DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

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DMA Docket No. 1619X

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_____

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:	Coordinating Committee	Date	Jul 10, 1950
To:	Field Team	Date	7/13/51
To:	Div Supply Div.	Date	18 Sep 51
To:	Reports + Records	Date	9-18-51
To:		Date	
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340

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

SEP 19 1951

1619

Mr. Fred W. Hoar
c/o Frug, Hoar & Co.
6772 Hollywood Blvd.
Hollywood, California

In reply please refer to:
DMA 1619X
Blue Jacket Tungsten
Mineral County, Nev.

Dear Mr. Hoar:

We have given your application careful consideration. Assays of material from the most highly mineralized areas on your property, as taken by the Defense Minerals Administration Field Team, show the material to be too low grade to be commercial.

Therefore, we regretfully deny your application.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

GBHolderer:jh
9/17/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
DMA Field Team Region III

3 40

FILE COPY
SURNAME:

Holderer
Jacoby

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

SEP 19 1951

Stoner, Ray C.

Mr. Fred W. Hoar
c/o Frug, Hoar & Co.
6772 Hollywood Blvd.
Hollywood, California

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DMA 1619X
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Tom Lyon, Director
Supply Division

JF 9/19

GBHolderer:jh
9/17/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
DMA Field Team, Region III

340

FILE COPY
SURNAME:

Holderer
Tungsten

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

SEP 19 1951

Memorandum

To: Reports & Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Tungsten Producers
c/o Frug, Hoar & Co.
6772 Hollywood Blvd.
Hollywood 28, California

Property: D. M. A. #1619X - Tungsten
Blue Jacket Tungsten
Mineral County,
Nevada

Conclusions:

The application submitted was well prepared, dealing with a tungsten deposit in Mineral County, Nevada. A 45° inclined shaft has been sunk 35 feet below the surface to explore and develop the deposit.

An assay map of this shaft submitted by the applicant showed values of tungsten ranging from 1/6% WO_3 to 3.44% WO_3. Three samples were taken by the Field Team reportedly taken in the areas of greatest apparent mineralization. These samples assayed as follows: .06% WO_3, .06% WO_3 and .20% WO_3. These assays show that the deposit is not commercial.

Recommendations:

The application is denied.

George B. Holderer

Attachments

George B. Holderer
Chief, Tungsten Branch

Approved:

Tom Lyon
Director, Supply Division

GBHolderer:jh
9/17/51

cc: DMA Docket File
Adm. Reading File
Mr. Holderer

DMA Field Team, Region III

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

SEP 19 1951

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The application is denied.

Attachments

George B. Holderer
Chief, Tungsten Branch

Approved:

Director, Supply Division

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. ~~1619X~~

To: Reports and Records Branch

From: ~~Tungsten Branch~~

Date: ~~September 17, 1951~~

The following action has been taken this date on the above Controlled Document.

Forwarded to ~~Reports and Records Through Supply Division~~

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $ _____

Other action, specify:

340

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

SEP 19 1951

Room - 3624

Memorandum

To: Reports & Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Tungsten Producers
c/o Prug, Hoar & Co.
6772 Hollywood Blvd.
Hollywood 28, California

Property: D. M. A. #1619X - Tungsten
Blue Jacket Tungsten
Mineral County,
Nevada

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Recommendations:

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George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Attachments

Approved:

Neil Lyon

GBHolderer:jh
9/17/51

Director, Supply Division
Adm. Reading File
Mr. Holderer
DMA Field Team, Region III

RE: DMA 1619X

INDEX OF FILE
TO
REPORTS AND RECORDS SECTION

1. 2 Copies of MF-103 with attached sheets
2. 1 Copy Letter to Boyd from Hoar dated 5/29/51
3. 1 Copy Letter to Hoar from Lyon dated 7/10/51
4. 1 " " Lyon from Hoar dated 7/31/51
5. 1 " " Miller " Holderer dated 8/22/51
6. 1 Map showing claims, geology, and assays
7. 1 Memo to Lyon from Miller dated 9/5/51
8. 1 Copy Field Report dated 8/30/51

9/17/51

Jm a 1619

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 9-13

REFERRED TO:

SEP 14 1951

1. Mr Holderer
2.
3.
4.

Acted by Mr. Holderer

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	✓ Reply for signature of Lyon
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: .....

Check (X) before the items needing attention.

L. Lyon
Initials of sender.

GPO 16—63815-1

Frug, Hoar & Company
6772 HOLLYWOOD BOULEVARD
HOLLYWOOD 28, CALIFORNIA
GLADSTONE 6164

MITCHELL A. FRUG, P.A.
FREDERIC W. HOAR, P.A.
RAYMOND A. FRUG, C.P.A.
HOWARD L. SCHULTZ, C.P.A.

BUSINESS & ESTATE MANAGEMENT
FEDERAL & STATE TAXES
AUDITS - ACCOUNTING
CABLE ADDRESS "FWOR"

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
SEP 12 8 48 AM '51

SEPTEMBER 7, 1951

U.S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D.C.

ATTENTION: MR. TOM LYON, DIRECTOR, SUPPLY DIVISION

DEAR SIR:

AS YOU UNDOUBTEDLY KNOW, TUNGSTEN PRODUCERS, INC. HAVE HAD AN APPLICATION PENDING REGARDING A LOAN FOR THE MINING OF TUNGSTEN AND WE ARE NOW INFORMED THAT A FIELD EXAMINATION HAS BEEN MADE.

IS IT POSSIBLE THAT YOU HAVE HAD A REPORT AND IF SO, WE WOULD APPRECIATE IT VERY MUCH IF YOU COULD GIVE US AN EARLY REPLY AS TO WHETHER A CONTRACT CAN BE ENTERED INTO AT THIS TIME. THE WORK HAS CONTINUED TO GREATER DEPTHS AND THE PROSPECTS ARE NOW EVEN BRIGHTER THAN WHEN THE FIELD EXAMINATION WAS MADE.

SINCERELY YOURS,

TUNGSTEN PRODUCERS, INC.

BY Fred W. Hoar

FWH:TBB

CC: MESSRS. RAY C. STONER
JOHN OLSON
FRED A. BENNETT

Denial left Tungsten Branch Sept. 14, 1951 CHG

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~BUREAU OF MINES~~
~~REGION III~~
DEFENSE MINERALS ADMINISTRATION

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

~~1015 APPRAISERS BLDG.~~
~~630 SANSOME STREET~~
~~SAN FRANCISCO 11, CALIF.~~

OFFICE OF
~~REGIONAL DIRECTOR~~
Executive Officer
DMA Field Team
Region III

September 5, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-1619X - Blue Jacket Tungsten, Mineral County, Nevada -- $20,000.

Reference is made to your subject letter to me dated July 13, requesting us to make an examination of the Blue Jacket Tungsten Claims, northwest of Mina, Nevada.

Attached are four copies of a report, "DMA-1619X - Blue Jacket Tungsten, Mineral County, Nevada", by John D. Warne, Mining Engineer, U. S. Bureau of Mines, and W. P. Irwin, Geologist, U. S. Geological Survey, dated August 30, 1951.

According to the report the scheelite mineralization in the Blue Jacket Tungsten Mine is not of sufficient interest to warrant Government participation in exploring the property.

Docket DMA-1619X is returned herewith.

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

Attachment

Copy to: E. H. Bailey, USGS

SEP 10 10 20 AM '51
DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1619X, Blue Jacket Tungsten

Mineral County, Nev.

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

W. P. Irwin, Geologist
U. S. Geological Survey

August 30, 1951

DOCKET DMA-1619X

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

BLUE JACKET TUNGSTEN
Mineral County, Nev.

SUMMARY

An engineer[1] of the Bureau of Mines and a geologist[2] of the U. S. Geological Survey examined the Blue Jacket tungsten property on July 31 and August 1, 1951.

The deposit is located about 3 miles southwest of Luning, Mineral County, Nevada in a foot-hill region north of the Excelsior Mountains and to the west of Soda Spring Valley (fig. 1).

Examination was made pursuant to an application for loan of $20,000 to conduct an exploration project, docket DMA-1619X. Ray C. Stoner, John H. Olson, Fred A. Bennett, and Fred W. Hoar (a co-partnership) are the applicants.

The property consists of three patented mining claims which were formerly prospected extensively for copper. Scheelite occurs within some of the same deposits previously explored for copper.

The Blue Jacket No. 1 45-degree inclined shaft is now being sunk to explore and develop the deposit. The present depth of the shaft is 35 feet below the surface; and the applicant proposes to continue the shaft to a minimum depth of 100 feet and to drive drifts 100 feet in each side direction from the bottom of the shaft.

1/ John D. Warne
2/ W. P. Irwin

Scheelite occurs along a shear zone between porphyry and limestone in tactite masses near the hanging wall contact of the porphyry. Three samples were taken from the richest concentrations of scheelite exposed in the shaft (fig. 2).

It is concluded that the general grade of the deposit is too low to warrant the expenditure of Government funds for further exploration.

INTRODUCTION

The purpose of the examination by the DMA Field Team was to evaluate grade, quantity, and geological aspects of the tungsten occurrences on the Blue Jacket mine property as possible justification for Government participation in an exploration project to cost approximately $20,000.

Work proposed by the Applicant consists of sinking the Blue Jacket No. 1 shaft from 35 to 100 feet in depth and driving 100-foot drifts in each direction from the shaft on the 100 level.

Mr. Fred A. Bennett and Frank Claton, the superintendent and foreman respectively, acted as guides during the examination and sampling.

HISTORY AND PRODUCTION

Blue Jacket Nos. 1 and 2 claims were patented during 1906 and the Copper John claim in 1923. At least 3 inclined shafts averaging about 50 feet in depth and numerous shallow pits and adits were driven to explore the deposits for copper. Ores exceeding 7 percent copper and a small amount of silver content were reported to have been mined. However, the extent of the deposits did not allow for

development, and no record of ore shipments from the property exist.

The presence of tungsten, in the form of scheelite, in addition to the copper mineralization was discovered during 1950 by the present owner Charles F. Noble. Some exploration work for tungsten with a bulldozer and shallow test pits were dug during March of 1951 by Mr. Noble. Work on the Blue Jacket No. 1 Shaft began in June 1951.

No tungsten ore has been produced or shipped from the mine.

LOCATION AND PHYSICAL FEATURES

The Blue Jacket tungsten mine is situated in an eroded foot hill region of moderate relief lying north of the Excelsior Mountains and south and west of Soda Spring Valley. The mining claims are located in sec. 8, T. 7 N., R. 34 E., about 3 miles southwest of Luning, in the Santa Fe Mining District, Mineral County, Nev. (fig. 1).

The property is accessible by automobile via 3.4 miles of unimproved road leading west of U. S. Highway No. 95 from a point 1.1 miles south of Luning and 7.5 miles north of Mina, Nev.

Altitudes range from 4,500 feet in the valley to 6,000 feet above sea level at the Blue Jacket mine.

The nearest railroad shipping point is at Luning which is served by a branch line of the Southern Pacific Railroad.

Electric power is available within 3 miles of the mine and water for domestic and mining purposes can be obtained during all seasons from the town of Luning, Nev.

PROPERTY AND OWNERSHIP

The property consists of three patented mining claims: Blue Jacket No. 1, Blue Jacket No. 2, and Copper John, Mineral Survey

No. 4614 (see fig. 1); owned by Charles F. Noble of Mina, Nev.

A co-partnership of Ray C. Stones, John H. Olson, Fred A. Bennett, and Fred W. Hoar, are the present operators and applicants for loan to conduct an exploration project, docket DMA-1619X, Mr. Ray C. Stoner is the lessee.

Titles to the claims were not investigated by the engineer.

LABOR AND LIVING CONDITIONS

No housing or suitable camping facilities exist at the mine. However, ample housing and living quarters may be found 4.5 miles from the property at the town of Luning or 11 miles away at Mina, Nev.

Very few skilled miners or laborers are available within the area. Present operators have been able to hire 2 or 3 temporary workers at wages ranging from $11 to $15 per day during the progress of work done on the Blue Jacket No. 1 Shaft.

MINE WORKINGS AND EQUIPMENT

Old mine workings are mostly caved and inaccessible. Only shallow prospects and adits are open for examination. The exposures which contain copper mineralization, generally reveal presences of some scheelite under the ultra violet light as previous work was done along the same lime-porphyry contact zone.

The Blue Jacket No. 1 Shaft was driven on a 45 degree inclination to a depth of 35 feet below the surface (see fig. 2 and attached photographs). The shaft dimensions are 6 feet in width and 7 feet in length inside of 6-inch square timber shaft sets. It is timbered with 4 sets to 25 feet depth, placed at 5-foot intervals below a

horizontal collar set, with some logging used along the hanging wall side.

Operators plan to divide the shaft into two compartments and to reduce the dimensions to about 5 feet by 6 feet (inside timbers) on future work below the 35 ft. level. They may change the angle of inclination of the shaft in order to follow the tungsten mineralized zone.

The following major equipment and installations are now being used in connection with shaft sinking operations:

1 Compressor, Worthington, radial type, 105 c.f.m. capacity. ($100 per month rental).

1 Hoist, M. Davis Iron Works, Denver, Colo. make, driven with Model "A" Ford engine, 18 in. drum, equipped with 300 ft. of 5/8-in. cable. ($30 per month rental).

1 Headframe (partially completed) 14 ft. vertical height above shaft collar, equipped with 12-in. sheave block (owned by operators).

2 Wheelbarrows, steel and rubber tire type (owned by operators).

1 Ore bucket, 1,000 lb. capacity (owned by operators).

1 Rock drill, 75 lb., Thor make, 7/8-in. chuck, equipped with drill steel, hose and other auxiliary equipment. ($30 per month rental).

1 Ford, 1-ton, pickup truck, 1946 model (owned by operators).

GEOLOGY, ORE, AND ORE RESERVES

A description of the geology, the ore, and a statement as to the ore reserves of the Blue Jacket scheelite deposit were made by William P. Irwin[3].

3/ Geologist, U. S. Geological Survey.

Geology

The Blue Jacket tungsten deposit is on the north limb of an easterly trending anticline in the Luning Limestone of Upper Triassic age. The limestone is intruded by a light-gray, fine-grained porphyry that appears to be a sill. The porphyry selectively contact-metamorphosed certain thin beds of limestone to quartz-garnet-epidote tactite. The tactite beds have an average thickness of about 1 foot, and in places as many as six parallel beds are distributed within 50 feet of the porphyry. The continuity of these beds along the strike could not be determined, owing to poor exposures. In places, the tactite contains the tungsten-bearing mineral scheelite.

Most of the workings are at, or near, the hanging wall contact of the porphyry. An inclined shaft, being sunk in July 1951, opens a shear zone between porphyry and limestone. The shear zone, which is believed to parallel the bedding of the limestone, is about 8 feet thick, strikes N. 30° E., and dips 45 degrees to the northwest. It consists of tactite, silicated limestone, limestone, and gouge, with fracture fillings and incrustations of chrysocolla, malachite, and azurite. Pyrite is the only sulfide mineral observed, and much of the zone is heavily stained with iron and manganese oxides.

