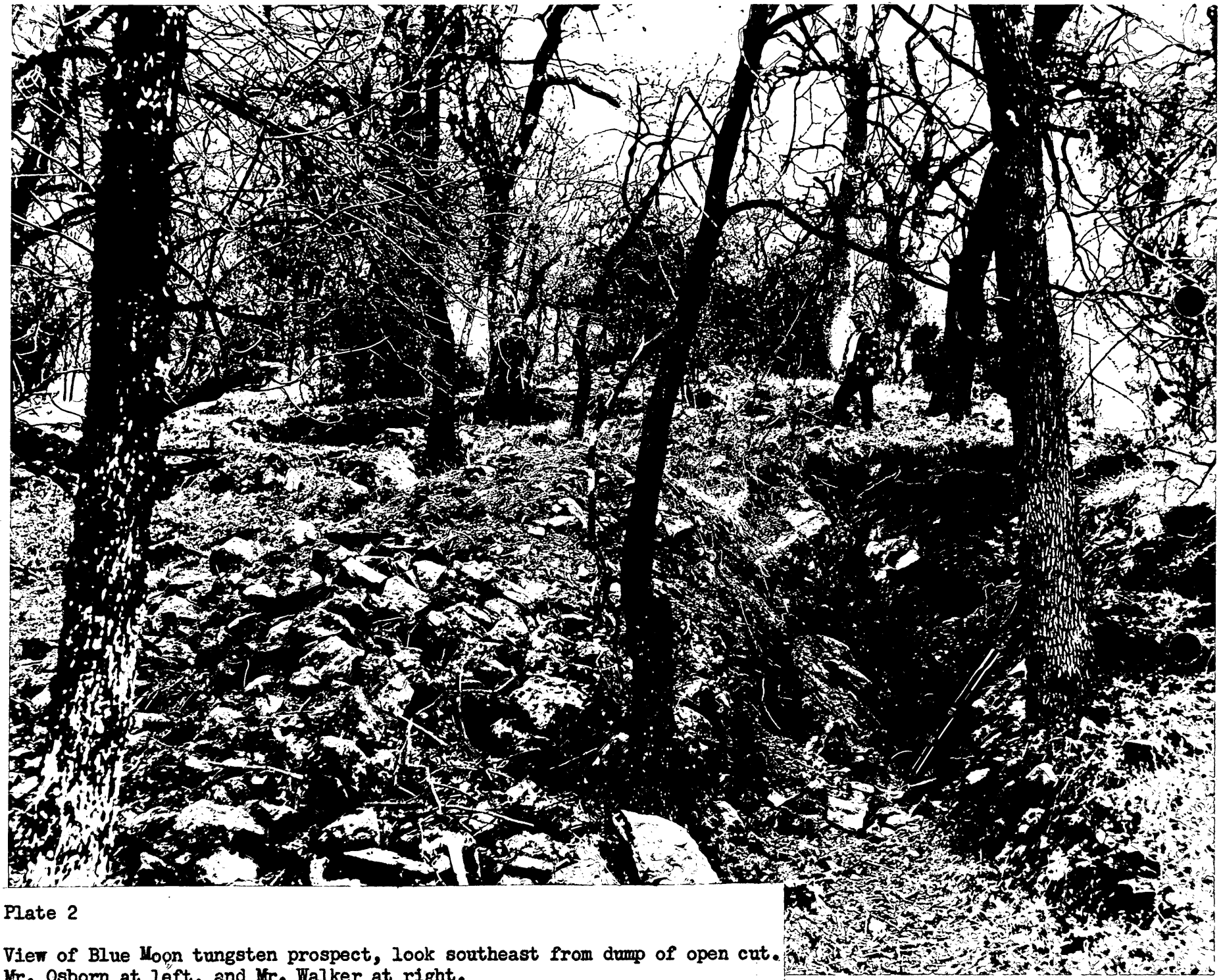


Plate 2

View of Blue Moon tungsten prospect, look southeast from dump of open cut. Mr. Osborn at left, and Mr. Walker at right.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF FIELD TRAVEL ON EXAMINATION
REGION III

DMEA 1522, Blue Moon Tungsten Prospect

Tulare County, California

Department of the Interior
Defense Minerals Administration
Washington

MAR 2 - 1952

W. P. Irwin, Geologist
L. D. Clark, Geologist
U. S. Geological Survey

March 19, 1952

2-28-52

The Blue Moon tungsten prospect was examined on February 26, 1952, by L. D. Clark and W. P. Irwin of the Geological Survey, in the company of the owners. The owners, Clyde Osborn and Jack Walker, applied to DMEA on May 28, 1951 for Government participation in a $2000 exploration program. As a result of the examination, Clark and Irwin found that one percent of the rock mined was ore, and the occurrences were too small and erratic to warrant Government aid in further exploration of the deposit.

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The property consists of two adjacent claims, the Blue Moon and Lucky Break, located by Clyde Osborn in August 1948. The claims are joined end to end with the Lucky Break north of the Blue Moon, and their center lines trend north-northwest.

The workings, which are all on the Blue Moon claim, consist of an open cut, a shaft 20 feet deep, and several shallow pits (see plates 1 and 2) Most of these were dug at an early period for gold, and, at a later period to prospect for chromium that was erroneously believed to be present in a greenish pyroxene rock. The applicants have only enlarged the open cut to satisfy requirements for assessment work.

The workings are in a large mass of calc-silicate rock that is bounded on the southwest by granodiorite, and on the northeast by a dark-green laminated hornfels that is exposed only in the shaft. Although the trend of the mass of calc-silicate rock appears to be northwest, the internal structure of the rock is highly contorted and irregular. In the area of the open cut, the calc-silicate rock grades into small, irregular, vaguely defined masses of garnet-bearing rock that may properly be termed tactite.

According to the applicants the tungsten-bearing ore consisted of a green scheelite-bearing rock that occured as small irregular pods in the rock mined from the open cut. Similar rock was mined from the small pits 15 feet east of the open cut, but none was seen in place. Specimens from the dump are pyroxene.

The scheelite occurs mainly as coarse crystals with an average diameter of about 1/16 inch in the pyroxene rock, and to a minor extent in the garnet-bearing tactite. Under ultra-violet light most of it fluoresces blue-white but some fluoresces yellow.