The tactite occurs as rather continuous tabular masses in the shear zone and appears less sheared than the adjacent rock. The tactite masses average about 1 foot in thickness, but in places are as much as $2\frac{1}{2}$ feet thick. Locally parallel bodies of tactite occur side by side and at such places the shear zone seems to include more than one tactite bed.

The scheelite which is present in some of the tactite, fluoresces blue-white to very pale yellow under ultra violet light. Most of it occurs as small grains disseminated through the tactite, but blocky crystals as much as 1/8-inch in diameter are not uncommon. There is a marked concentration of the scheelite along fractures in the tactite.

Ore

The greatest concentrations of scheelite observed in the Blue Jacket deposit are exposed by the inclined shaft being worked when the mine was examined. In the shaft the scheelite is found chiefly at two places, one on the east wall at the bottom of the shaft, and the other on the west wall about 15 feet from the bottom of the shaft. The concentration on the east wall occurs in two parallel tactite bodies. Sample No. 1 taken across both bodies, a distance of 4.5 feet normal to the plane of the shear zone, assayed 0.06 percent WO_3. The scheelite concentration diminishes up the dip of the shear zone beyond a point about 5 feet above the bottom of the shaft, but appears to continue down the dip beyond the bottom of the shaft. The concentration on the west wall is of a grade similar to that on the east wall for a thickness of 1 foot and a length of 3 feet down the dip of the shear zone. The rest of the scheelite-bearing tactite exposed in the shaft is considerably lower in grade.

Ore Reserves

No ore reserves can be computed on the basis of the scheelite exposed at the Blue Jacket deposit. The assay results indicate that the two richest concentrations of scheelite exposed in the inclined shaft are much too low in grade to be classified as ore.

SAMPLING

Three samples were taken from the Blue Jacket No. 1 Shaft (see fig. 2). Descriptions of locations and analysis of the samples by the Bureau of Mines[4] are as follows:

Sample No.	% WO_3	Location
1	0.06	Channel sample, 4.5 ft. in length, taken across east side of shaft, at 35-foot depth adjacent to hanging wall.
2	0.06	Channel sample 2.2 ft. in length, taken across east side of shaft at 35-foot depth adjacent to hanging wall.
3	0.20	Speciman sample cut from 2.0 ft. width, across west side of shaft, at 25-foot depth (this sample chosen with the aid of ultra violet lamp).

PROPOSED EXPLORATION WORK TO BE PERFORMED BY APPLICANT

The applicant proposes to further explore the scheelite deposit by sinking the 45 degree Blue Jacket No. 1 Shaft from a present depth of 35 feet to a minimum of 100 feet in depth; and drifting 100 feet in each side direction from the bottom of the shaft along the deposit.

The total cost of the exploration work would be $20,000; and the project is estimated to be completed within five months time.

CONCLUSIONS AND RECOMMENDATIONS

1. Examination and sampling of the deposit indicate that the two richest concentrations of scheelite, which are exposed in the Blue Jacket No. 1 Shaft, are too low in grade to be classified as ore.

2. Participation by the Government in further exploration of the Blue Jacket tungsten mine is not recommended.

4/ Metallurgical Division, Hydrometallurgial Ore Dressing Branch, Reno, Nev.

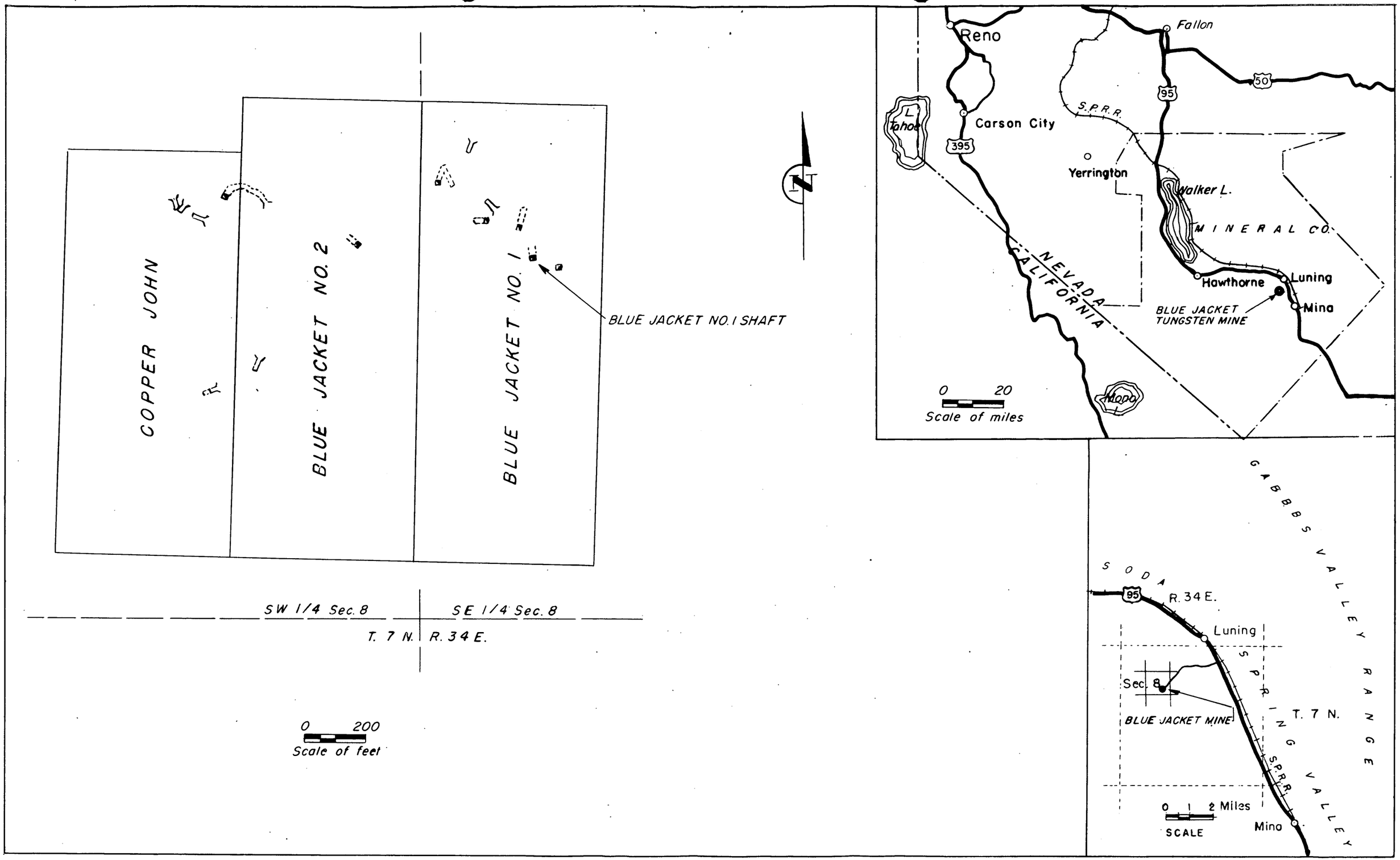


FIG. 1 LOCATION OF BLUE JACKET TUNGSTEN MINE AND CLAIMS-MINERAL CO., NEVADA

SAMPLE NO.	LENGTH	% WO_3
1	4.5 Ft.	0.06
2	2.2 Ft.	0.06
3	2.0 Ft.	0.20 (Specimen Sample)

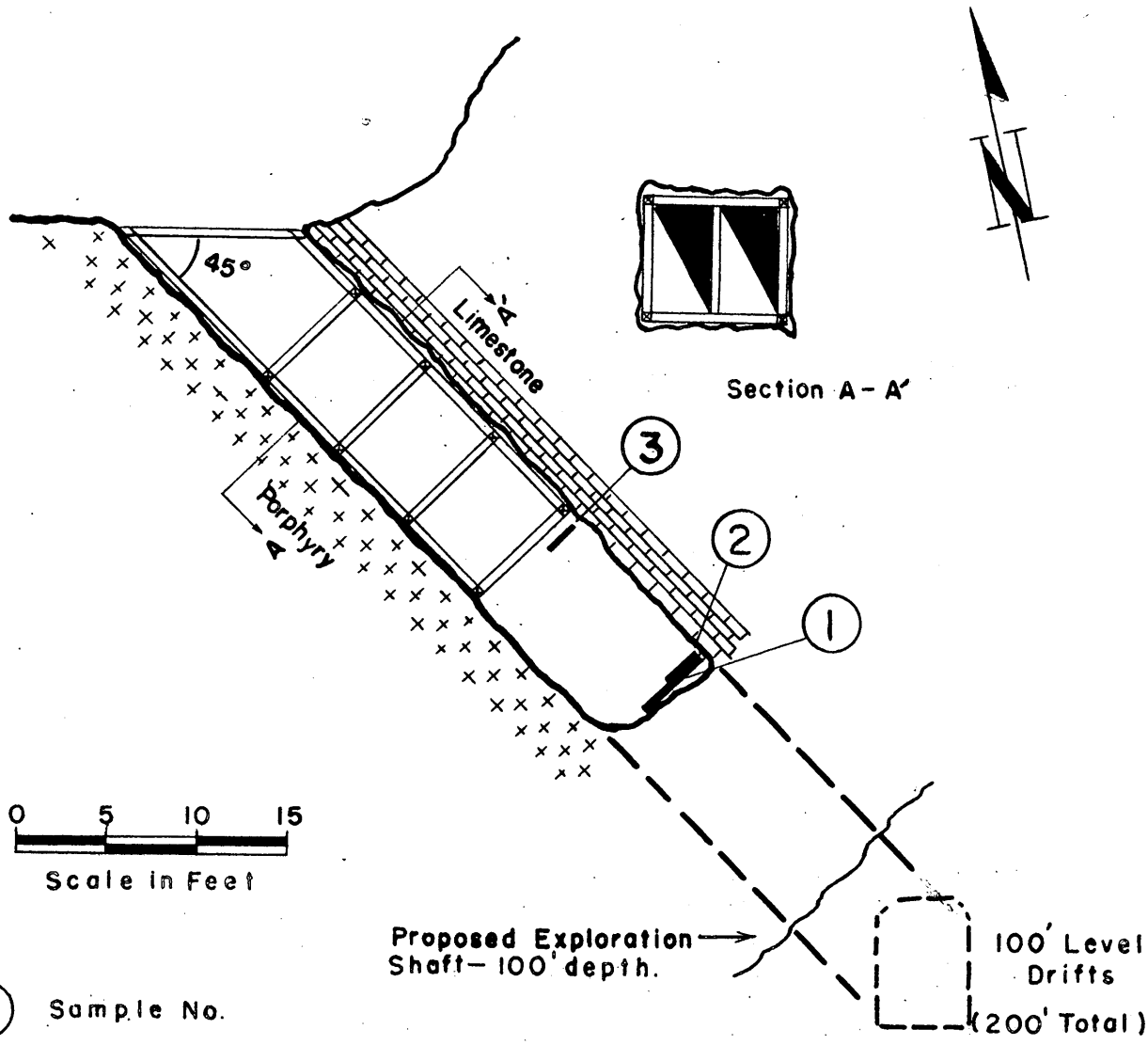


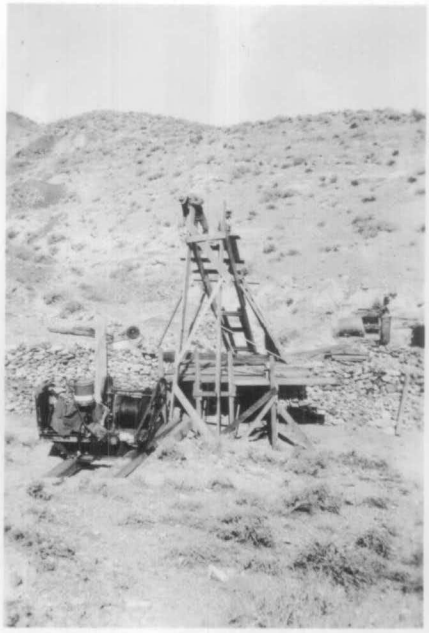
Fig. 2 Blue Jacket No. 1 Shaft — Section Showing Sample Locations

PHOTOGRAPHS TAKEN IN CONNECTION WITH EXAMINATION OF
BLUE JACKET TUNGSTEN MINE, MINERAL COUNTY, NEVADA,
AUGUST 1, 1951, DOCKET DMA-1619X

1. Looking nothewest at the headframe of Blue Jacket No. 1 Shaft, dumps of old mine workings are in the background.

2. Looking west at the headframe of Blue Jacket No. 1 Shaft with compressor and materials in foreground.

3. Looking down the 45 degree Blue Jacket No. 1 Shaft from the collar.



4. Looking northwest at the headframe of the Blue Jacket No. 1 Shaft showing hoist in foreground. Work was in progress building headframe and installing hoist at the time this picture was taken.

A. C. Johnson
B/M. Reese

Kindly attach this correspondence and map to docket 16198 which you hold. Your engineer may need it for his report.

HCU

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

Refer to	Noted	Date
	HCM	8-2
Answered		

AUG 20 1951

Air Mail

Mr. H. C. Miller, Executive Officer
DMA Field Team Region III
1012 Flood Building
870 Market St.
San Francisco 2, California

In reply please refer to:
DMA-1619-X Tungsten

Dear Mr. Miller:

We are enclosing a letter and map just received from the subject applicant, which please attach to your file for what assistance it may be in your examination.

Very truly yours,

George B. Holderer
Chief, Tungsten Branch

Enclosures

AUG 20 1951

Air Mail

Mr. E. C. Miller, Executive Officer
DMA Field Team Region III
1012 Flood Building
870 Market St.
San Francisco 2, California

Roy C. Stoner

G. E. e—

In reply please refer to:
DMA- 1619-X Tungsten

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George B. Holderer

George B. Holderer
Chief, Tungsten Branch

G. B. Holderer;ll Aug. 17, 1951

CC: File
Adm. Reading File
Reports and Records Unit
Mr. Holderer

RE: DMA 1619X

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8. 1 Copy Field Report dated 8/30/51

FILE COPY
SURNAME:

Holde...

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

Air Mail

AUG 20 1951

Mr. H. C. Miller, Executive Officer
DMA Field Team Region III
1012 Flood Building
870 Market St.
San Francisco 2, California

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George B. Holderer
Chief, Tungsten Branch

8/20

G. B. Holderer;ll Aug. 17, 1951

CC: File
Adm. Reading File
Reports and Records Unit
Mr. Holderer

Frug, Hoar & Company
6772 HOLLYWOOD BOULEVARD
HOLLYWOOD 28, CALIFORNIA
GLADSTONE 6164

MITCHELL A. FRUG, P.A.
FREDERIC W. HOAR, P.A.
RAYMOND A. FRUG, C.P.A.
HOWARD L. SCHULTZ, P.A.

BUSINESS & ESTATE MANAGEMENT
FEDERAL & STATE TAXES
AUDITS - ACCOUNTING
CABLE ADDRESS "FWOR"

JULY 31, 1951

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

ATTENTION: MR. TOM LYON, DIRECTOR, SUPPLY DIVISION

DEAR SIR; RE: DMA 1619-X

REFERENCE MADE TO YOUR LETTER OF JULY TENTH, 1951 REGARDING ADDITIONAL CLARIFICATION OF ANSWERS TO QUESTIONS NUMBER 21 AND 22 OF APPLICATION FORM MF-103 FOR EXPLORATORY WORK ON THE BLUE JACKET TUNGSTEN PROJECT.

#21. TO FURTHER THE EXPLORATION OF THE BLUE JACKET PROPERTY WE PROPOSE THE SINKING OF AN INCLINE SHAFT IN THE TUNGSTEN VEIN GOING BETWEEN THE LIME[illegible]ORPHYRY CONTACT LINES ON THE BLUE JACK[illegible]ER ONE. THIS WORK ACTUALLY HAS BEEN START[illegible]S AND SAID SHAFT IS AT PRESENT DOWN ABOUT [illegible]IRTY FIVE FEET. WE PROPOSE A DEPTH FOR THIS SHAFT OF AT LEAST ONE HUNDRED FEET WITH DRIFTINGS OF ONE HUNDRED FEET IN EACH SIDE DIRECTION FROM THE BOTTOM. A GREATER DEPTH WOULD NO DOUBT BE GREATLY DESIRED WITH EQUAL SIDE DRIFTINGS AT THE BOTTOM TO OPEN A GREATER BODY OF ORE. WE FEEL THAT THIS TYPE OF WORK WOULD UNDOUBTLY PROVE THE CHARACTER AND POTENTIAL VALUE OF OUR ORE BODY BESIDES DEVELOPING AN ORE BODY FOR EARLY AND QUICK PRODUCTION IN THESE TIMES OF URGENT NEED. THE WORK COULD WELL BE COMPLETED IN APPROXIMATELY FIVE MONTHS.

#22. YOUR ATTENTION TO STATEMENT SIGNED BY FRED A. BENNETT AND WHICH WAS ATTACHED TO THE ORIGINAL APPLICATION LISTS IN DETAIL THE POTENTIAL COMMERCIAL QUALITY OF THIS ORE BODY. WE ARE ENCLOSING

COPY

Frug, Hoar & Company
6772 HOLLYWOOD BOULEVARD
HOLLYWOOD 28, CALIFORNIA
GLADSTONE 6164

MITCHELL A. FRUG, P.A.
FREDERIC W. HOAR, P.A.
RAYMOND A. FRUG, C.P.A.
HOWARD L. SCHULTZ, P.A.

BUSINESS & ESTATE MANAGEMENT
FEDERAL & STATE TAXES
AUDITS - ACCOUNTING
CABLE ADDRESS "FWOR"

HEREWITH AS ADDITIONAL INFORMATION A MAP IN QUADRUPLICATE SHOWING THE EXACT OUTCROP WORK COMPLETED, WORK PROPOSED AND THE SHAFT ASSAY READINGS TO DATE.

WE UNDERSTAND THAT AN EARLY FIELD EXAMINATION IS BEING MADE BY THE SAN FRANCISCO OFFICER AND WE FEEL CONFIDENT FROM OBSERVATIONS MADE BY OTHER MINING MEN IN THE TUNGSTEN FIELD WHO LIKEWISE HAVE EXAMINED THE PROPERTY THAT THE QUALITY AND FORMATION LEADS THEM TO BELIEVE THAT IT WILL BECOME A VERY PRODUCTIVE MINE IN THE VERY NEAR FUTURE.

DO NOT HESITATE TO CALL UPON US FOR ADDITIONAL INFORMATION AS DESIRED.

THANKING YOU FOR YOUR PAST COURTESIES,

I REMAIN,

FWH:SAB
ENCLOSURE
CC- MR. OLSON
CC- MR. STONER
CC- MR. BENNETT

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JULY 31, 1951

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

ATTENTION: MR. TOM LYON, DIRECTOR, SUPPLY DIVISION

DEAR SIR; REF: DMA 1619-X

REFERENCE MADE TO YOUR LETTER OF JULY TENTH, 1951 REGARDING ADDITIONAL CLARIFICATION OF ANSWERS TO QUESTIONS NUMBER 21 AND 22 OF APPLICATION FORM DF-103 FOR EXPLORATORY WORK ON THE BLUE JACKET TUNGSTEN PROJECT.

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JULY 31, 1951

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

ATTENTION: MR. TOM LYON, DIRECTOR, SUPPLY DIVISION

DEAR SIR; RE: DMA 1619-X

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JULY 31, 1951

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

ATTENTION: MR. TOM LYON, DIRECTOR, SUPPLY DIVISION

DEAR SIR; RE: DMA 1619-X

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I REMAIN,

Fred W. Hoar

FWH:SAB
ENCLOSURE
CC-MR. OLSON
CC- MR. STONER
CC- MR. BENNETT

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 1 6 1951

Index- DMA 1619-X Tungsten

Sent to Field Team— Region III

1. Two copies form MF-103

2. Two photostat copies of WO_3 assay

3. Two photostat copies describing geology and mineralization

4. Two photostat copies each of lease and assignment of lease

5. Two photostat copies letter from Charles F. Noble to R. C. Stiner, dated April 13, 1951

1 3 1951

FILE COPY
SURNAME:

Selfridge
Lemmon

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

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

In reply please refer to:
DMA 1619-X Tungsten

Dear Mr. Miller:

It is requested that you arrange for a field examination of the Blue Jacket claims northwest of Mina, Nevada. Stoner, Bennett, Olson, and Hoar, a partnership, applied for an exploration project costing $20,000 on these claims. We cannot identify the claims from the description or names given, and are not sure whether they were ever examined by the Geological Survey or Bureau of Mines. The Geological Survey once examined prospects in the nearby Garfield district, and considered them worthless.

The applicants have not given sufficiently detailed answers to questions 21 and 22, and have provided no map or adequate sample information. If the Field Team believes that the property has any possibilities, please help the applicant to prepare the necessary exhibits.

The complete pocket for DMA 1619-X is enclosed.

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

Enclosures

DMLemmon:awj

Approved:

Lowell B. Moon

For Bureau of Mines

Olaf N. Rove

For Geological Survey

cc:Adm. Reading File
F I L E
Mr. Holderer
Mr. Lemmon
Reports & Records Unit

DMA 1619

85-6

FILE COPY
SURNAME:

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

Lemmon
Holderer
Lyon

July 10, 1951

Mr. Fred W. Hoar
6772 Hollywood Boulevard
Hollywood 28, California

In reply please refer to:
DMA 1619-X

Dear Mr. Hoar:

We have requested a field examination of the Blue Jacket tungsten prospect, Mineral County, Nevada in connection with your application for an exploration project costing $20,000. Neither the information that you submit nor the data in files of Government agencies is sufficient to permit rejection or acceptance of your proposal.

Your answers to questions 21 and 22 of the application form MF-103 are not specific enough. A detailed plan must be submitted showing exactly what work will be done and the reasons for doing it. The exploration contract, form MF-200, a copy of which is enclosed for your information, is accompanied by specific exhibits A through E which define the project precisely.

A field examination will be arranged by Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco, California.

Very truly yours,

Tom Lyon

Tom Lyon, Director,
Supply Division

Enclosure

DMLemmon:awj

cc:Adm. Reading File
Mr. Holderer
Mr. Lemmon
Field Team III
File
Reports & Records Unit

DMA 1619

B

DMA Form 2

DEFENSE MINERALS ADMINISTRATI

Status Change Notice

DMA Docket No. 1619x-Tungsten

To: Reports and Records Branch

From: Tungsten Branch

Date: July 9, 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to Field Team - Region III

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

Index- DMA 1619-X Tungsten

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

In reply please refer to:
DMA 1619-X Tungsten

Dear Mr. Miller:

It is requested that you arrange for a field examination of the Blue Jacket claims northwest of Mina, Nevada. Stoner, Bennett, Olson, and Moar, a partnership, applied for an exploration project costing $30,000 on these claims. We cannot identify the claims from the description or names given, and are not sure whether they were ever examined by the Geological Survey or Bureau of Mines. The Geological Survey once examined prospects in the nearby Garfield district, and considered them worthless.

The applicants have not given sufficiently detailed answers to questions 21 and 22, and have provided no map or adequate sample information. If the Field Team believes that the property has any possibilities, please help the applicant to prepare the necessary exhibits.

The complete pocket for DMA 1619-X is enclosed.

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

Enclosures

DMLemmon:awj

Approved:

cc:Adm. Reading File
F I L E
Mr. Holderer
Mr. Lemmon
Reports & Records Unit

For Bureau of Mines

For Geological Survey

Draft

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1012 Flood Building
870 Market Street, San Francisco, Calif.

DMA 1619-x Tungsten

Dear Mr. Miller:

It is requested that you arrange for a field examination of the Blue Jacket claims northwest of Mina, Nevada. Stoner, Bennett, Olson, and Hoar, a partnership, applied for an exploration project costing $20,000 on these claims. We cannot identify the claims from the description or names given, and are not sure whether they were ever examined by the Geological Survey or Bureau of Mines. The Geological Survey once examined prospects in the nearby Garfield district, and considered them worthless.

The applicants have not given sufficiently detailed answers to questions 21 and 22, and have provided no map or adequate sample information. If the Field Team believes that the property has any possibilities, please help the applicant to prepare the necessary exhibits.

~~We are separately referring DMA 1222 (Dow Metals, Inc., Luning, Nevada for field examination, and you may wish to schedule both examinations by the same field party.~~

The complete docket for DMA 1619-x is enclosed.

Sincerely yours,

Tom Lyon
Chairman, Coordinating Committee

enclosures

D.M.Lemmon July 6, 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DRAFT

Mr. Fred W. Hoar
6772 Hollywood Boulevard
Hollywood 28, California

In reply please refer to DMA 1619 x
Tungsten

Dear Mr. Hoar:

We have ~~referred your application for an exploration~~ requested a field examination of the Blue Jacket tungsten prospect, Mineral County, Nevada in connection with your application for an exploration project costing $20,000. Neither the information that you submit nor the data in files of Government agencies is sufficient to permit rejection or acceptance of your proposal.

Your answersto questions 21 and 22 of the application form MF-103 are not specific enough. A detailed plan must be submitted showing exactly what work will be done and the reasons for doing it. The exploration contract, form MF-200, a copy of which is enclosed for your information, is accompanied by specific exhibits A through E which define the project precisely.

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Very truly yours,

Tom Lyon
~~Chairman~~ Director, Supply Division

enclosure

cc (2) Field Team, Region III, S.F.

D.M.Lemmon July 6, 1951

1619-X

Letter 4/29/51 from Fred A. Hoar
not answered as letter
about field referral was
written to him 7/10/51

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

JUL 3 1951 Recent

DATE JUL 3 1951

REFERRED TO: by Mr. Holden

1. Goodwin R 3624
2.
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	✓ Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: .....

Check (X) before the items needing attention.

HB

LANDON F. STROBEL

Initials of sender.

GPO 16—63815-1

Air Mail
Hoeder

Frug, Hoar & Company
6772 HOLLYWOOD BOULEVARD
HOLLYWOOD 28, CALIFORNIA
GLADSTONE 6164

MITCHELL A. FRUG, P.A.
FREDERIC W. HOAR, P.A.
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BUSINESS & ESTATE MANAGEMENT
FEDERAL & STATE TAXES
AUDITS - ACCOUNTING
CABLE ADDRESS "FWOR"

1619X

JUNE 29, 1951

DR. JAMES BOYD
ADMINISTRATOR, DEFENSE MINERALS ADMINISTRATION
DEPARTMENT OF INTERIOR
WASHINGTON 25, D. C.

DEAR SIR:

ON MAY 29, 1951, FORM MF-103 WAS FILED WITH YOUR OFFICE ON BEHALF OF RAY C. STONER, JOHN H. OLSON, FRED A. BENNETT AND FRED W. HOAR, DBA TUNGSTEN PRODUCERS, INC.

TO DATE, WE HAVE NOT RECEIVED A DOCKET NUMBER ON THE LOAN APPLICATION.

SINCE THE EXPLORATION WORK IS BEING PURSUED DILIGENTLY AND EXCELLENT SHOWINGS ARE BEING FOUND AT APPROXIMATELY A DEPTH OF 40 FEET, IT IS SINCERELY REQUESTED THAT THIS APPLICATION RECEIVE YOUR EARLY CONSIDERATION.

SINCERELY YOURS,

Fred W. Hoar

FWH/P

Referred to field team for examination 7/6/10/51 DMC

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 - 1951
LANDON F. STROBEL
Executive Secretary

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-1619X

Date received 6/5/51

Participation

Name and address of applicant

[illegible] G. [illegible], [illegible] M. [illegible],
[illegible] [illegible] AND [illegible] M. [illegible]
(A CO-PARTNERSHIP), DBA
TUNGSTEN [illegible]
C/O [illegible], [illegible] COMPANY
5772 [illegible] BLVD
HOLLYWOOD [illegible], CALIFORNIA

Date May 1, 1951

FILL IN THIS BLOCK

Date of application May 1, 1951

Estimated cost [illegible]

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 4 miles northwest of Luning,
Mineral County, Nevada

Date of filing MF-100 None filed

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.

ANSWERS TO QUESTIONS 1 THROUGH 24 ATTACHED.

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.

Tungsten Producers
(Name of company)

By Fred W. Shaw
(Signature of authorized official)

May 28, 1951
(Date)

Partner
(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

ATTACHED TO FORM LF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24

1. APPLICANT IS A PARTNERSHIP.

2. R. C. STONER - 5129 PALM DRIVE, LA CANADA, CALIFORNIA
JOHN H. OLSON - 1605 SOUTH CENTRAL, GLENDALE, CALIFORNIA
FRED A. BENNETT - BOX 164, MINA, NEVADA
FRED W. HOAR - 6772 HOLLYWOOD BLVD, LOS ANGELES 28, CALIFORNIA

3. APPLICATION FOR INCORPORATION AS TUNGSTEN PRODUCERS, INC. HAS BEEN SUBMITTED TO SECRETARY OF STATE IN NEVADA.

4. R. C. STONER - FIFTEEN YEARS' GENERAL EXPERIENCE IN MINING. DURING WORLD WAR II, MINED MANGANESE IN PLUMAS COUNTY, CALIFORNIA. ASSOCIATED WITH CHANNEL GOLD MINE IN ARIZONA, LAST CHANCE MINE IN CALIFORNIA, STANDARD MINE IN CALIFORNIA AND GOLD ROD MINE IN ARIZONA.

FRED A. BENNETT - FORTY YEARS' EXPERIENCE IN MECHANICAL ENGINEERING, MANUFACTURING AND SALES. LAST TEN YEARS, PRACTICAL MINING EXPERIENCE IN CALIFORNIA.

JOHN H. OLSON - MANUFACTURER, OWNER AND DISTRIBUTOR OF L. B. HAIR OIL PRODUCTS FOR PAST 25 YEARS. MINED GOLD IN ALASKA MANY YEARS AGO.

FRED W. HOAR - BUSINESS MANAGER IN LOS ANGELES FOR PAST 20 YEARS. LICENSED PUBLIC ACCOUNTANT IN STATE OF CALIFORNIA.