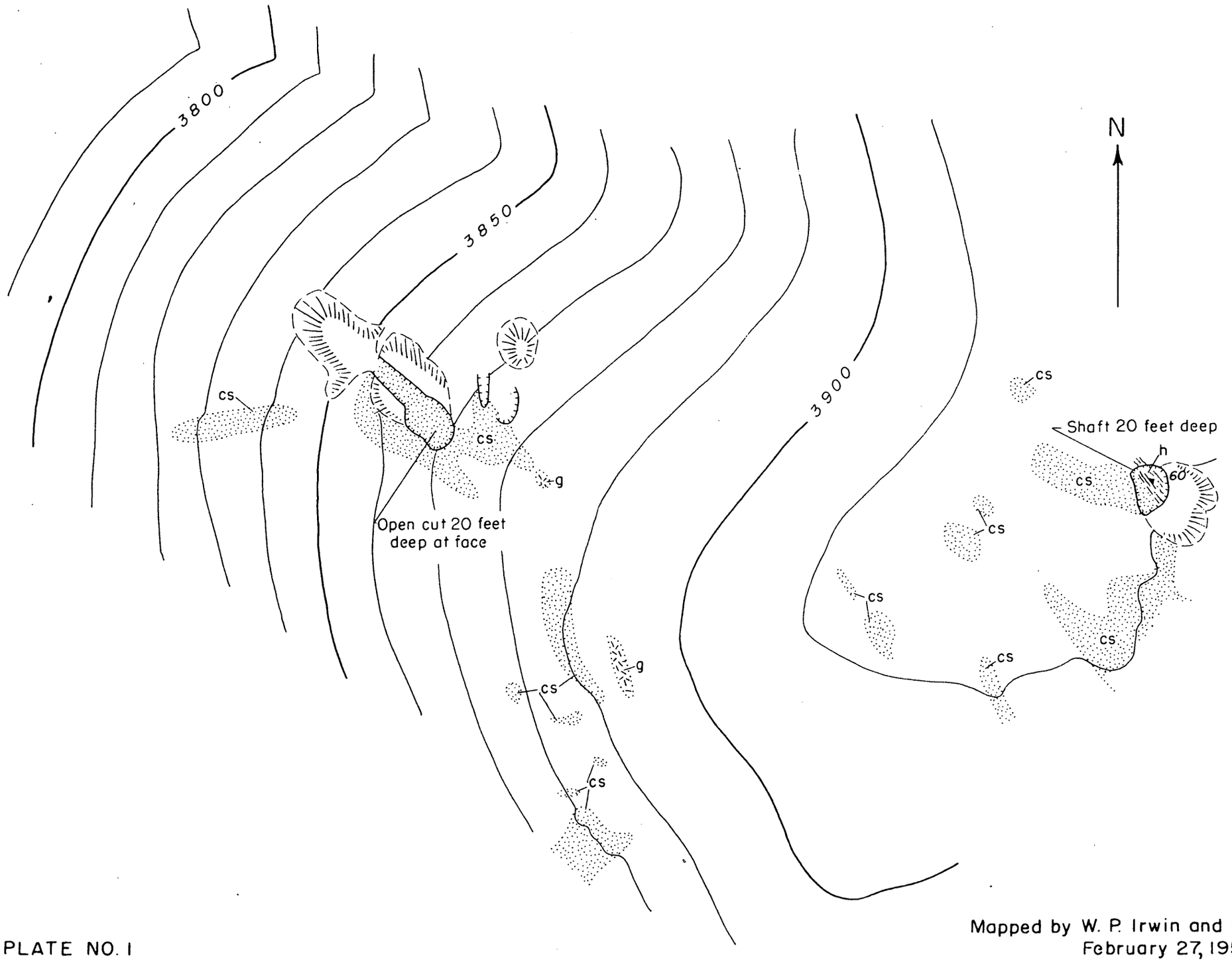
A few pieces of ore on the dump are estimated to contain as much as 2 percent WO_3, but the average grade of material that could readily be hand sorted is probably about 0.5 percent WO_3. It is estimated that from the approximately 300 tons of rock mined from the open cut, about 3 tons of ore with an average grade of 0.5 percent WO_3 could be sorted.

The applicants exploration plan consists of bulldozing two 200-foot cuts along the contour of the hillside, normal to the trend of the open cut. One of the cuts is to be across the southeast end of the open cut, and the other at the northwest end of the dump. The plan appears reasonable, although the length of the cuts may be somewhat greater than is necessary.

It is recommended that the applicant's request for Government aid in further exploration be denied, as the probability of finding any significant tonnage of tungsten ore is very poor. The applicants were informed by the examining geologists that, in their opinion, the deposit does not warrant Government aid. They appeared to be satisfied with the appraisal, but in the event they receive final confirmation of denial of Government aid they may make arrangements to have the exploration work done privately.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 15[illegible]2
(TUNGSTEN)



EXPLANATION

cs — Calc-silicate rock

h — Laminated hornfels

g — Granite

Contact, location approximate

Limit of exposure

60 — Strike and dip of foliation

Outline of open cut or pit

Dump

Mapped by W. P. Irwin and L. D. Clark
February 27, 1952

PLATE NO. I

BLUE MOON TUNGSTEN PROSPECT, TULARE COUNTY, CALIFORNIA

0 50 100 150 Feet

Contour interval 10 feet

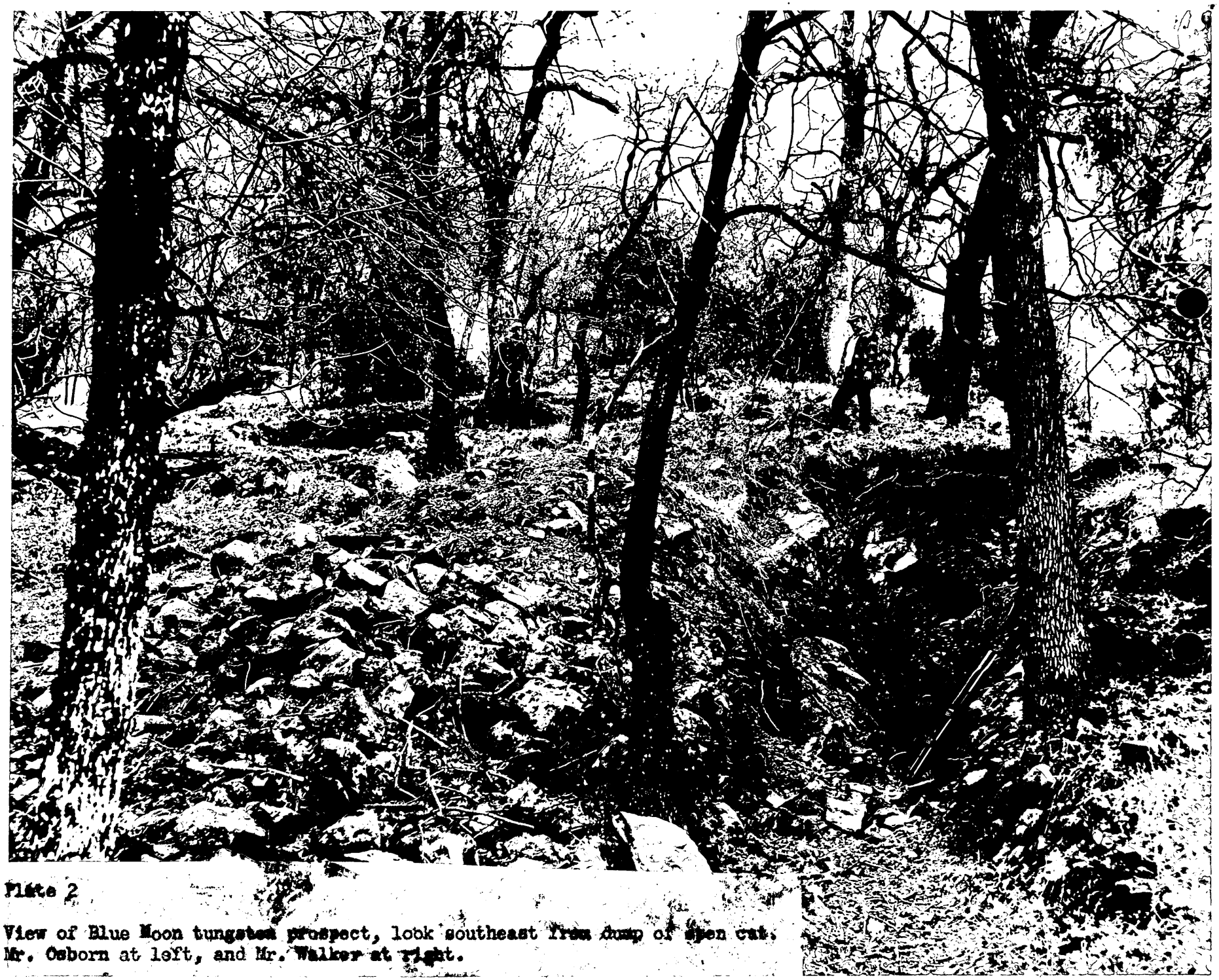


Plate 2

View of Blue Moon tungsten prospect, look southeast from dump of open cut. Mr. Osborn at left, and Mr. Walker at right.

D.M.E.A. December 4, 1951

D. M. Lemmon, U. S. Geological Survey

Exploration application $2,000 DMA-1522 X Tungsten
Clyde Osborn and Dock Walker
Star Route No. 2
Springville, California

Property: Blue Moon and Lucky Break claims
SE¼ sec. 12, T. 19 S., R. 29 E., Kaweah quadrangle
Tulare County, California
14 miles N. of Springville and ¼ mile north of cattle guard on Blue Ridge Lookout road. Altitude about 4,000 feet.

Proposal: To dig 2 trenches each 200 feet long, with bulldozer and ripper, in search of tungsten vein. Also to hire compressor and drills for opening any mineralization found.

Proposed costs are as follows:

Lumber for construction of ore bin 16 by 16 ft and tool shed 8 by 10 ft.	$400
Rental of D 8 Dozer and ripper, 40 hours at $12	480
Rental compressor, drill, and steel, 3 weeks	105
Rental, fluorescent light owned by applicant, $1.00 per day	30
Rental, blasting machine owned by applicant, $0.50 per day	15
Purchase 2 picks, 2 shovels, wheel barrow	41
Transportation	100
Assays	100
Blasting materials	200
Labor (by applicants, 20 days)	512
Total	$ 1,983

Mineralization: According to the applicant, scheelite is present in tactite over an area 80 feet in diameter. One sample taken assayed 0.58% WO_3. Workings consist of an open cut 35 feet long in ore, and a second cut 12 feet long. About 20 tons of ore on dump are estimated to contain 1 to 2% WO_3.

Conclusion: (1) The exploration proposed is probably notsuitable for the type of ore body described.
(2) Small bodies of tactite containing 0.5 to 1.0 percent of WO_3 might be workable at this locality because the ore could be treated at the mill of Tulare County Tungsten Co., located 15 miles distant by road (8 miles west in a straight line).

(3) The deposit has not been examined by the Geological Survey or Bureau of Mines, according to records in the Washington offices.

Recommendation:

It is recommended that the field team, Region III, San Francisco, be requested to examine the property and determine whether exploration of the prospect has geologic merit. If exploration is warranted, a suitable proposal should be prepared in conjunction with the applicant.

Don Lemmon

DMLemmon:gt

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF FIELD TEAM ON EXAMINATION
REGION III

DMEA 1522, Blue Moon Tungsten Prospect

Tulare County, California

W. P. Irwin, Geologist
L. D. Clark, Geologist
U. S. Geological Survey

March 13, 1952

REVIEWED BY
DMEA OPERATING COMMITTEE
3/28/52 TPT
(date)

The Blue Moon tungsten prospect was examined on February 26, 1952, by L. D. Clark and W. P. Irwin of the Geological Survey, in the company of the owners. The owners, Clyde Osborn and Lock Walker, applied to DMEA on May 28, 1951 for Government participation in a $2000 exploration program. As a result of the examination, Clark and Irwin found that one percent of the rock mined was ore, and the occurrences were too small and erratic to warrant Government aid in further exploration of the deposit.

The prospect is at an altitude of 4000 feet in Sec. 18, T. 19 S., R. 29 E., (projected), Kaweah Quadrangle, about 11 airline miles north of Springville, Tulare County, California. It is several hundred feet northeast of the Blue Ridge Lookout road, about 2 miles northwest of the junction of the North Fork road that extends northward from Springville.

The property consists of two adjacent claims, the Blue Moon and Lucky Break, located by Clyde Osborn in August 1948. The claims are joined end to end with the Lucky Break north of the Blue Moon, and their center lines trend north-northwest.

The workings, which are all on the Blue Moon claim, consist of an open cut, a shaft 20 feet deep, and several shallow pits (see plates 1 and 2) Most of these were dug at an early period for gold, and, at a later period to prospect for chromium that was erroneously believed to be present in a greenish pyroxene rock. The applicants have only enlarged the open cut to satisfy requirements for assessment work.

The workings are in a large mass of calc-silicate rock that is bounded on the southwest by granodiorite, and on the northeast by a dark-green laminated hornfels that is exposed only in the shaft. Although the trend of the mass of calc-silicate rock appears to be northwest, the internal structure of the rock is highly contorted and irregular. In the area of the open cut, the calc-silicate rock grades into small, irregular, vaguely defined masses of garnet-bearing rock that may properly be termed tactite.

According to the applicants the tungsten-bearing ore consisted of a green scheelite-bearing rock that occured as small irregular pods in the rock mined from the open cut. Similar rock was mined from the small pits 15 feet east of the open cut, but none was seen in place. Specimens from the dumps are pyroxene.

The scheelite occurs mainly as coarse crystals with an average diameter of about 1/16 inch in the pyroxene rock, and to a minor extent in the garnet-bearing tactite. Under ultra-violet li ht most of it fluoresces blue-white but some fluoresces yellow.

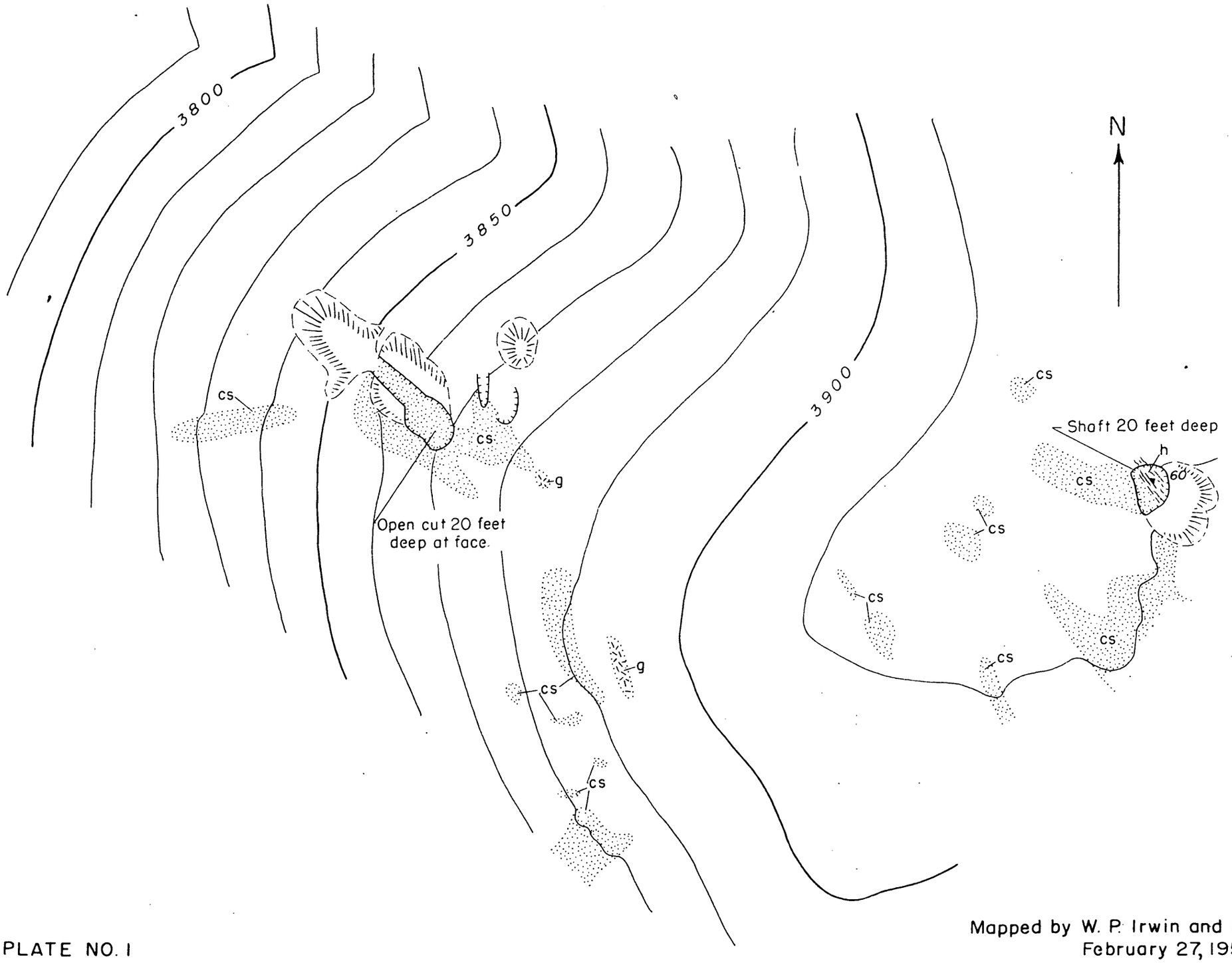
A few pieces of ore on the dump are estimated to contain as much as 2 percent WO_3, but the average grade of material that could readily be hand sorted is probably about 0.5 percent WO_3. It is estimated that from the approximately 300 tons of rock mined from the open cut, about 3 tons of ore with an average grade of 0.5 percent WO_3 could be sorted.