5. LESSEE OF PROPERTY.

6. NOT APPLICABLE.

7. COPY OF LEASE AND ASSIGNMENT OF LEASE ATTACHED HERETO.

8. STATEMENT OF ASSETS AND LIABILITIES AS AT APRIL 30, 1951.

ASSETS	
CASH ON HAND AND IN BANK	$4,215.69
ADVANCE ROYALTY PAYMENT	500.00
INSURANCE DEPOSIT	100.00
LEASEHOLD AND ROAD COSTS	1,100.00
EXPLORATION COSTS	1,491.82
TRUCK	700.00
EQUIPMENT AND TOOLS	492.49
TOTAL ASSETS	$8,600.00
LIABILITIES	
ACCOUNTS PAYABLE TO PARTNERS:	
R. C. STONER	$1,100.00
JOHN H. OLSON	7,500.00
TOTAL LIABILITIES	$8,600.00

ATTACHED TO FORM NF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24 (CONT'D)

9. APPLICANT AT PRESENT CAN INVEST ANOTHER $5,000.00 FOR EXPLORATION OF THE PROPERTY, WHICH SHOULD BE SUFFICIENT TO COVER ITS SHARE OF THE FUTURE COSTS.

10. (A) THREE CLAIMS LOCATED IN MINERAL COUNTY, STATE OF NEVADA, OWNED BY CHARLES F. NOBEL OF MINA, NEVADA, AND RECORDED WITH COUNTY RECORDER AS BLUE JACKET #1, BLUE JACKET #2 AND COPPER JOHN.

(B) SAME AS (A) ABOVE.

11. PRESENT NAME OF PROPERTY IS BLUE JACKET MINE.

12. CLAIMS ARE LOCATED 3½ MILES WEST OF HIGHWAY 6 AT A POINT 1 MILE SOUTH OF LUNING AND 7 MILES NORTH OF MINA. AN ALL-WEATHER ROAD HAS BEEN MADE TO THE PROPERTY. THERE IS AN APPROXIMATE 6% GRADE DOWN HILL TO THE NEAREST RAILROAD SHIPPING POINT LOCATED AT LUNING 4½ MILES DISTANT. A POWER LINE RUNS WITHIN 3 MILES OF THE PROPERTY.

13. WATER CAN BE OBTAINED AT ALL SEASONS IN THE TOWN OF LUNING. NO ELECTRIC POWER OTHER THAN THAT FURNISHED BY GASOLINE DRIVEN EQUIPMENT WILL BE NECESSARY FOR PRESENT PROPOSED EXPLORATION.

14. THERE ARE NO EXISTING FACILITIES. POWER CAN BE OBTAINED WITHIN 3 MILES.

15. ADEQUATE MILLING FACILITIES ARE AVAILABLE WITHIN 30 MILES AT THE NEW 100 TON DUNHAM SCHEELITE MILL. WE HAVE ALSO BEEN APPROACHED BY THE OPERATORS OF THE SODAVILLE MILL LOCATED APPROXIMATELY 6 MILES SOUTH OF MINA. FACILITIES ARE ALSO AVAILABLE IN BISHOP 110 MILES TO THE SOUTH.

16. PROPERTY WAS ORIGINALLY LOCATED AS A PROSPECTIVE COPPER PROPERTY MANY YEARS AGO. LARGE QUANTITIES OF FLOAT SHOWING SCHEELITE APPEAR OVER THE ENTIRE AREA. APPROXIMATELY FIFTEEN PROSPECTING HOLES REVEAL SCHEELITE OF THE HIGHEST GRADE FREE OF IMPURITIES.

17. NOT IN PRODUCTION.

18. NONE.

19. NONE.

20. SCHEELITE ORE.

21. FURTHER EXPLORATION IS NECESSARY TO LOCATE LODE AND EXTENT OF MAIN BODY. PRESENT INDICATIONS ARE THAT A LARGE ORE BODY OF GREAT DEPTH DOES EXIST. IT IS ESTIMATED THAT SUFFICIENT WORK CAN BE DONE IN FIVE MONTHS' TIME SINKING SHAFTS TO GREATER DEPTH, OPEN CUTS, DRIFTS AND POSSIBLY CORE DRILLING.

ATTACHED TO FORM MF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24 (CONT'D)

22. SEE ATTACHED STATEMENT SIGNED BY FRED A. BENNETT, WHO IS SUPERINTENDENT OF THE PROJECT.

23. (A) 2 MINERS @ 1.75 PER HOUR OR $140.00 PER WEEK
2 MUCKERS @ 1.50 PER HOUR OR $120.00 PER WEEK
2 NIGHT MEN @ 1.50 PER HOUR OR $120.00 PER WEEK
20 WEEKS @ $380.00 — $7,600.00

(B) 1 SUPERINTENDENT AND FOREMAN @ $550.00 PER MONTH — 2,750.00

(C) WIDENING NEW ROAD — 250.00

(D) TOOL HOUSE AND SHEDS — 750.00
HEADFRAMES FOR SHAFTS — 1,000.00

(E) NONE

(F) GASOLINE HOISE @ $100.00 PER MONTH — 500.00
COMPRESSOR AND HAMMERS @ $130.00 PER MONTH — 650.00
LIGHT PLANT @ $75.00 PER MONTH — 375.00
MISCELLANEOUS — 500.00

(G) TRUCK @ $50.00 PER MONTH — 250.00

(H) SMALL HAND TOOLS — 550.00
POWDER, FUSE AND CAPS — 800.00
STEEL, ETC. — 350.00
MISCELLANEOUS SUPPLIES, INSURANCE, TAXES, ETC. — 1,850.00

(I) MEALS, ROOMS, TRANSPORTATION, INCIDENTALS — 1,500.00

TOTAL — $19,675.00

24. 30 DAYS - 10%
90 DAYS - 50%
120 DAYS - 85%
150 DAYS - 100%

A. V. HERR LABORATORY

ASSAYERS AND CHEMISTS

SINCE 1902

LABORATORY 5176 HOLLYWOOD BLVD. PHONE OL. 5052

HOLLYWOOD 27, CALIFORNIA, Mar, 12, 19 51

CERTIFICATE № 12642

WE HEREBY CERTIFY THAT THE SAMPLES ASSAYED FOR Mr. R. C. Stoner
GAVE THE FOLLOWING RESULTS:

OWNER'S MARK	GOLD OZ. PER TON	SILVER OZ. PER TON	WO_3					VALUE PER TON
Samples of Scheelite,								
#1- Mill Run Grade,			0.40%					$24.00
#2- Grade Ore,			1.12%					$67.20

GOLD @ $_____ PER OZ. WO_3 $60.00 per unit, (for 60% concentrate)

SILVER @ $_____ PER OZ. CHARGES $ Pd.

ASSAYER

lue Jacket Tungsten

The Tungsten Ore found on the Blue Jacket Property is Scheelite and occure along a lime-porphyry contact. The scheelite is associated with garnet, epidote and quartz.

Approximately I5 miles South of the Blue Jacket Property the scheelite found in the Silver Dyke Tungsten Mine all occured in quartz. There was no garnet in the Silver Dyke ore. Many millions were produced from the Silver Dyke Mine.

Approximately 30 miles East of the Blue Jacket Property the scheelite found found in the several properties of that area notably the Gun Metal Tungsten Mine now being operated by the Lindsay Mining Company all occurs in garnet. There is no quartz found in the Gun Metal ore.

The Blue Jacket vein contains both garnet and quartz and scheelite is found in both the garnet and quartz. This is believed to be a very favorable geological condition.

The Blue Jacket vein, a metamorphic contact type, occurs along an intensely mineralized contact which crosses the Blue Jacket Property for a distance of approximately I800 feet. A series of open cuts scattered along this contact has revealed scheelite ore in many places throughout much of the length of this contact zone. Substancial vein widths are indicated although further development work will have to be done to determine actual widths. To determine this and also to ascertain the average values in the vein and also to open up the property at depth an incline shaft has been started at approximately the lowest point along the contact. At the collar of this shaft the vein at the surface is approximately I5 feet wide, with a well defined gouge appearing along the footwall between the vein and the porphyry. The quarts as found in the vein at the shaft collar is largely concentrated along the hanging wall side of the vein, closer to the lime which forms the hanging wall. Garnet and epidote are disseminated throughout the vein from wall to wall.

The strike of the vein or contact is almost East and West, and at the shaft collar the vein dips toward the North approximately 45 degrees. This dip of the vein toward the North is in conformity with the dip of the entire formation.

The scheelite so far encountered on the Blue Jacket Property lamps a very beautiful, clean, brilliant, blue-white and is believed to be of unusual high quality. Some copper, largely in the form of Malachite and Chrysocolla is found in limited quantitly in the vein, but as far as is known is in no way chemically combined with the scheelite. The scheelite pans a beautiful snow-white.

Due to the fine surface showings, due to the intensive mineralization found throughout the length of the contact zone, due to the apparent excellent character of the ore, due to the favorable geological conditions particularly at the point where the incline shaft is being started, an intensive exploration program is warranted and recommended.

Fred A. Bennett
Supt. of Operations

P. O. Box 164,
Mina, Nev.
May 25th, I95I

LEASE

THIS LEASE made and entered into at Mina, Nevada this I5th day of March, I95I by and between Charles F. Noble, Hereinafter designated as Lessor and Ray C. Stoner, hereinafter referred to as Lessee.

WITNESSETH

That for and in consideration of the sum of Ten Dollars ($IO.00) lawful money of the United States of America paid by Lessee to Lessor, receipt of which is hereby acknowledged, the Lessor hereby LEASES the Blue Jacket No. I, Blue Jacket No. 2 and Copper John, Patented Mining Claims, surveyed under Mineral Survey No. 46I4 and situated in Mineral County, State of Nevada, to the Lessee for a period of Ten (IO) years from date with Option to Renew for an additional Ten (IO) years on the following terms and conditions:

First. The Lessee shall pay to the Lessor a Ten Percent (IO%) gross royalty on all ore, concentrates, precipitates or metal shipped and sold from said property. The Lessee shall furnish Lessor with duplicate copies of all sales records of all ore, concentrates, precipitates or metal sold, and Lessee shall pay all royalties on the 25th of each month for all ore, concentrates, precipitates or metal sold during the previous month.

Second. The Lessee sjall pay to the Lessor Five Hundred Dollars ($500.00) advanced royalty on the signing of this LEASE. This Five Hundred Dollars ($500.00) advanced royalty shall be deducted from the first Five Hundred Dollars ($500.00) in royalties due Lessor under the terms of this LEASE. If for any reason whatsoever Lessee terminates or abandons this LEASE, the Five Hundred Dollars ($500.00) advanced royalty shall be forfeited and shall not constitute a lien on the property nor an obligation on the part of the Lessor, and in such an event the Lessee shall make no demands whatsoever on the Lessor for the return of the Fuve Hundred Dollars ($500.00) advanced royalty nor any part thereof.

Third. Beginning May Ist, I95I, Lessee shall perform on the property not less than Seventy Five (75) shifts of work each and every month throughout the life of this LEASE unless prevented from doing so by strikes, Government Edict or an Act of God. Eight (8) hours of work by one man shall constitute one (I) shift.

Fourth. Lessee shall keep said property free and clear of any and all liens, encumbrances or debt of any kind whatsoever that may arise out of any labor performed on said property or material, supplies or machiney purchased for any mining or milling operation on said property. Lessee shall post Notices of Non-Liability on said property as provided by the Laws of the State of Nevada protecting said property and Lessor against and liens, encumbrances or debts incurred by Lessee arising out of the operation of said property by Lessee.

Fifth. Lessee shall keep Lessor harmless form and damages arising out of any accident to himself, assignees, employees, associates, contractors or invitees on said property, and Lessee shall carry sufficient Compensation Insurance to cover all his employees at all times, and in the event Lessee contracts any work on said property Lessee shall either carry sufficient Compensation Insurance to cover any such contractors and their employees or Lessee shall see that any such contractors themselves carry sufficient Compensation Insurance to protect themselves and their employees.

Sixth. Lessee shall conduct all his mining and milling operations in accord with the Mining Laws of the State of Nevada and of the United States.

Seventh. Lessee shall pay any and all taxes that may be levied on said property or on any and all ore, concentrates, precipitates or metal produced from said property during the life of this LEASE and Lessee shall also pay all taxes levied on any equipment, machinery or mill placed on said property.

Eighth. Lessor shall have the right to visit and inspect said property or any mining or milling operation thereor or connected with said property at any time, and Lessor shall have the right to inspect Lessee's books and records pertaining to the operation of said property at any reasonable time, and Lessor shall, at his own expense, have the right to audit Lessee's books.

Ninth. Failure on the part of the Lessee to pay the Five Hundred Dollars ($500.00) advnaced royalty on the signing of this LEASE, or failure of the part of the Lessee to perform the Seventy Five (75) shifts of work per month as required by this LEASE, or failure on the part of Lessee to perform any on the other terms and conditions of this LEASE shall terminate this LEASE and render it null and void.

Tenth. Lessee shall have the right to remove any equipment, machinery or mill off of said property that Lessee may place on said property, providing Lessee shall remove any such equipment, machinery or mill off of said property within Ninety (90) days of the termination of this LEASE.

Eleventh. Lessee shall have the right to assign this LEASE.

Twelfth. The terms and conditions of this LEASE shall be binding on the heirs, administrators and/or assigns of all parties to this LEASE.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

Charles F. Noble
LESSOR

R.C. Stoner
LESSEE

STATE OF NEVADA,
County of Mineral } ss.

On this 16th day of March A. D. one thousand nine hundred and fifty one personally appeared before me, L.E.Cornelius, a Notary Public in and for the said County of Mineral,

Charles F. Noble and R.C.Stoner

known to me to be the person s described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the County of Mineral, the day and year in this certificate first above written.

L E Cornelius
Notary Public in and for the County of Mineral, State of Nevada.

Carlisle's Form No. 36N—(Acknowledgement General)

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENTS: That I, Ray C. Stoner in consideration of $10.00 to me in hand paid by TUNGSTEN PRODUCERS, a partnership composed of John H. Olson, Fred Bennett, Fred W. Hoar, and Ray C. Stoner, the receipt of which is hereby acknowledged, and for other good and valuable consideration, do hereby sell, transfer, assign and set over to said TUNGSTEN PRODUCERS partnership, its successors and assigns all of my right, title and interest in and to the following described mining claims situated in Mineral County, Nevada, to wit:

Blue Jacket, also known as Blue Jacket #1,
Blue Jacket #2, and Copper John,

including all rights of action or otherwise to me accrued or hereafter to accrue thereunder , and hereby authorize said TUNGSTEN PRODUCERS partnership in its own name to sue for and take all legal steps that it may deem necessary or proper in connection therewith; and I further declare that my interest in said mining claims consists of a certain lease, and option to renew, dated March 15, 1951 from Charles F. Nobel, of Mina, Nevada; to which lease reference is hereby made.

IN WITNESS WHEREOF, I have hereunto set my hand this 3rd day of ~~April~~ May, 1951.

Ray C. Stoner

Executed in the city of ~~Los Angeles~~ Hawthorne, county of ~~Los Angeles~~ Mineral, state of ~~California~~ Nevada.