The applicants exploration plan consists of bulldozing two 200-foot cuts along the contour of the hillside, normal to the trend of the open cut. One of the cuts is to be across the southeast end of the open cut, and the other at the northwest end of the dump. The plan appears reasonable, although the length of the cuts may be somewhat greater than is necessary.

It is recommended that the applicants request for Government aid in further exploration be denied, as the probability of finding any significant tonnage of tungsten ore is very poor. The applicants were informed by the examining geologists that, in their opinion, the deposit does not warrant Government aid. They appeared to be satisfied with the appraisal, but in the event they receive final confirmation of denial of Government aid they may make arrangements to have the exploration work done privately.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 1522
(TUNGSTEN)



EXPLANATION

cs — Calc-silicate rock

h — Laminated hornfels

g — Granite

Contact, location approximate

Limit of exposure

60 — Strike and dip of foliation

Outline of open cut or pit

Dump

Mapped by W. P. Irwin and L. D. Clark
February 27, 1952

PLATE NO. 1

BLUE MOON TUNGSTEN PROSPECT, TULARE COUNTY, CALIFORNIA

0 50 100 150 Feet

Contour interval 10 feet

Plate 2

View of Blue Moon tungsten prospect, looking southeast from dump of open cut. Mr. Osborn at left, and Mr. Walker at right.

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

Brewer
GCL

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

JAN 15 1952

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant Clyde Osborne and Dock Walker

Docket No. 1522X

Commodity Tungsten

Amount $ 2,000

Referred to G.S. 1/21

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Frank P. Johnson
Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1522X

Commodity Tungsten

Total Amount $2,000

Govt. Participation $1,500

1. Name and Address of Applicant Clyde Osborne and Dock Walker

Star Route No. 2, Springville, California

2. Location of Property Blue Moon and Lucky Break Claims

SE¼ Sec. 12; T19S; R~~19~~31E; M.D.B. & M.

Tulare County, California

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? Probably - See attachments hereto
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Not answered, needs very small quantity only.

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes, as to water

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes, subject to revision by field team.

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes, subject to additional detail by field team.

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes - Application should be checked by field team

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? XX Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This deposit has not been previously reported upon. It is recommended that it be examined as to its merits, geologically, and if exploration is warranted, a suitable proposal should be prepared in conjunction with the applicant. Samples from existing exposures should be taken and a claim map showing existing and proposed work should be prepared.

Reviewed by: Q. L. Brewer

Enclosures - USGS Memo
USBM Memo
Application - MF-103

Date 1/8/52

INT.-DUP. SEC., WASH., D.C. 99009

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

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

JAN 15 1952

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant Clyde Osborne and Dock Walker

Docket No. 1522X

Commodity Tungsten

Amount $ 2,000

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1522X

Commodity Tungsten

Total Amount $2,000

Govt. Participation $1,500

1. Name and Address of Applicant Clyde Osborne and Dock Walker

Star Route No. 2, Springville, California

2. Location of Property Blue Moon and Lucky Break Claims

SE¼ Sec. 12; T19S; ~~R19E~~ R31E; M.D.B. & M.

Tulare County, California

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? Probably - See attachments hereto
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Not answered, needs very small quantity only.

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes, as to water

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes, subject to revision by field team.

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes, subject to additionml detail by field team.

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes - Application should be checked by field team

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? XX Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This deposit has not been previously reported upon. It is recommended that it be examined as to its merits, geologically, and if exploration is warranted, a suitable proposal should be prepared in conjunction with the applicant. Samples from existing exposures should be taken and a claim map showing existing and proposed work should be prepared.

Reviewed by: Q. L. Brewer

Enclosures - USGS Memo
USBM Memo
Application - MF-103

Date 1/8/52

INT.-DUP. SEC., WASH., D.C. 99009

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

Jan 15, 1952

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

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant Clyde Osborne and Dock Walker

Docket No. 1522X

Commodity Tungsten

Amount $ 2,000

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1522X

Commodity Tungsten

Total Amount $2,000

Govt. Participation $1,500

1. Name and Address of Applicant Clyde Osborne and Dock Walker

Star Route No. 2, Springville, California

2. Location of Property Blue Moon and Lucky Break Claims

SE¼ Sec. 12; T19S; R19E; M.D.B. & M.

Tulare County, California

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? Probably - See attachments hereto
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Not answered, needs very small quantity only.

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes, as to water

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes, subject to revision by field team.

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes, subject to additional detail by field team.

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes - Application should be checked by field team

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? XX Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This deposit has not been previously reported upon. It is recommended that it be examined as to its merits, geologically, and if exploration is warranted, a suitable proposal should be prepared in conjunction with the applicant. Samples from existing exposures should be taken and a claim map showing existing and proposed work should be prepared.

Reviewed by: Q. L. Brewer

Enclosures - USGS Memo
USBM Memo
Application - MF-103

Date 1/8/52

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY
SURNAME:

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

Brewer
Selfridge
Hedges
Fergusson

JAN 15 1952

Mr. Clyde Osborn and
Mr. Deck Walker, Partners
Star Route No. 2
Springville, California

Re: Docket No. DMA 1522X - Tungsten
Blue Moon and Lucky Break Claims
Tulare County, California

Gentlemen:

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

The Regional Officer will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf (fw)

S.N. 1-15-52

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer:lm
1/8/52

cc: Admn. Reading File
Mails and Files Br. Docket
C. O. Mittendorf
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
Docket
G. C. Selfridge
Q. L. Brewer

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

January 3, 1952

Memorandum

To: D.M.E.A.

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application-$2000. DMA-1522-X
Clyde Osborne & Dock Walker Tungsten
Star Route No. 2
Springville, California

Property: Blue Moon and Lucky Break Claims
SE¼ Sec. 12, T. 19 S., R. 29 E., Kaweah quadrangle.
Tulare County, California

Proposal: To dig 2 trenches each 200 feet long in search of tungsten vein. Also to hire compressor and drills for opening any mineralization found.

Recommendation: In accord with the findings of D. M. Lemmon, it is recommended that the field team, Region III, San Francisco be requested to examine the property and determine whether exploration of the prospect has geologic merit.

Robert W. Geehan

Robert W. Geehan

cc in tax's file

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : D.M.E.A. DATE: December 4, 1951

FROM : D. M. Lemmon, U. S. Geological Survey

SUBJECT: Exploration application $2,000 DMA-1522 X Tungsten
Clyde Osborn and Dock Walker
Star Route No. 2
Springville, California

Property: Blue Moon and Lucky Break claims
SE¼ sec. 12, T. 19 S., R. 29 E., Kaweah quadrangle
Tulare County, California
14 miles N. of Springville and ¼ mile north of cattle guard on Blue Ridge Lookout road. Altitude about 4,000 feet.