STATE OF ~~CALIFORNIA~~ Nevada)
COUNTY OF ~~LOS ANGELES~~ Mineral) ss

On May Third 1951, before me a Notary Public in and for said county and state, personaly appeared Ray C. Stoner, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same.

[illegible]
Notary Public in and for said County and State

My Comm. exp. Jan. 25, 1955

Law Offices of
SWANN, JR.
Rodeo Drive
Hills, Calif.
5-4990

#7-A

P. O. Box 208,
Mina, Nevada.
April I3th, I95I.

Mr. R. C. Stoner,
5I29 Palm Drive,
La Canada, Calif.

Dear Mr. Stoner:

Confirming our conversation of this date, please be advised that as long as you operate and maintain a substantial interest in the LEASE dated March I5th, I95I and covering the Blue Jacket No., Blue Jacket No. 2 and Copper John Patented Mining Claims, I am agreeable to the number of shifts of work to be performed onsaid property being based on a Calendar Quarterly basis of Two Hundred and Twenty Five (225) shifts per Calendar Quarter instead of Seventy Five (75) shifts per month.

Also if during the time you operate and maintain a substantial interest in said LEASE the price of Tungsten should drop to a level where profitable operation is not possible,with your own mill at or near said property, I am agreeable to a suspension of the shifts of work to be performed until such a time as the price raises again to a profitable level. In the event of any dispute over this matter the matter shall be submitted to arbitration with you appointing one arbitrator, myself appointing one arbitrator and the two thus appointed selecting a third, and with the decision of such arbitration being binding upon both yourself and myself.

My agreeing to basing the work shifts on a Quarterly basis instead of a monthly basis and my agreeing to a possible suspension of the work shifts in the event of the dropping of the price of Tungsten to an uhprofitable level shall not be binding in the event you sell said LEASE, or dispose of your interest therein.

Very truly yours,

Charles F. Noble

Accepted and approved:

R. C. Stoner

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Filed for Record at request of

Guy C. Stover

April 13, 1917 at 33

min. past 2 o'clock P. M.

Recorded in Book 9

Miscellaneous

Page 546 Records of

Mineral County, Nevada

J. J. Farnelly

County Recorder

By ..... Deputy

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-1619X

Date received 6/5/51

Participation

RAY C. STONER, JOHN H. OLSON,
FRED BENNETT AND FRED W. HOAR
(A CO-PARTNERSHIP), DBA
TUNGSTEN PRODUCERS
c/o FRUG, HOAR & COMPANY
6772 HOLLYWOOD BLVD
HOLLYWOOD 28, CALIFORNIA

Name and address of applicant

Date MAY 1, 1951

FILL IN THIS BLOCK

Date of application MAY 18, 1951

Estimated cost $20,000.00

Mineral or metal TUNGSTEN

Percentage of Government participation 75%

Location of mine 4½ MILES SOUTHWEST OF LUNING, MINERAL COUNTY, NEVADA

Date of filing MF-100 NONE FILED

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.

ANSWERS TO QUESTIONS #1 THROUGH #24 ATTACHED.

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.

Tungsten Producers
(Name of company)

By Fred W. Lobar
(Signature of authorized official)

May 28, 1951
(Date)

Partner
(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

ATTACHED TO FORM NF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24

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2. R. C. STONER - 5129 PALM DRIVE, LA CANADA, CALIFORNIA
JOHN H. OLSON - 1605 SOUTH CENTRAL, GLENDALE, CALIFORNIA
FRED A. BENNETT - BOX 164, MINA, NEVADA
FRED W. HOAR - 6772 HOLLYWOOD BLVD, LOS ANGELES 28, CALIFORNIA

3. APPLICATION FOR INCORPORATION AS TUNGSTEN PRODUCERS, INC. HAS BEEN SUBMITTED TO SECRETARY OF STATE IN NEVADA.

4. R. C. STONER - FIFTEEN YEARS' GENERAL EXPERIENCE IN MINING. DURING WORLD WAR 11, MINED MANGANESE IN PLUMAS COUNTY, CALIFORNIA. ASSOCIATED WITH CHANNEL GOLD MINE IN ARIZONA, LAST CHANCE MINE IN CALIFORNIA, STANDARD MINE IN CALIFORNIA AND GOLD ROD MINE IN ARIZONA.

FRED A. BENNETT - FORTY YEARS' EXPERIENCE IN MECHANICAL ENGINEERING, MANUFACTURING AND SALES. LAST TEN YEARS, PRACTICAL MINING EXPERIENCE IN CALIFORNIA.

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FRED W. HOAR - BUSINESS MANAGER IN LOS ANGELES FOR PAST 20 YEARS. LICENSED PUBLIC ACCOUNTANT IN STATE OF CALIFORNIA.

5. LESSEE OF PROPERTY.

6. NOT APPLICABLE.

7. COPY OF LEASE AND ASSIGNMENT OF LEASE ATTACHED HERETO.

8. STATEMENT OF ASSETS AND LIABILITIES AS AT APRIL 30, 1951.

ASSETS	
CASH ON HAND AND IN BANK	$4,215.69
ADVANCE ROYALTY PAYMENT	500.00
INSURANCE DEPOSIT	100.00
LEASEHOLD AND ROAD COSTS	1,100.00
EXPLORATION COSTS	1,491.82
TRUCK	700.00
EQUIPMENT AND TOOLS	492.49
TOTAL ASSETS	$8,600.00
LIABILITIES	
ACCOUNTS PAYABLE TO PARTNERS:	
R. C. STONER	$1,100.00
JOHN H. OLSON	7,500.00
TOTAL LIABILITIES	$8,600.00

ATTACHED TO FORM MF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24 (CONT'D)

9. APPLICANT AT PRESENT CAN INVEST ANOTHER $5,000.00 FOR EXPLORATION OF THE PROPERTY, WHICH SHOULD BE SUFFICIENT TO COVER ITS SHARE OF THE FUTURE COSTS.

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(B) SAME AS (A) ABOVE.

11. PRESENT NAME OF PROPERTY IS BLUE JACKET MINE.

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17. NOT IN PRODUCTION.

18. NONE.

19. NONE.

20. SCHEELITE ORE.

21. FURTHER EXPLORATION IS NECESSARY TO LOCATE LODE AND EXTENT OF MAIN BODY. PRESENT INDICATIONS ARE THAT A LARGE ORE BODY OF GREAT DEPTH DOES EXIST. IT IS ESTIMATED THAT SUFFICIENT WORK CAN BE DONE IN FIVE MONTHS' TIME SINKING SHAFTS TO GREATER DEPTH, OPEN CUTS, DRIFTS AND POSSIBLY CORE DRILLING.

ATTACHED TO FORM MF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24 (CONT'D)

22. SEE ATTACHED STATEMENT SIGNED BY FRED A. BENNETT, WHO IS SUPERINTENDENT OF THE PROJECT.

23.

(A)	2 MINERS @ 1.75 PER HOUR OR $140.00 PER WEEK 2 MUCKERS @ 1.50 PER HOUR OR $120.00 PER WEEK 2 NIGHT MEN @ 1.50 PER HOUR OR $120.00 PER WEEK 20 WEEKS @ $380.00	$7,600.00
(B)	1 SUPERINTENDENT AND FOREMAN @ $550.00 PER MONTH	2,750.00
(C)	WIDENING NEW ROAD	250.00
(D)	TOOL HOUSE AND SHEDS	750.00
	HEADFRAMES FOR SHAFTS	1,000.00
(E)	NONE	
(F)	GASOLINE HOISE @ $100.00 PER MONTH	500.00
	COMPRESSOR AND HAMMERS @ $130.00 PER MONTH	650.00
	LIGHT PLANT @ $75.00 PER MONTH	375.00
	MISCELLANEOUS	500.00
(G)	TRUCK @ $50.00 PER MONTH	250.00
(H)	SMALL HAND TOOLS	550.00
	POWDER, FUSE AND CAPS	800.00
	STEEL, ETC.	350.00
	MISCELLANEOUS SUPPLIES, INSURANCE, TAXES, ETC.	1,850.00
(I)	MEALS, ROOMS, TRANSPORTATION, INCIDENTALS	1,500.00
	TOTAL	$19,675.00

24.

30 DAYS	-	10%
90 DAYS	-	50%
120 DAYS	-	85%
150 DAYS	-	100%

LEASE

THIS LEASE made and entered into at Mina, Nevada this I5th day of March, I95I by and between Charles F. Noble, Hereinafter designated as Lessor and Ray C. Stoner, hereinafter referred to as Lessee.

WITNESSETH

That for and in consideration of the sum of Ten Dollars ($IO.00) lawful money of the United States of America paid by Lessee to Lessor, receipt of which is hereby acknowledged, the Lessor hereby LEASES the Blue Jacket No. I, Blue Jacket No. 2 and Copper John, Patented Mining Claims, surveyed under Mineral Survey No. 46I4 and situated in Mineral County, State of Nevada, to the Lessee for a period of Ten (IO) years from date with Option to Renew for an additional Ten (IO) years on the following terms and conditions:

First. The Lessee shall pay to the Lessor a Ten Percent (IO%) gross royalty on all ore, concentrates, precipitates or metal shipped and sold from said property. The Lessee shall furnish Lessor with duplicate copies of all sales records of all ore, concentrates, precipitates or metal sold, and Lessee shall pay all royalties on the 25th of each month for all ore, concentrates, precipitates or metal sold during the previous month.

Second. The Lessee sjall pay to the Lessor Five Hundred Dollars ($500.00) advanced royalty on the signing of this LEASE. This Five Hundred Dollars ($500.00) advanced royalty shall be deducted from the first Five Hundred Dollars ($500.00) in royalties due Lessor under the terms of this LEASE. If for any reason whatsoever Lessee terminates or abandons this LEASE, the Five Hundred Dollars ($500.00) advanced royalty shall be forfeited and shall not constitute a lien on the property nor an obligation on the part of the Lessor, and in such an event the Lessee shall make no demands whatsoever on the Lessor for the return of the Fuve Hundred Dollars ($500.00) advanced royalty nor any part thereof.

Third. Beginning May Ist, I95I, Lessee shall perform on the property not less than Seventy Five (75) shifts of work each and every month throughout the life of this LEASE unless prevented from doing so by strikes, Government Edict or an Act of God. Eight (8) hours of work by one man shall constitute one (I) shift.

Fourth. Lessee shall keep said property free and clear of any and all liens, encumbrances or debt of any kind whatsoever that may arise out of any labor performed on said property or material, supplies or machiney purchased for any mining or milling operation on said property. Lessee shall post Notices of Non-Liability on said property as provided by the Laws of the State of Nevada protecting said property and Lessor against and liens, encumbrances or debts incurred by Lessee arising out of the operation of said property by Lessee.

Fifth. Lessee shall keep Lessor harmless form and damages arising out of any accident to himself, assignees, employees, associates, contractors or invitees on said property, and Lessee shall carry sufficient Compensation Insurance to cover all his employees at all times, and in the event Lessee contracts any work on said property Lessee shall either carry sufficient Compensation Insurance to cover any such contractors and their employees or Lessee shall see that any such contractors themselves carry sufficient Compensation Insurance to protect themselves and their employees.

Sixth. Lessee shall conduct all his mining and milling operations in accord with the Mining Laws of the State of Nevada and of the United States.

Seventh. Lessee shall pay any and all taxes that may be levied on said property or on any and all ore, concentrates, precipitates or metal produced from said property during the life of this LEASE and Lessee shall also pay all taxes levied on any equipment, machinery or mill placed on said property.

Eighth. Lessor shall have the right to visit and inspect said property or any mining or milling operation thereor or connected with said property at any time, and Lessor shall have the right to inspect Lessee's books and records pertaining to the operation of said property at any reasonable time, and Lessor shall, at his own expense, have the right to audit Lessee's books.

Ninth. Failure on the part of the Lessee to pay the Five Hundred Dollars ($500.00) advnaced royalty on the signing of this LEASE, or failure of the part of the Lessee to perform the Seventy Five (75) shifts of work per month as required by this LEASE, or failure on the part of Lessee to perform any on the other terms and conditions of this LEASE shall terminate this LEASE and render it null and void.

Tenth. Lessee shall have the right to remove any equipment, machinery or mill off of said property that Lessee may place on said property, providing Lessee shall remove any such equipment, machinery or mill off of said property within Ninety (90) days of the termination of this LEASE.

Eleventh. Lessee shall have the right to assign this LEASE.

Twelfth. The terms and conditions of this LEASE shall be binding on the heirs, administrators and/or assigns of all parties to this LEASE.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

Charles F. Noble
LESSOR

R.C. Stoner
LESSEE

STATE OF NEVADA,
County of Mineral } ss.

On this 16th day of March A. D., one thousand nine hundred and fifty one, L.E.Cornelius personally appeared before me, a Notary Public in and for the said County of Mineral,

Charles F. Noble and R.C.Stoner

known to me to be the person s described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the County of Mineral, the day and year in this certificate first above written.

L E Cornelius
Notary Public in and for the County of Mineral, State of Nevada.

Carlisle's Form No. 36N—(Acknowledgement General)

Filed for Record at request of
Guy C. Stoner
April 13, 1917 at 33
min. past 2 o'clock P. M.
Recorded in Book 9
Miscellaneous
Page 45-46 Records of
Mineral County, Nevada
J. Farnell
County Recorder
By ..... Deputy

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENTS: That I, Ray C. Stoner in consideration of $10.00 to me in hand paid by TUNGSTEN PRODUCERS, a partnership composed of John H. Olson, Fred Bennett, Fred W. Hoar, and Ray C. Stoner, the receipt of which is hereby acknowledged, and for other good and valuable consideration, do hereby sell, transfer, assign and set over to said TUNGSTEN PRODUCERS partnership, its successors and assigns all of my right, title and interest in and to the following described mining claims situated in Mineral County, Nevada, to wit:

Blue Jacket, also known as Blue Jacket #1,
Blue Jacket #2, and Copper John,

including all rights of action or otherwise to me accrued or hereafter to accrue thereunder , and hereby authorize said TUNGSTEN PRODUCERS partnership in its own name to sue for and take all legal steps that it may deem necessary or proper in connection therewith; and I further declare that my interest in said mining claims consists of a certain lease, and option to renew, dated March 15, 1951 from Charles F. Nobel, of Mina, Nevada; to which lease reference is hereby made.

IN WITNESS WHEREOF, I have hereunto set my hand this 3rd day of ~~April~~ May, 1951.

Ray C. Stoner

Executed in the city of ~~Los Angeles~~ Hawthorne, county of ~~Los Angeles~~ Mineral, state of ~~California~~ Nevada.

STATE OF ~~CALIFORNIA~~ Nevada)
) ss
COUNTY OF ~~LOS ANGELES~~ Mineral)

On May Third 1951, before me a Notary Public in and for said county and state, personaly appeared Ray C. Stoner, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same.

[illegible]
Notary Public in and for said County and State

My comm. exp. Jan. 25, 1955

The Law Offices of
FRANK W. SWANN, JR.
9 North Rodeo Drive
Beverly Hills, Calif.
CRestview 5-4990

#7-A

P. O. Box 208,
Mina, Nevada.
April I3th, I95I.

Mr. R. C. Stoner,
5I29 Palm Drive,
La Canada, Calif.

Dear Mr. Stoner:

Confirming our conversation of this date, please be advised that as long as you operate and maintain a substantial interest in the LEASE dated March I5th, I95I and covering the Blue Jacket No., Blue Jacket No. 2 and Copper John Patented Mining Claims, I am agreeable to the number of shifts of work to be performed onsaid property being based on a Calendar Quarterly basis of Two Hundred and Twenty Five (225) shifts per Calendar Quarter instead of Seventy Five (75) shifts per month.

Also if during the time you operate and maintain a substantial interest in said LEASE the price of Tungsten should drop to a level where profitable operation is not possible,with your own mill at or near said property, I am agreeable to a suspension of the shifts of work to be performed until such a time as the price raises again to a profitable level. In the event of any dispute over this matter the matter shall be submitted to arbitration with you appointing one arbitrator, myself appointing one arbitrator and the two thus appointed selecting a third, and with the decision of such arbitration being binding upon both yourself and myself.

My agreeing to basing the work shifts on a Quarterly basis instead of a monthly basis and my agreeing to a possible suspension of the work shifts in the event of the dropping of the price of Tungsten to an unprofitable level shall not be binding in the event you sell said LEASE, or dispose of your interest therein.

Very truly yours,

Charles F. Noble

Accepted and approved:

R. C. Stoner

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Form MF-10[redacted]
(April 1951)

[redacted]S. DEPARTMENT OF THE INTE[redacted]OR

DEFENSE MINERALS ADMINISTRATION

Budg[redacted]eau No. 42-R1035.
App[redacted]xpires 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-1619X

Date received 6/5/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 1 61951
SAN FRANCISCO, CALIFORNIA

RAY C. STONER, JOHN H. CLOCK,
FRED BENNETT AND FRED W. HOAR
(A CO-PARTNERSHIP), DBA
TUNGSTEN PRODUCERS
C/O FRUG, HOAR & COMPANY
6772 HOLLYWOOD BLVD
HOLLYWOOD 28, CALIFORNIA

Name and address of applicant

Date MAY 1, 1951

FILL IN THIS BLOCK

Date of application MAY 18, 1951

Estimated cost $20,000.00

Mineral or metal TUNGSTEN

Percentage of Government participation 75%

Location of mine 4½ MILES SOUTHWEST OF LUNING,
MINERAL COUNTY, NEVADA

Date of filing MF-100 NONE FILED

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.

ANSWERS TO QUESTIONS #1 THROUGH #24 ATTACHED.

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.

Tungsten Producers
(Name of company)

By Fred V. Soar
(Signature of authorized official)

May 28, 1951
(Date)

Partner
(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

ATTACHED TO FORM MF-101

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24

1. APPLICANT IS A PARTNERSHIP.

2. R. C. STONER - 5129 PALM DRIVE, LA CANADA, CALIFORNIA
JOHN H. OLSON - 1605 SOUTH CENTRAL, GLENDALE, CALIFORNIA
FRED A. BENNETT - BOX 164, MINA, NEVADA
FRED W. HOAR - 6772 HOLLYWOOD BLVD, LOS ANGELES 28, CALIFORNIA

3. APPLICATION FOR INCORPORATION AS TUNGSTEN PRODUCERS, INC. HAS BEEN SUBMITTED TO SECRETARY OF STATE IN NEVADA.

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FRED A. BENNETT AND FRED W. HOAR,
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ATTACHED TO FORM UF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

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22. SEE ATTACHED STATEMENT SIGNED BY FRED A. BENNETT, WHO IS SUPERINTENDENT OF THE PROJECT.

23. (A) 2 MINERS @ 1.75 PER HOUR OR $140.00 PER WEEK
2 MUCKERS @ 1.50 PER HOUR OR $120.00 PER WEEK
2 NIGHT MEN @ 1.50 PER HOUR OR $120.00 PER WEEK
20 WEEKS @ $380.00 — $7,600.00

(B) 1 SUPERINTENDENT AND FOREMAN @ $550.00 PER MONTH — 2,750.00

(C) WIDENING NEW ROAD — 250.00

(D) TOOL HOUSE AND SHEDS — 750.00
HEADFRAMES FOR SHAFTS — 1,000.00

(E) NONE

(F) GASOLINE HOISE @ $100.00 PER MONTH — 500.00
COMPRESSOR AND HAMMERS @ $130.00 PER MONTH — 650.00
LIGHT PLANT @ $75.00 PER MONTH — 375.00
MISCELLANEOUS — 500.00

(G) TRUCK @ $50.00 PER MONTH — 250.00

(H) SMALL HAND TOOLS — 550.00
POWDER, FUSE AND CAPS — 800.00
STEEL, ETC. — 350.00
MISCELLANEOUS SUPPLIES, INSURANCE, TAXES, ETC. — 1,850.00

(I) MEALS, ROOMS, TRANSPORTATION, INCIDENTALS — 1,500.00

TOTAL — $19,675.00

24. 30 DAYS - 10%
90 DAYS - 50%
120 DAYS - 85%
150 DAYS - 100%

A. V. HERR LABORATORY

ASSAYERS AND CHEMISTS

SINCE 1902

LABORATORY 5176 HOLLYWOOD BLVD. PHONE OL. 5052

CERTIFICATE No. 12642

HOLLYWOOD 27, CALIFORNIA, Mar, 12, 19 51

WE HEREBY CERTIFY THAT THE SAMPLES ASSAYED FOR Mr. R. C. Stoner
GAVE THE FOLLOWING RESULTS:

OWNER'S MARK	GOLD OZ. PER TON	SILVER OZ. PER TON	WO_3					VALUE PER TON
Samples of Scheelite,								
#1- Mill Run Grade,			0.40%					$24.00
#2- Grade Ore,			1.12%					$67.20

GOLD @ $_____ PER OZ. WO_3 $60.00 per unit, (for 60% concentrate)

SILVER @ $_____ PER OZ. CHARGES $ Pd.

ASSAYER

Blue Jacket Tungsten

The Tungsten Ore found on the Blue Jacket Property is Scheelite and occure along a lime-porphyry contact. The scheelite is associated with garnet, epidote and quartz.

Approximately I5 miles South of the Blue Jacket Property the scheelite found in the Silver Dyke Tungsten Mine all occured in quartz. There was no garnet in the Silver Dyke ore. Many millions were produced from the Silver Dyke Mine.

Approximately 30 miles East of the Blue Jacket Property the scheelite found found in the several properties of that area notably the Gun Metal Tungsten Mine now being operated by the Lindsay Mining Company all occurs in garnet. There is no quartz found in the Gun Metal ore.

The Blue Jacket vein contains both garnet and quartz and scheelite is found in both the garnet and quartz. This is believed to be a very favorable geological condition.

The Blue Jacket vein, a metamorphic contact type, occurs along an intensely mineralized contact which crosses the Blue Jacket Property for a distance of approximately I800 feet. A series of open cuts scattered along this contact has revealed scheelite ore in many places throughout much of the length of this contact zone. Substancial vein widths are indicated although further development work will have to be done to determine actual widths. To determine this and also to ascertain the average values in the vein and also to open up the property at depth an incline shaft has been started at approximately the lowest point along the contact. At the collar of this shaft the vein at the surface is approximately I5 feet wide, with a well defined gouge appearing along the footwall between the vein and the porphyry. The quarts as found in the vein at the shaft collar is largely concentrated along the hanging wall side of the vein, closer to the lime which forms the hanging wall. Garnet and epidote are disseminated throughout the vein from wall to wall.

The strike of the vein or contact is almost East and West, and at the shaft collar the vein dips toward the North approximately 45 degrees. This dip of the vein toward the North is in conformity with the dip of the entire formation.

The scheelite so far encountered on the Blue Jacket Property lamps a very beautiful, clean, brilliant, blue-white and is believed to be of unusual high quality. Some copper, largely in the form of Malachite and Chrysocolla is found in limited quantitly in the vein, but as far as is known is in no way chemically combined with the scheelite. The scheelite pans a beautiful snow-white.

Due to the fine surface showings, due to the intensive mineralization found throughout the length of the contact zone, due to the apparent excellent character of the ore, due to the favorable geological conditions particularly at the point where the incline shaft is being started, an intensive exploration program is warranted and recommended.

Fred A. Bennett
Supt. of Operations

P. O. Box 164,
Mina, Nev.
May 25th, I95I

LEASE

THIS LEASE made and entered into at Mina, Nevada this I5th day of March, I95I by and between Charles F. Noble, Hereinafter designated as Lessor and Ray C. Stoner, hereinafter referred to as Lessee.

WITNESSETH

That for and in consideration of the sum of Ten Dollars ($IO.00) lawful money of the United States of America paid by Lessee to Lessor, receipt of which is hereby acknowledged, the Lessor hereby LEASES the Blue Jacket No. I, Blue Jacket No. 2 and Copper John, Patented Mining Claims, surveyed under Mineral Survey No. 46I4 and situated in Mineral County, State of Nevada, to the Lessee for a period of Ten (IO) years from date with Option to Renew for an additional Ten (IO) years on the following terms and conditions:

First. The Lessee shall pay to the Lessor a Ten Percent (IO%) gross royalty on all ore, concentrates, precipitates or metal shipped and sold from said property. The Lessee shall furnish Lessor with duplicate copies of all sales records of all ore, concentrates, precipitates or metal sold, and Lessee shall pay all royalties on the 25th of each month for all ore, concentrates, precipitates or metal sold during the previous month.

Second. The Lessee sjall pay to the Lessor Five Hundred Dollars ($500.00) advanced royalty on the signing of this LEASE. This Five Hundred Dollars ($500.00) advanced royalty shall be deducted from the first Five Hundred Dollars ($500.00) in royalties due Lessor under the terms of this LEASE. If for any reason whatsoever Lessee terminates or abandons this LEASE, the Five Hundred Dollars ($500.00) advanced royalty shall be forfeited and shall not constitute a lien on the property nor an obligation on the part of the Lessor, and in such an event the Lessee shall make no demands whatsoever on the Lessor for the return of the Fuve Hundred Dollars ($500.00) advanced royalty nor any part thereof.

Third. Beginning May Ist, I95I, Lessee shall perform on the property not less than Seventy Five (75) shifts of work each and every month throughout the life of this LEASE unless prevented from doing so by strikes, Government Edict or an Act of God. Eight (8) hours of work by one man shall constitute one (I) shift.

Fourth. Lessee shall keep said property free and clear of any and all liens, encumbrances or debt of any kind whatsoever that may arise out of any labor performed on said property or material, supplies or machiney purchased for any mining or milling operation on said property. Lessee shall post Notices of Non-Liability on said property as provided by the Laws of the State of Nevada protecting said property and Lessor against and liens, encumbrances or debts incurred by Lessee arising out of the operation of said property by Lessee.

Fifth. Lessee shall keep Lessor harmless form and damages arising out of any accident to himself, assignees, employees, associates, contractors or invitees on said property, and Lessee shall carry sufficient Compensation Insurance to cover all his employees at all times, and in the event Lessee contracts any work on said property Lessee shall either carry sufficient Compensation Insurance to cover any such contractors and their employees or Lessee shall see that any such contractors themselves carry sufficient Compensation Insurance to protect themselves and their employees.

Sixth. Lessee shall conduct all his mining and milling operations in accord with the Mining Laws of the State of Nevada and of the United States.

Seventh. Lessee shall pay any and all taxes that may be levied on said property or on any and all ore, concentrates, precipitates or metal produced from said property during the life of this LEASE and Lessee shall also pay all taxes levied on any equipment, machinery or mill placed on said property.

Eighth. Lessor shall have the right to visit and inspect said property or any mining or milling operation thereor or connected with said property at any time, and Lessor shall have the right to inspect Lessee's books and records pertaining to the operation of said property at any reasonable time, and Lessor shall, at his own expense, have the right to audit Lessee's books.

Ninth. Failure on the part of the Lessee to pay the Five Hundred Dollars ($500.00) advnaced royalty on the signing of this LEASE, or failure of the part of the Lessee to perform the Seventy Five (75) shifts of work per month as required by this LEASE, or failure on the part of Lessee to perform any on the other terms and conditions of this LEASE shall terminate this LEASE and render it null and void.

Tenth. Lessee shall have the right to remove any equipment, machinery or mill off of said property that Lessee may place on said property, providing Lessee shall remove any such equipment, machinery or mill off of said property within Ninety (90) days of the termination of this LEASE.

Eleventh. Lessee shall have the right to assign this LEASE.

Twelfth. The terms and conditions of this LEASE shall be binding on the heirs, administrators and/or assigns of all parties to this LEASE.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

Charles F. Noble
LESSOR

R.C. Stoner
LESSEE

STATE OF NEVADA,
County of Mineral } ss.

On this 16th day of March A. D., one thousand nine hundred and fifty one personally appeared before me, L.E.Cornelius, a Notary Public in and for the said County of Mineral,

Charles F. Noble and R.C.Stoner

known to me to be the person s described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the County of Mineral, the day and year in this certificate first above written.

L E Cornelius
Notary Public in and for the County of Mineral, State of Nevada.

Legal Form No. 36N—(Acknowledgement General)

Filed for Record at request of
Guy C. Stoner
April 13, 1916 at 33
min. past 2 o'clock P. M.
Recorded in Book 9
Miscellaneous
Page 45-46 Records of
Mineral County Nevada
J. J. Connelly
County Recorder
By ..... Deputy

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENTS: That I, Ray C. Stoner in consideration of $10.00 to me in hand paid by TUNGSTEN PRODUCERS, a partnership composed of John H. Olson, Fred Bennett, Fred W. Hoar, and Ray C. Stoner, the receipt of which is hereby acknowledged, and for other good and valuable consideration, do hereby sell, transfer, assign and set over to said TUNGSTEN PRODUCERS partnership, its successors and assigns all of my right, title and interest in and to the following described mining claims situated in Mineral County, Nevada, to wit:

Blue Jacket, also known as Blue Jacket #1,
Blue Jacket #2, and Copper John,

including all rights of action or otherwise to me accrued or hereafter to accrue thereunder , and hereby authorize said TUNGSTEN PRODUCERS partnership in its own name to sue for and take all legal steps that it may deem necessary or proper in connection therewith; and I further declare that my interest in said mining claims consists of a certain lease, and option to renew, dated March 15, 1951 from Charles F. Nobel, of Mina, Nevada; to which lease reference is hereby made.

IN WITNESS WHEREOF, I have hereunto set my hand this 3rd day of ~~April~~ May, 1951.

Ray C. Stoner

Executed in the city of ~~Los Angeles~~ Hawthorne, county of ~~Los Angeles~~ Mineral, state of ~~California~~ Nevada.

STATE OF ~~CALIFORNIA~~ Nevada)
COUNTY OF ~~LOS ANGELES~~ Mineral) ss

On May Third 1951, before me a Notary Public in and for said county and state, personaly appeared Ray C. Stoner, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same.

[illegible] Blandell
Notary Public in and for said County and State

My comm. exp. Jan. 25, 1955

#7-A

P. O. Box 208,
Mina, Nevada.
April I3th, I95I.

Mr. R. C. Stoner,
5I29 Palm Drive,
La Canada, Calif.