Proposal: To dig 2 trenches each 200 feet long, with bulldozer and ripper, in search of tungsten vein. Also to hire compressor and drills for opening any mineralization found.

Proposed costs are as follows:

Lumber for construction of ore bin 16 by 16 ft and tool shed 8 by 10 ft.	$400
Rental of D 8 Dozer and ripper, 40 hours at $12	480
Rental compressor, drill, and steel, 3 weeks	105
Rental, fluorescent light owned by applicant, $1.00 per day	30
Rental, blasting machine owned by applicant, $0.50 per day	15
Purchase 2 picks, 2 shovels, wheel barrow	41
Transportation	100
Assays	100
Blasting materials	200
Labor (by applicants, 20 days)	512
Total	$ 1,983

Mineralization: According to the applicant, scheelite is present in tactite over an area 80 feet in diameter. One sample taken assayed 0.58% WO_3. Workings consist of an open cut 35 feet long in ore, and a second cut 12 feet long. About 20 tons of ore on dump are estimated to contain 1 to 2% WO_3.

Conclusion: (1) The exploration proposed is probably not suitable for the type of ore body described.
(2) Small bodies of tactite containing 0.5 to 1.0 percent of WO_3 might be workable at this locality because the ore could be treated at the mill of Tulare County Tungsten Co., located 15 miles distant by road (8 miles west in a straight line).

(3) The deposit has not been examined by the Geological Survey or Bureau of Mines, according to records in the Washington offices.

Recommendation:

It is recommended that the field team, Region III, San Francisco, be requested to examine the property and determine whether exploration of the prospect has geologic merit. If exploration is warranted, a suitable proposal should be prepared in conjunction with the applicant.

Don Lemmon

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

SEP 12 1951

Air Mail

Mr. Clyde Osborn
Star Route No. 2
Springville, California

In reply please refer to
DMA-1522X Tungsten

Dear Mr. Osborn:

Please furnish additional information on your prospect which is needed to determine the merits of your proposal.

4- What is the mining experience of you or your partner.

9- You should explain more fully how your labor will be used in bulldozer stripping.

10-(a) and (b), describe as requested in the application form.

11- Does the property have any present or former name.

16- What work have you done and what has it shown up in three years of assessment work.

22- We presume the assay of surface ore referred to is float. Is there sufficient float to justify looking for the source.

23- The various headings of this question should be answered where applicable.

In short, you have not presented enough evidence for us to form an opinion. A copy of your application is enclosed for your guidance.

Very truly yours,

George B. Holderer
Chief, Tungsten Branch

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 31 8 52 AM '51

Enclosure

Mr. Geo B. Holderer
Enclosed find additional information requested on
DMA 1522X Tungsten
Very truly yours
Clyde Osborn
Star Rt #2
Springville
Calif.

340
FILE COPY
SURNAME:

Holderer
Ballard

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

SEP 12 1951

Air Mail

Mr. Clyde Osborn
Star Route No. 2
Springville, California

In reply please refer to
DMA-1522X Tungsten

Dear Mr. Osborn:

Please furnish additional information on your prospect which is needed to determine the merits of your proposal.

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10-(a) and (b), describe as requested in the application form.

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23- The various headings of this question should be answered where applicable.

In short, you have not presented enough evidence for us to form an opinion. A copy of your application is enclosed for your guidance.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

TJBallard:ll 9/11/51
CC: ~~File~~ DMA Docket File
Adm. Reading File
Mr. Holderer

Enclosure

FILE COPY
SURNAME:

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

June 20, 1951

Mr. Clyde Osborn
Star Route #2
Springville, California

Subject: DMA-1522X
Re: Exploration Loan

My dear Mr. Osborn:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1522X and referred to Mr. George Holderer, Chief, Tungsten Branch on June 7, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1522X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel jc
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Holderer
Lyon

Form MF-103
(April 1951)

U[illegible]EPARTMENT OF THE INTE[illegible]
DEFENSE MINERALS ADMINISTRATIO[illegible]

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1522X

Date received 6/4/51

Participation

Clyde Osborn
Star Route #2 Springville, Calif.

Dock Walker
P. O. Box Springville, Calif.

Name and address of applicant

Date May 28-1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $2000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 14 miles northeast of Springville, Tulare County, Calif

One quarter mile north of cattle guard on Blue Ridge lookout road.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
OCT 31 8 52 AM '51

16—84067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)	By Clyde Osborn (Signature of authorized official)
May 28 - 1957 (Date)	Partner - Claim holder (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

1. Partnership.
2. Clyde Osborn Star Route #2 Springville, Calif.
   Dock Walker P. O. Box Springville, Calif.
3.
4. We have had several years of prospecting and 4 years of exploration work, excavating etc
   no actual experience at tunnel or shaftwork.
5. Holder of claims on U. S. Forest Reserve land. but we are used to heavy equipment machinery etc
6. none.
7.
8. none
9. Labor only. one will operate rented Cat. Dozer - Ripper, other will be las. attendant and helper to assist in operating
10. Two mineral claims - 40 acres.
    located in the S.E. 1/4 of Sec. 12, Twsp. 19E Range 29 E. Tulare County Calif.
    on U.S. Forest Reserve land
11.
12. 14 miles northeast of Springville, Calif Oil road
13. None as yet. Power line 1/4 mile from mine.
14. none
15. By truck. 12 miles to mill in operation.
16. Three years assesment work. We have excavated an open cut into hill for
17. distance of approx. 35 to 40 feet in ledge ore on the main cut, also a small
    cut near, about 12 to 15 ft total which has produced about 20 to 30 tons of
18. tungsten ore that shows up under violet ray lamp some very good
19. I should judge between 1% and 2%, other ore, also a very small percent

Name of Claims is "Blue Moon" and "Lucky Break"

T 9 S
31 E

Exploration.

20. Tungsten. Type of deposit not determined fully as yet. Location of deposit is near crest of Volcanic uplift or butte.
21. The manner in which we wish to explore this deposit is to hire the services of a D. 8. Catapilliar Bulldozer pulling a ripper and removing overburden from off ore deposit. We wish to open up two trenches approximatly 200 ft. in length to at least the top of the ore body which might vary in depth, with the idea of finding the location of the main vein or body of ore, also hire of compressor to do blasting for further exploration. The estimated time to accomplish th this we would say 15 to 30 days for this particular location.

22. The thing that leads us to believe that there is possibly a body of ore present is - Good granit contacts on either side and a prominent Lime dyke running near the Tungsten deposit we have discovered, also green epidote and garnet deposits in among the ore. This is on or just under surface near crest of volcanic uplift. These claims are located on National Forest Reserve land, located within a mineral district set apart for that purpose. We have done assesment work on claims for threeyears. All this area is mineralized. We had a mineral assay taken of surface ore which assayed 0. 58% WO3 by weight. We consider this a poor test owing to the fact that we discovered much better ore after we received this assay.

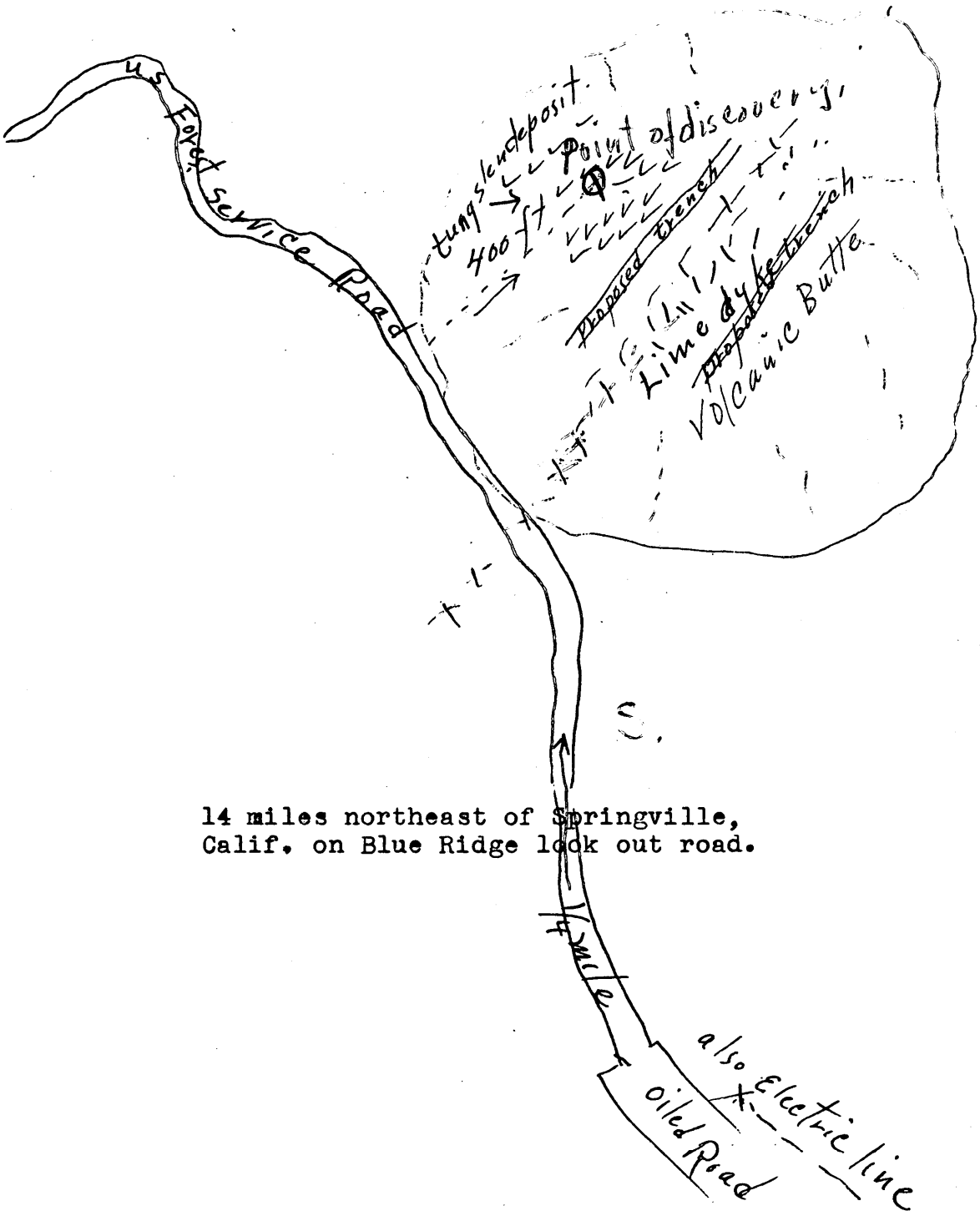
The ore that we had assayed was not float but came from ledge or vein of ore which is in place and shows up over an area of approx 80 feet in diameter where we are working. We beleive there is sufficient showing of ore in place to warrent exploration to a greater extent.

There are several mines of Tungsten, also many discoveries of Tungsten within a radias of 20 miles. The ore we have discovered seems to be of very high quality, very little moly or other impurities accompany it.

MAP

N.

Location in S.E 1/4 of Sec 12. Tnsp. 19 E Range 29 E.
Tulare Co. Calif.
on U.S. Forest Reserve Land.



14 miles northeast of Springville, Calif. on Blue Ridge look out road.

(23) A Two laborers, which would be us working as partners at $1.60 per hr each. 20da. $512.00

b. no Supervisors.

c. no buildings

d. Construction of ore bin 16'x16' also tool shed 8'x10' — — — $400.00

e. Our intention is to rent all such equipment for exploration work.

f. D8 Dozer and ripper - 40 hrs at $12.00 per hr — — — — $480.00

Air Compressor with air drill and steel furnished 3 weeks — — $105.00

g. One Floresent Mineral light at $[illegible] per day — — — 30.00

" Blasting machine at 50¢ per day — — 15.00

h. one wheelbarrow — — — — — — — — 30.00

2 Shovels — — — — — — — — — — — 6.00

2 Picks — — — — — — — — — 5.00

Dynamite and blasting supplies — — — — — — 200.00

i. There would be no power water or utilities involved in exploration

Transportation costs for 1 mo — — — — — — 100.00

assay tests — — — — 100.00

(24) If project is approved within 30 to 60 days, we would like to start dozer work immeadiately after approval and would take 5 days to remove dirt or overburden, then we would continue to drill and blast and use Floresent light to test the area uncovered and take samples of ore for assays.

We would possibly put in 15 working days finishing up the exploration money expected to be spent.

D8 Dozer and Ripper 5 day rental — — —	$450.00
Air Compressor with drill and steel furnished 3 weeks —	105.00
Lumber for construction of ore bin + tool Shed — — —	400.00
rental Floresent light, Blasting Machine — — —	45.00
cost 2 picks 2 shovels and 1 wheel barrow — —	41.00
Transportation Cost 1 mo. — — — —	~~100.00~~
cost of assays — — — —	100.00
Blasting materials — — — —	200.00
Cost	$1471.00

Our 25% which would be labor (20 days) 512.00

Total for project $1983.00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1522X

Date received 6/4/51

Participation

Clyde Osborn
Star Route #2 Springville, Calif.

Dock Walker
P. O. Box Springville, Calif.

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $2000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 14 miles northeast of Springville, Tulare County, Calif

One quarter mile north of cattle guard on Blue Ridge lookout road.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)	By Clyde Osborn (Signature of authorized official)
May 28 - 1951 (Date)	Partner Claim holder (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

1. Partnership.
2. Clyde Osborn Star Route #2 Springville, Calif.
   Dock Walker P. O. Box Springville, Calif.
3.
4.
5. Holder of claims on U. S. Forest Reserve land.
6. none.
7.
8. none
9. Labor only.
10. Two mineral claims - 40 acres.

11.
12. 14 miles northeast of Springville, Calif Oil road
13. None as yet. Power line ¼ mile from mine.
14. none
15. By truck. 12 miles to mill in operation.
16. Three years assesment work.
17.

18.

19.