Dear Mr. Stoner:

Confirming our conversation of this date, please be advised that as long as you operate and maintain a substantial interest in the LEASE dated March I5th, I95I and covering the Blue Jacket No., Blue Jacket No. 2 and Copper John Patented Mining Claims, I am agreeable to the number of shifts of work to be performed onsaid property being based on a Calendar Quarterly basis of Two Hundred and Twenty Five (225) shifts per Calendar Quarter instead of Seventy Five (75) shifts per month.

Also if during the time you operate and maintain a substantial interest in said LEASE the price of Tungsten should drop to a level where profitable operation is not possible,with your own mill at or near said property, I am agreeable to a suspension of the shifts of work to be performed until such a time as the price raises again to a profitable level. In the event of any dispute over this matter the matter shall be submitted to arbitration with you appointing one arbitrator, myself appointing one arbitrator and the two thus appointed selecting a third, and with the decision of such arbitration being binding upon both yourself and myself.

My agreeing to basing the work shifts on a Quarterly basis instead of a monthly basis and my agreeing to a possible suspension of the work shifts in the event of the dropping of the price of Tungsten to an unprofitable level shall not be binding in the event you sell said LEASE, or dispose of your interest therein.

Very truly yours,

Charles F. Noble

Charles F. Noble

Accepted and approved:

R. C. Stoner

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

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-1619X

Date received 6/5/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 1 61951
SAN FRANCISCO, CALIFORNIA

RAY C. STONER, JOHN H. OLSON,
FRED BENNETT AND FRED W. HOAR
(A CO-PARTNERSHIP), DBA
TUNGSTEN PRODUCERS
c/o FRUG, HOAR & COMPANY
6772 HOLLYWOOD BLVD
HOLLYWOOD 28, CALIFORNIA

Name and address of applicant

Date MAY 1, 1951

FILL IN THIS BLOCK

Date of application MAY 18, 1951

Estimated cost $20,000.00

Mineral or metal TUNGSTEN

Percentage of Government participation 75%

Location of mine 4½ MILES SOUTHWEST OF LUNING, MINERAL COUNTY, NEVADA

Date of filing MF-100 NONE FILED

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.

ANSWERS TO QUESTIONS #1 THROUGH #24 ATTACHED.

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.

Tungsten Producers
(Name of company)

By Fred Dr. Doar
(Signature of authorized official)

May 28, 1951
(Date)

Partner
(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

ATTACHED TO FORM MF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24

1. APPLICANT IS A PARTNERSHIP.

2. R. C. STONER - 5129 PALM DRIVE, LA CANADA, CALIFORNIA
JOHN H. OLSON - 1605 SOUTH CENTRAL, GLENDALE, CALIFORNIA
FRED A. BENNETT - BOX 164, MINA, NEVADA
FRED W. HOAR - 6772 HOLLYWOOD BLVD, LOS ANGELES 28, CALIFORNIA

3. APPLICATION FOR INCORPORATION AS TUNGSTEN PRODUCERS, INC. HAS BEEN SUBMITTED TO SECRETARY OF STATE IN NEVADA.

4. R. C. STONER - FIFTEEN YEARS' GENERAL EXPERIENCE IN MINING. DURING WORLD WAR 11, MINED MANGANESE IN PLUMAS COUNTY, CALIFORNIA. ASSOCIATED WITH CHANNEL GOLD MINE IN ARIZONA, LAST CHANCE MINE IN CALIFORNIA, STANDARD MINE IN CALIFORNIA AND GOLD ROD MINE IN ARIZONA.

FRED A. BENNETT - FORTY YEARS' EXPERIENCE IN MECHANICAL ENGINEERING, MANUFACTURING AND SALES. LAST TEN YEARS, PRACTICAL MINING EXPERIENCE IN CALIFORNIA.

JOHN H. OLSON - MANUFACTURER, OWNER AND DISTRIBUTOR OF L. B. HAIR OIL PRODUCTS FOR PAST 25 YEARS. MINED GOLD IN ALASKA MANY YEARS AGO.

FRED W. HOAR - BUSINESS MANAGER IN LOS ANGELES FOR PAST 20 YEARS. LICENSED PUBLIC ACCOUNTANT IN STATE OF CALIFORNIA.

5. LESSEE OF PROPERTY.

6. NOT APPLICABLE.

7. COPY OF LEASE AND ASSIGNMENT OF LEASE ATTACHED HERETO.

8. STATEMENT OF ASSETS AND LIABILITIES AS AT APRIL 30, 1951.

ASSETS	
CASH ON HAND AND IN BANK	$4,215.69
ADVANCE ROYALTY PAYMENT	500.00
INSURANCE DEPOSIT	100.00
LEASEHOLD AND ROAD COSTS	1,100.00
EXPLORATION COSTS	1,491.82
TRUCK	700.00
EQUIPMENT AND TOOLS	492.49
TOTAL ASSETS	$8,600.00
LIABILITIES	
ACCOUNTS PAYABLE TO PARTNERS:	
R. C. STONER	$1,100.00
JOHN H. OLSON	7,500.00
TOTAL LIABILITIES	$8,600.00

ATTACHED TO FORM MF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24 (CONT'D)

9. APPLICANT AT PRESENT CAN INVEST ANOTHER $5,000.00 FOR EXPLORATION OF THE PROPERTY, WHICH SHOULD BE SUFFICIENT TO COVER ITS SHARE OF THE FUTURE COSTS.

10. (A) THREE CLAIMS LOCATED IN MINERAL COUNTY, STATE OF NEVADA, OWNED BY CHARLES F. NOBEL OF MINA, NEVADA, AND RECORDED WITH COUNTY RECORDER AS BLUE JACKET #1, BLUE JACKET #2 AND COPPER JOHN.

(B) SAME AS (A) ABOVE.

11. PRESENT NAME OF PROPERTY IS BLUE JACKET MINE.

12. CLAIMS ARE LOCATED 3½ MILES WEST OF HIGHWAY 6 AT A POINT 1 MILE SOUTH OF LUNING AND 7 MILES NORTH OF MINA. AN ALL-WEATHER ROAD HAS BEEN MADE TO THE PROPERTY. THERE IS AN APPROXIMATE 6% GRADE DOWN HILL TO THE NEAREST RAILROAD SHIPPING POINT LOCATED AT LUNING 4½ MILES DISTANT. A POWER LINE RUNS WITHIN 3 MILES OF THE PROPERTY.

13. WATER CAN BE OBTAINED AT ALL SEASONS IN THE TOWN OF LUNING. NO ELECTRIC POWER OTHER THAN THAT FURNISHED BY GASOLINE DRIVEN EQUIPMENT WILL BE NECESSARY FOR PRESENT PROPOSED EXPLORATION.

14. THERE ARE NO EXISTING FACILITIES. POWER CAN BE OBTAINED WITHIN 3 MILES.

15. ADEQUATE MILLING FACILITIES ARE AVAILABLE WITHIN 30 MILES AT THE NEW 100 TON DUNHAM SCHEELITE MILL. WE HAVE ALSO BEEN APPROACHED BY THE OPERATORS OF THE SODAVILLE MILL LOCATED APPROXIMATELY 6 MILES SOUTH OF MINA. FACILITIES ARE ALSO AVAILABLE IN BISHOP 110 MILES TO THE SOUTH.

16. PROPERTY WAS ORIGINALLY LOCATED AS A PROSPECTIVE COPPER PROPERTY MANY YEARS AGO. LARGE QUANTITIES OF FLOAT SHOWING SCHEELITE APPEAR OVER THE ENTIRE AREA. APPROXIMATELY FIFTEEN PROSPECTING HOLES REVEAL SCHEELITE OF THE HIGHEST GRADE FREE OF IMPURITIES.

17. NOT IN PRODUCTION.

18. NONE.

19. NONE.

20. SCHEELITE ORE.

21. FURTHER EXPLORATION IS NECESSARY TO LOCATE LODE AND EXTENT OF MAIN BODY. PRESENT INDICATIONS ARE THAT A LARGE ORE BODY OF GREAT DEPTH DOES EXIST. IT IS ESTIMATED THAT SUFFICIENT WORK CAN BE DONE IN FIVE MONTHS' TIME SINKING SHAFTS TO GREATER DEPTH, OPEN CUTS, DRIFTS AND POSSIBLY CORE DRILLING.

ATTACHED TO FORM MF-103

R. C. STONER, JOHN H. OLSON,
FRED A. BENNETT AND FRED W. HOAR,
DBA TUNGSTEN PRODUCERS

ANSWERS TO QUESTIONS #1 - #24 (CONT'D)

22. SEE ATTACHED STATEMENT SIGNED BY FRED A. BENNETT, WHO IS SUPERINTENDENT OF THE PROJECT.

23.

(A)	2 MINERS @ 1.75 PER HOUR OR $140.00 PER WEEK 2 MUCKERS @ 1.50 PER HOUR OR $120.00 PER WEEK 2 NIGHT MEN @ 1.50 PER HOUR OR $120.00 PER WEEK 20 WEEKS @ $380.00	$7,600.00
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(I)	MEALS, ROOMS, TRANSPORTATION, INCIDENTALS	1,500.00
	TOTAL	$19,675.00

24.

30 DAYS	-	10%
90 DAYS	-	50%
120 DAYS	-	85%
150 DAYS	-	100%

A. V. HERR LABORATORY

ASSAYERS AND CHEMISTS

SINCE 1902

LABORATORY 5176 HOLLYWOOD BLVD. PHONE OL. 5052

CERTIFICATE № 12642

HOLLYWOOD 27, CALIFORNIA, Mar, 12, 19 51

WE HEREBY CERTIFY THAT THE SAMPLES ASSAYED FOR Mr. R. C. Stoner
GAVE THE FOLLOWING RESULTS:

OWNER'S MARK	GOLD OZ. PER TON	SILVER OZ. PER TON	WO_3					VALUE PER TON
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ASSAYER

Blue Jacket Tungsten

The Tungsten Ore found on the Blue Jacket Property is Scheelite and occure along a lime-porphyry contact. The scheelite is associated with garnet, epidote and quartz.

Approximately I5 miles South of the Blue Jacket Property the scheelite found in the Silver Dyke Tungsten Mine all occured in quartz. There was no garnet in the Silver Dyke ore. Many millions were produced from the Silver Dyke Mine.

Approximately 30 miles East of the Blue Jacket Property the scheelite found found in the several properties of that area notably the Gun Metal Tungsten Mine now being operated by the Lindsay Mining Company all occurs in garnet. There is no quartz found in the Gun Metal ore.

The Blue Jacket vein contains both garnet and quartz and scheelite is found in both the garnet and quartz. This is believed to be a very favorable geological condition.

The Blue Jacket vein, a metamorphic contact type, occurs along an intensely mineralized contact which crosses the Blue Jacket Property for a distance of approximately I800 feet. A series of open cuts scattered along this contact has revealed scheelite ore in many places throughout much of the length of this contact zone. Substancial vein widths are indicated although further development work will have to be done to determine actual widths. To determine this and also to ascertain the average values in the vein and also to open up the property at depth an incline shaft has been started at approximately the lowest point along the contact. At the collar of this shaft the vein at the surface is approximately I5 feet wide, with a well defined gouge appearing along the footwall between the vein and the porphyry. The quarts as found in the vein at the shaft collar is largely concentrated along the hanging wall side of the vein, closer to the lime which forms the hanging wall. Garnet and epidote are disseminated throughout the vein from wall to wall.

The strike of the vein or contact is almost East and West, and at the shaft collar the vein dips toward the North approximately 45 degrees. This dip of the vein toward the North is in conformity with the dip of the entire formation.

The scheelite so far encountered on the Blue Jacket Property lamps a very beautiful, clean, brilliant, blue-white and is believed to be of unusual high quality. Some copper, largely in the form of Malachite and Chrysocolla is found in limited quantitly in the vein, but as far as is known is in no way chemically combined with the scheelite. The scheelite pans a beautiful snow-white.

Due to the fine surface showings, due to the intensive mineralization found throughout the length of the contact zone, due to the apparent excellent character of the ore, due to the favorable geological conditions particularly at the point where the incline shaft is being started, an intensive exploration program is warranted and recommended.

Fred A. Bennett
Supt. of Operations

P. O. Box 164,
Mina, Nev.
May 25th, I95I

LEASE

THIS LEASE made and entered into at Mina, Nevada this I5th day of March, I95I by and between Charles F. Noble, Hereinafter designated as Lessor and Ray C. Stoner, hereinafter referred to as Lessee.

WITNESSETH

That for and in consideration of the sum of Ten Dollars ($IO.00) lawful money of the United States of America paid by Lessee to Lessor, receipt of which is hereby acknowledged, the Lessor hereby LEASES the Blue Jacket No. I, Blue Jacket No. 2 and Copper John, Patented Mining Claims, surveyed under Mineral Survey No. 46I4 and situated in Mineral County, State of Nevada, to the Lessee for a period of Ten (IO) years from date with Option to Renew for an additional Ten (IO) years on the following terms and conditions:

First. The Lessee shall pay to the Lessor a Ten Percent (IO%) gross royalty on all ore, concentrates, precipitates or metal shipped and sold from said property. The Lessee shall furnish Lessor with duplicate copies of all sales records of all ore, concentrates, precipitates or metal sold, and Lessee shall pay all royalties on the 25th of each month for all ore, concentrates, precipitates or metal sold during the previous month.

Second. The Lessee sjall pay to the Lessor Five Hundred Dollars ($500.00) advanced royalty on the signing of this LEASE. This Five Hundred Dollars ($500.00) advanced royalty shall be deducted from the first Five Hundred Dollars ($500.00) in royalties due Lessor under the terms of this LEASE. If for any reason whatsoever Lessee terminates or abandons this LEASE, the Five Hundred Dollars ($500.00) advanced royalty shall be forfeited and shall not constitute a lien on the property nor an obligation on the part of the Lessor, and in such an event the Lessee shall make no demands whatsoever on the Lessor for the return of the Fuve Hundred Dollars ($500.00) advanced royalty nor any part thereof.

Third. Beginning May Ist, I95I, Lessee shall perform on the property not less than Seventy Five (75) shifts of work each and every month throughout the life of this LEASE unless prevented from doing so by strikes, Government Edict or an Act of God. Eight (8) hours of work by one man shall constitute one (I) shift.

Fourth. Lessee shall keep said property free and clear of any and all liens, encumbrances or debt of any kind whatsoever that may arise out of any labor performed on said property or material, supplies or machiney purchased for any mining or milling operation on said property. Lessee shall post Notices of Non-Liability on said property as provided by the Laws of the State of Nevada protecting said property and Lessor against and liens, encumbrances or debts incurred by Lessee arising out of the operation of said property by Lessee.

Fifth. Lessee shall keep Lessor harmless form and damages arising out of any accident to himself, assignees, employees, associates, contractors or invitees on said property, and Lessee shall carry sufficient Compensation Insurance to cover all his employees at all times, and in the event Lessee contracts any work on said property Lessee shall either carry sufficient Compensation Insurance to cover any such contractors and their employees or Lessee shall see that any such contractors themselves carry sufficient Compensation Insurance to protect themselves and their employees.