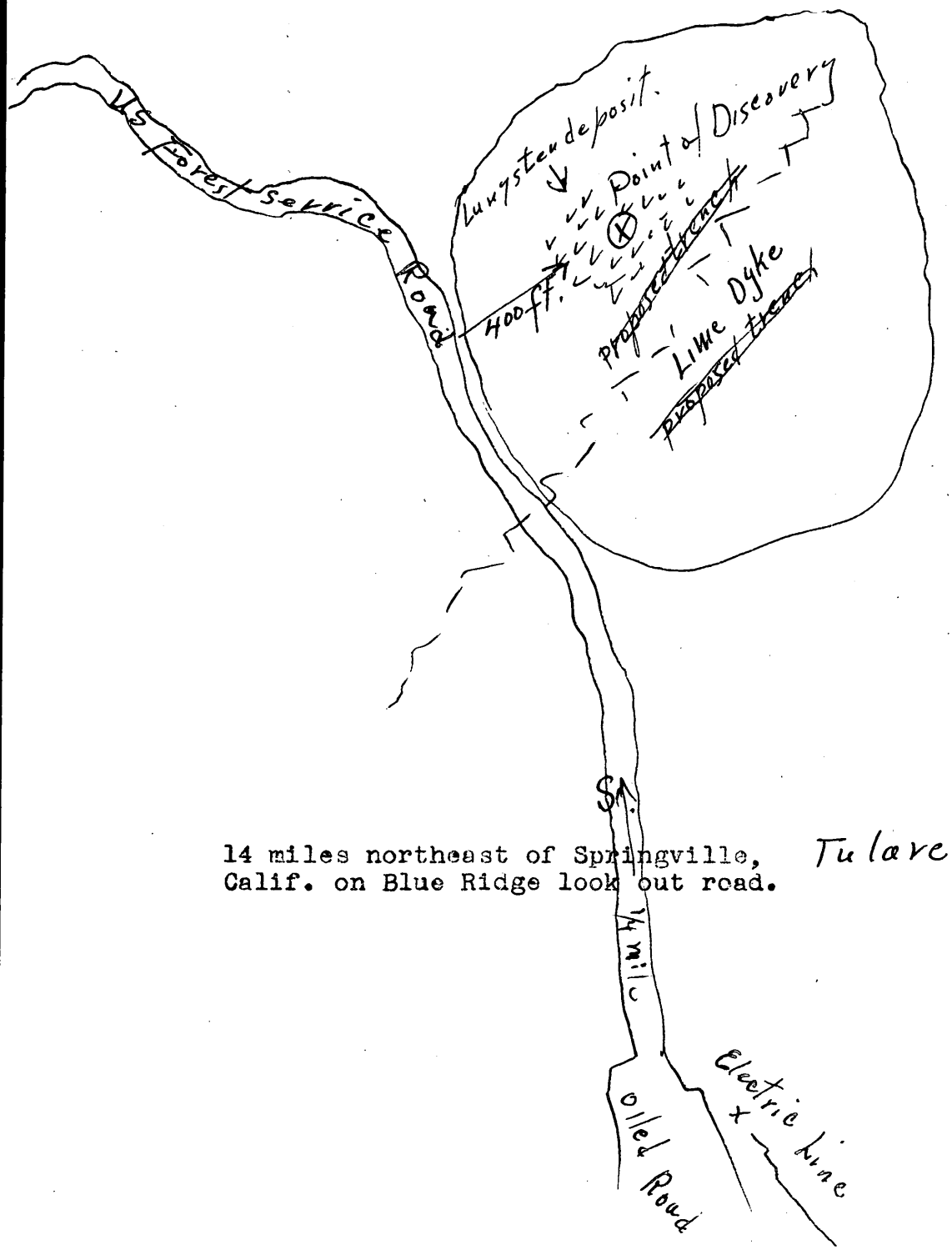
Exploration.

20. Tungsten. Type of depositnot determined fully as yet. Location of deposit is near crest of Volcanic uplift or butte.
21. The manner in which we wish to explore this deposit is to hire the services of a D. 8. Catapilliar Bulldozer pulling a ripper and removing overburden from off ore deposit. We wish to open up two trenches approximatly 200 ft. in length to at least the top of the ore body which might vary in depth, with the idea of finding the location of the main vein or body of ore, also hire of compressor to do blasting for further exploration. The estimated time to accomplish th this we would say 15 to 30 days for this particular location.

22. The thing that leads us to believe that there is possibly a body of ore present is - Good granit contacts on either side and a prominent Lime dyke running near the Tungsten deposit we have discovered, also green epidote and garnet deposits in among the ore. This is on or just under surface near crest of volcanic uplift. These claims are located on National Forest Reserve land, located within a mineral district set apart for that purpose. We have done assesment work on claims for threeyears. All this area is mineralized. We had a mineral assay taken of surface ore which assayed 0. 58% WO3 by weight. We consider this a poor test owing to the fact that we discovered much better ore after we received this assay.

There are several mines of Tungsten, also many discoveries of Tungsten within a radias of 20 miles. The ore we have discovered seems to be of very high quality, very little moly or other impurities accompany it.

MAP



14 miles northeast of Springville, Calif. on Blue Ridge look out road.

Tulare County

1522-X

Applicant wants loan of $2000 ($1500 govt) to dig 2 Bulldozer Trenches in search of tungsten ore.

Expense not warranted.

Reject.

JMK

6-14-51

LANDON E. STROBEL

Mr. Bradley
DMA - 1522 X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Region III

1415 Appraisers Bldg.
630 Sansome Street
San Francisco 11, Calif.

May 31, 1951

Memorandum

To: Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Application for Aid for an Exploration Project

The attached application was received in this office on May 29, 1951, 1951.

Applicant: Clyde Osborn
Star Route #2, Springville, Calif.

Dock Walker
P. O. Box Springville, California

Date of Application: May 28, 1951 Estimated Cost: $2,000.00

Mineral or Metal: Tungsten Percentage of Government Participation: 75%

Location of Mine: 14 miles northeast of Springville, Tulare County, California. One quarter mile north of cattle guard on Blue Ridge Lookout road.

H. C. Miller

H. C. Miller
Executive Officer, DMA Field Team
Region III

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1522X

Date received 6/4/51

Participation

Clyde Osborn
Star Route #2 Springville, Calif.

Dock Walker
P. O. Box Springville, Calif.

Name and address of applicant

Date May 28-1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $2000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 14 miles northeast of Springville, Tulare County, Calif.
One quarter mile north of cattle guard on Blue Ridge Lookout road.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
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    (*a*) Describe the ore or mineral deposits briefly.
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19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

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THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
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    (*f*) Cost of rental for equipment which the operator proposes to rent.
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    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)	By Clyde Osborn (Signature of authorized official)
May 28 - 1951 (Date)	partner-Claim holder (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

I. Partnership
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Doek Walker P. O. Box Springville, Calif.
3.
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5. Holder of claims on U. S. Forest Reserve land.
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7.
8. None
9. Labor Only
IO. Two Mineral claims _ 40 acres.

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13. None as yet Power line ¼mile from mine.
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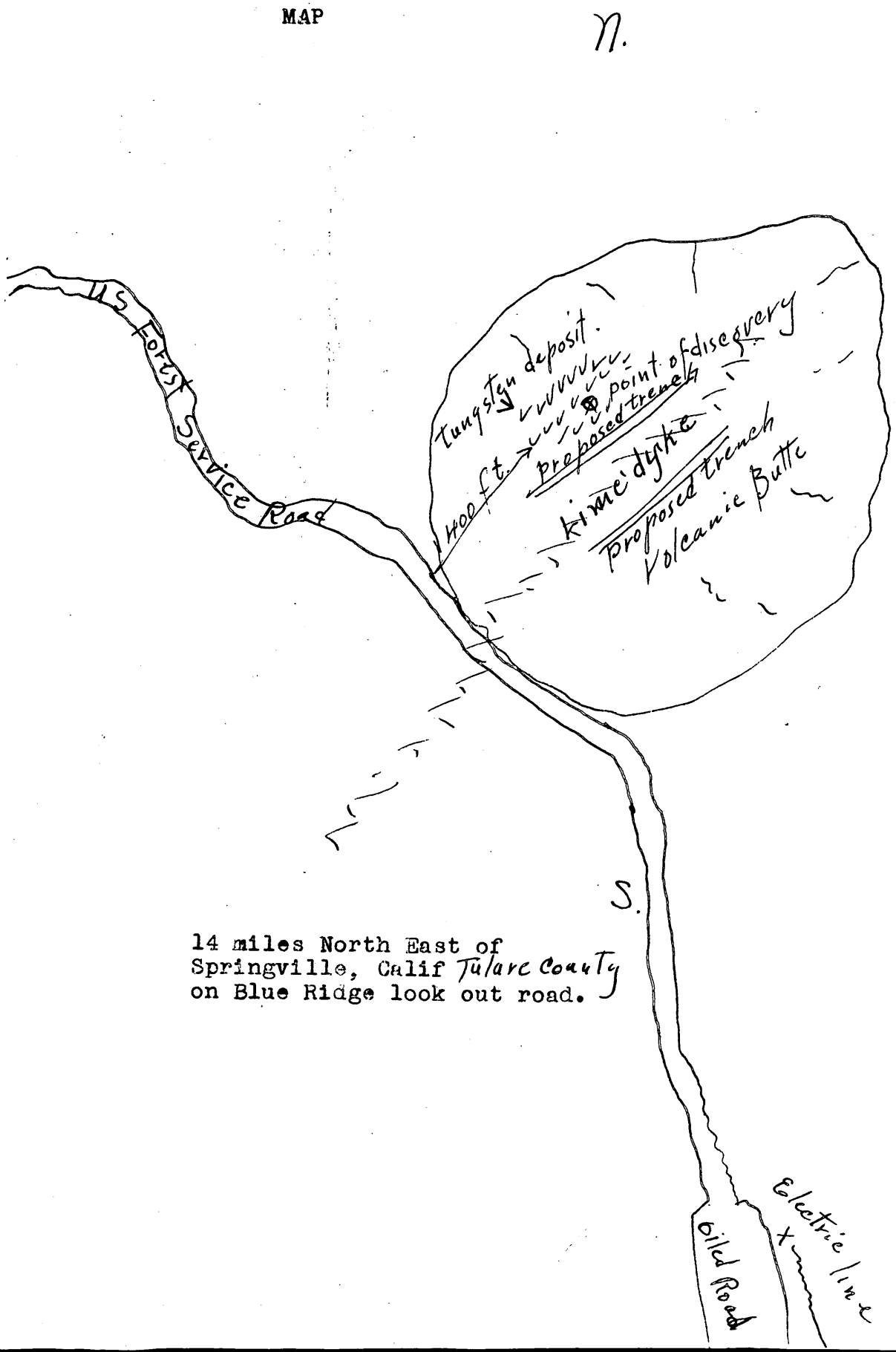
There are several mines of Tungsten , also many discoveries of Tungsten within a radias of 20 miles. The ore we have discovered seems to be of very high quality, very little moly or other impurities accompany it.

MAP



14 miles North East of
Springville, Calif Tulare County
on Blue Ridge look out road.

Dma-1522 X

ESTABLISHED 1897

The Twining Laboratories

THE BEST EQUIPPED COMMERCIAL LABORATORIES ON THE PACIFIC COAST

2527 FRESNO STREET. FRESNO, CALIFORNIA. PHONE 3-2118

RESEARCH ANALYSTS
INDUSTRIAL CHEMISTS
TESTING ENGINEERS
INSPECTION

August 26, 1948

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 29 1951
SAN FRANCISCO, CALIFORNIA

Refer to	Noted	Date
Answered		

Examination
225000

For - Mr. Clyde Osborn
Star Route #2
Springville, Calif.

Sample - Ore

- percent by weight -

Tungsten Trioxide (WO_3) - - - - - - - - - - - 0.58%

Gold Content:

Ounce/ton - - - - - - - - - 0.02

Value/ton - - - - - - - - - 0.70

Gold @ $35.00 per troy ounce

THE TWINING LABORATORIES

By Fred W Twining

vy/es

SCIENTIFIC AFFILIATIONS OF PRINCIPALS

American Council of Commercial Laboratories, American Ceramic Society, American Chemical Society, American Foundrymen's Association, American Institute of Mining and Metallurgical Engineers, American Oil Chemist Society, American Public Health Association, American Society of Mechanical Engineers, American Society for Testing Materials, California Natural Gas Association and Society of Automotive Engineers.

01—20M—11-47

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1522X

Date received 6/4/51

Participation

Clyde Osborn
Star Route #2 Springville, Calif.

Dock Walker
P. O. Box Springville, Calif.

Name and address of applicant

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
RECEIVED
MAY 29 1951
SAN FRANCISCO, CALIFORNIA

Date May 28 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $2000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 14 miles northeast of Springville, Tulare County, Calif.
One quarter mile north of cattle guard on Blue Ridge Lookout road.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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May 28 1951 (Date)	Partner Claim holder (Title)

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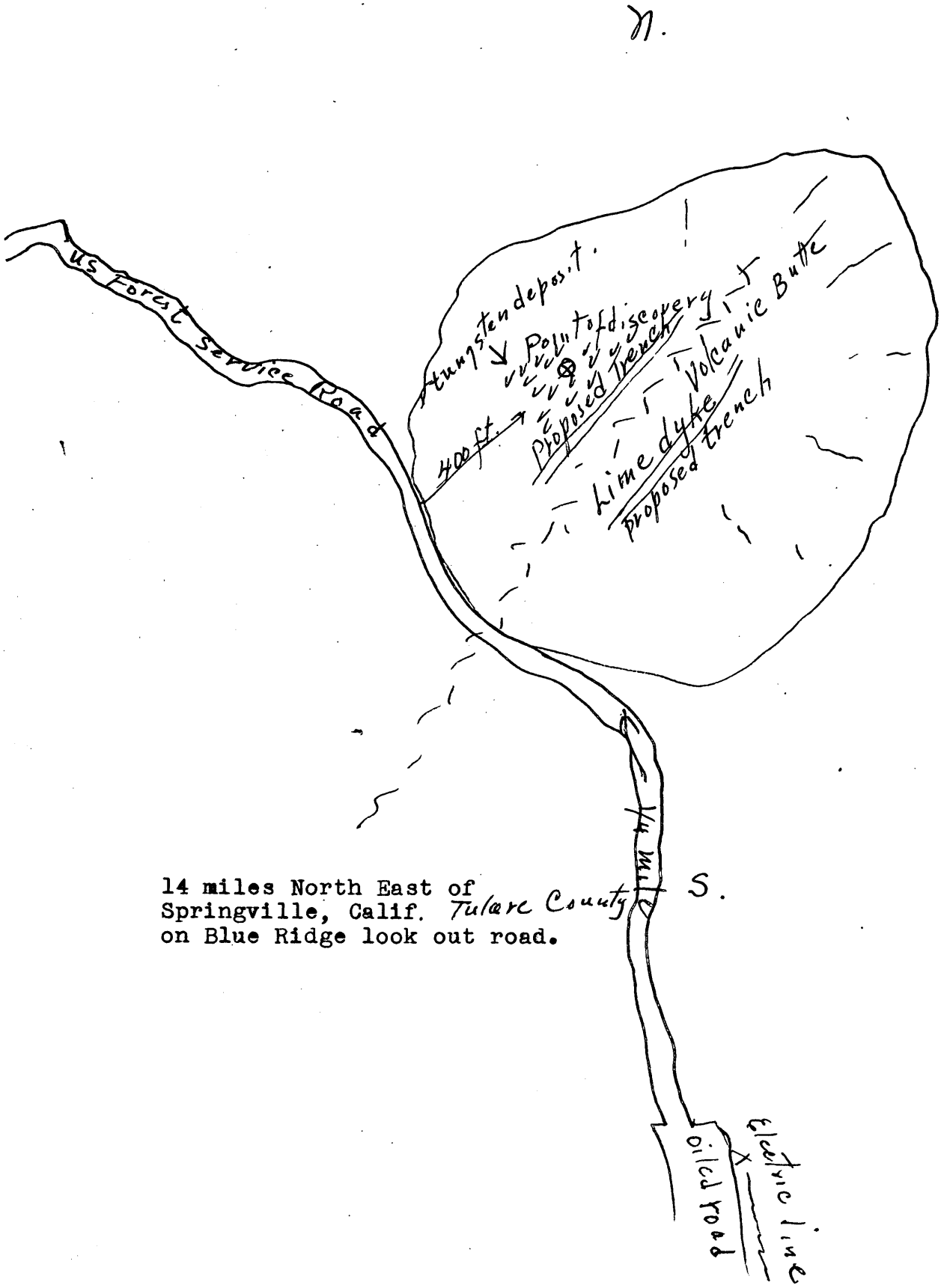

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