Sixth. Lessee shall conduct all his mining and milling operations in accord with the Mining Laws of the State of Nevada and of the United States.

Seventh. Lessee shall pay any and all taxes that may be levied on said property or on any and all ore, concentrates, precipitates or metal produced from said property during the life of this LEASE and Lessee shall also pay all taxes levied on any equipment, machinery or mill placed on said property.

Eighth. Lessor shall have the right to visit and inspect said property or any mining or milling operation thereor or connected with said property at any time, and Lessor shall have the right to inspect Lessee's books and records pertaining to the operation of said property at any reasonable time, and Lessor shall, at his own expense, have the right to audit Lessee's books.

Ninth. Failure on the part of the Lessee to pay the Five Hundred Dollars ($500.00) advnaced royalty on the signing of this LEASE, or failure of the part of the Lessee to perform the Seventy Five (75) shifts of work per month as required by this LEASE, or failure on the part of Lessee to perform any on the other terms and conditions of this LEASE shall terminate this LEASE and render it null and void.

Tenth. Lessee shall have the right to remove any equipment, machinery or mill off of said property that Lessee may place on said property, providing Lessee shall remove any such equipment, machinery or mill off of said property within Ninety (90) days of the termination of this LEASE.

Eleventh. Lessee shall have the right to assign this LEASE.

Twelfth. The terms and conditions of this LEASE shall be binding on the heirs, administrators and/or assigns of all parties to this LEASE.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

Charles F. Noble
LESSOR

R.C. Stoner
LESSEE

STATE OF NEVADA,
County of Mineral } ss.

On this 16th day of March A. D., one thousand nine hundred and fifty one, personally appeared before me, L.E.Cornelius, a Notary Public in and for the said County of Mineral,

Charles F. Noble and R.C.Stoner

known to me to be the person s described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the County of Mineral, the day and year in this certificate first above written.

L E Cornelius
Notary Public in and for the County of Mineral, State of Nevada.

Carlisle's Form No. 36N—(Acknowledgement General)

Filed for Record at request of

Guy C. Stoner

April 13, 1977 at 33

min. past 2 o'clock P. M.

Recorded in Book 9

Miscellaneous

Page 7546 Records of

Mineral County, Nevada

J. Farnell

County Recorder

By ..... Deputy

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENTS: That I, Ray C. Stoner in consideration of $10.00 to me in hand paid by TUNGSTEN PRODUCERS, a partnership composed of John H. Olson, Fred Bennett, Fred W. Hoar, and Ray C. Stoner, the receipt of which is hereby acknowledged, and for other good and valuable consideration, do hereby sell, transfer, assign and set over to said TUNGSTEN PRODUCERS partnership, its successors and assigns all of my right, title and interest in and to the following described mining claims situated in Mineral County, Nevada, to wit:

Blue Jacket, also known as Blue Jacket #1,
Blue Jacket #2, and Copper John,

including all rights of action or otherwise to me accrued or hereafter to accrue thereunder , and hereby authorize said TUNGSTEN PRODUCERS partnership in its own name to sue for and take all legal steps that it may deem necessary or proper in connection therewith; and I further declare that my interest in said mining claims consists of a certain lease, and option to renew, dated March 15, 1951 from Charles F. Nobel, of Mina, Nevada; to which lease reference is hereby made.

IN WITNESS WHEREOF, I have hereunto set my hand this 3rd day of ~~April~~ May, 1951.

Ray C. Stoner

Executed in the city of ~~Los Angeles~~ Hawthorne, county of ~~Los Angeles~~ Mineral, state of ~~California~~ Nevada.

STATE OF ~~CALIFORNIA~~ Nevada)
COUNTY OF ~~LOS ANGELES~~ Mineral) ss

On May Third 1951, before me a Notary Public in and for said county and state, personaly appeared Ray C. Stoner, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same.

[illegible]
Notary Public in and for said County and State

My Comm. exp. Jan. 25, 1955

The Law Offices of
ERK W. SWANN, JR.
North Rodeo Drive
Beverly Hills, Calif.
Restview 5-4990

7-A

P. O. Box 208,
Mina, Nevada.
April I3th, I95I.

Mr. R. C. Stoner,
5I29 Palm Drive,
La Canada, Calif.

Dear Mr. Stoner:

Confirming our conversation of this date, please be advised that as long as you operate and maintain a substantial interest in the LEASE dated March I5th, I95I and covering the Blue Jacket No., Blue Jacket No. 2 and Copper John Patented Mining Claims, I am agreeable to the number of shifts of work to be performed onsaid property being based on a Calendar Quarterly basis of Two Hundred and Twenty Five (225) shifts per Calendar Quarter instead of Seventy Five (75) shifts per month.

Also if during the time you operate and maintain a substantial interest in said LEASE the price of Tungsten should drop to a level where profitable operation is not possible,with your own mill at or near said property, I am agreeable to a suspension of the shifts of work to be performed until such a time as the price raises again to a profitable level. In the event of any dispute over this matter the matter shall be submitted to arbitration with you appointing one arbitrator, myself appointing one arbitrator and the two thus appointed selecting a third, and with the decision of such arbitration being binding upon both yourself and myself.

My agreeing to basing the work shifts on a Quarterly basis instead of a monthly basis and my agreeing to a possible suspension of the work shifts in the event of the dropping of the price of Tungsten to an unprofitable level shall not be binding in the event you sell said LEASE, or dispose of your interest therein.

Very truly yours,

Charles F. Noble

Accepted and approved:

R. C. Stoner

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
Postmarked 5/29/51
JUN 5 - 1951
LANDON F. STRUBEL
Executive Secretary

Ima-1619X

Frug, Hoar & Company
6772 HOLLYWOOD BOULEVARD
HOLLYWOOD 28, CALIFORNIA
GLADSTONE 6164

MITCHELL A. FRUG, P.A.
FREDERIC W. HOAR, P.A.
RAYMOND A. FRUG, C.P.A.
HOWARD L. SCHULTZ, C.P.A.

BUSINESS & ESTATE MANAGEMENT
FEDERAL & STATE TAXES
AUDITS - ACCOUNTING
CABLE ADDRESS "FWOR"

Refer to	Noted	Date
Answered		

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 1 6 1951
SAN FRANCISCO, CALIFORNIA

MAY 29, 1951

DR. JAMES BOYD
ADMINISTRATOR, DEFENSE MINERALS ADMINISTRATION
DEPARTMENT OF INTERIOR
WASHINGTON 25, D. C.

DEAR SIR:

I AM ENCLOSING HEREWITH FORM MF-103 IN QUADRUPLICATE COVERING THE APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950, ON BEHALF OF R. C. STONER, JOHN H. OLSON, FRED A. BENNETT, AND FRED W. HOAR, DBA TUNGSTEN PRODUCERS.

IT IS THE UNDERSTANDING OF THIS OFFICE THAT THESE APPLICATIONS MUST BE FILED PRIOR TO MAY 30 IN ORDER THAT THEY MAY BE ACTED UPON PRIOR TO THE JUNE 30, 1951, EXPIRATION DATE.

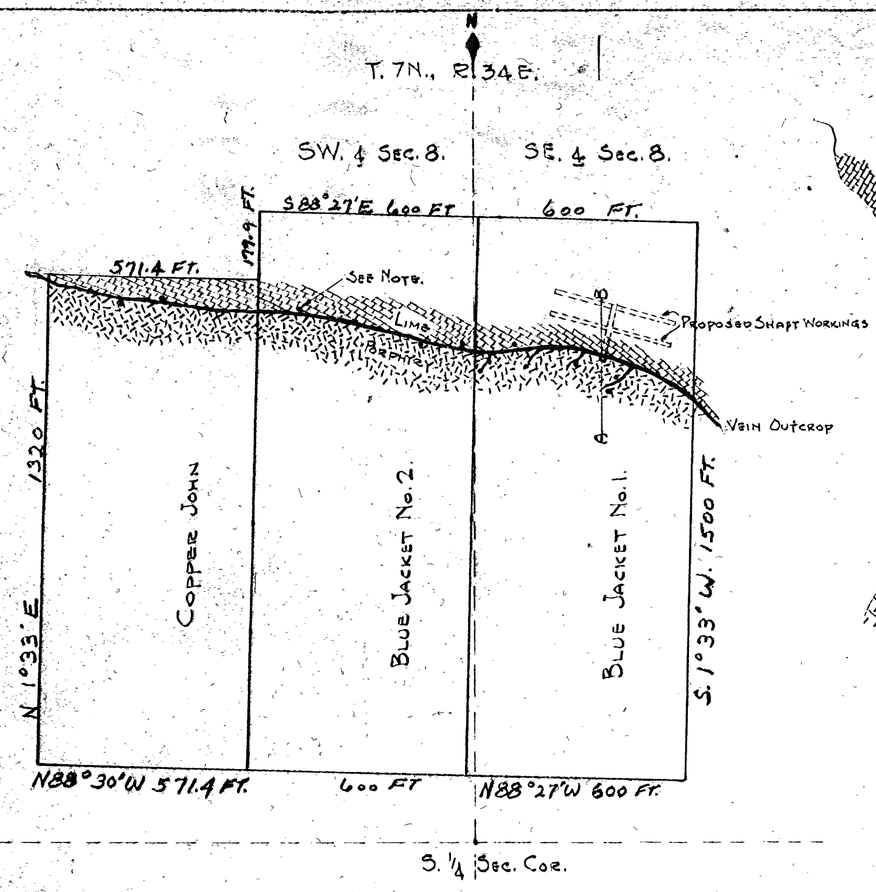
YOUR ASSISTANCE IN EXPEDITING THIS MATTER IS APPRECIATED.

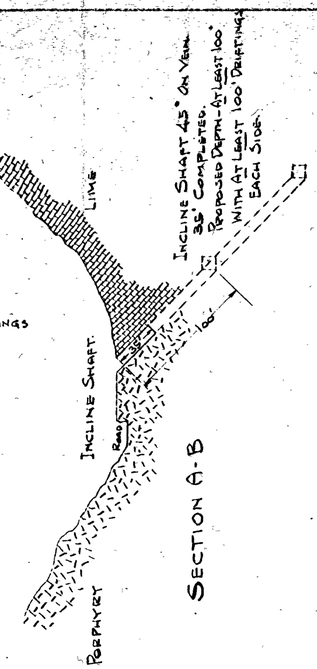
SINCERELY YOURS,

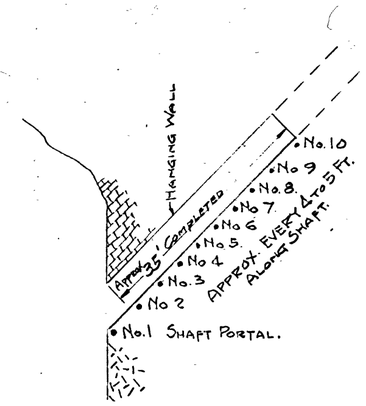
Fred W. Hoar

FWH/P
ENCLS.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
Postmarked 5/29/51
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary







Shaft Assay Readings

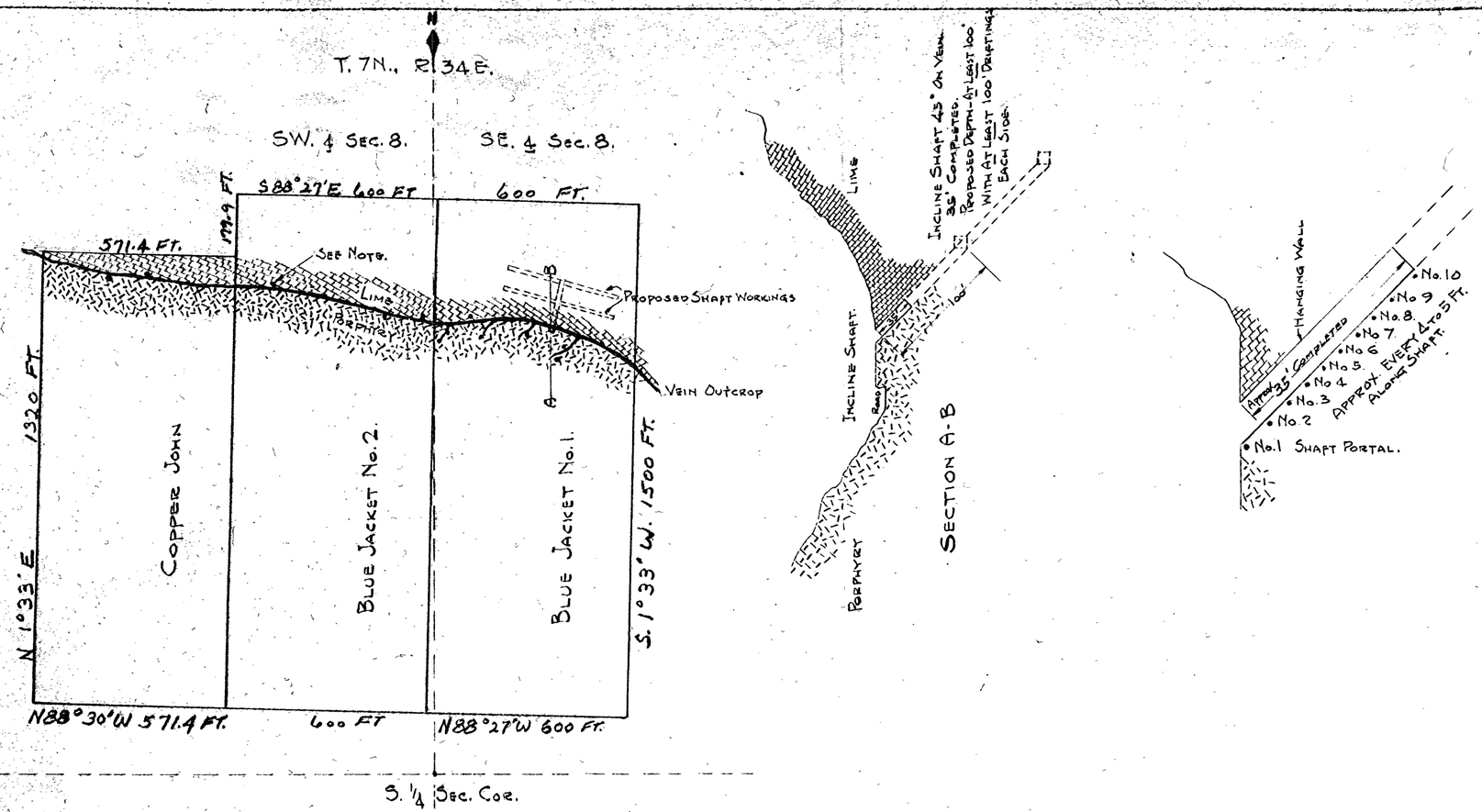
No. 1.—	0.40 %	WO_3	5/12/51
No. 2.—	1.12 %	✓	5/12/51
No. 3.—	0.49 %	✓	6/1/51
No. 4.—	0.74 %	✓	6/1/51
No. 5.—	3.44 %	✓	6/15/51
No. 6.—	0.25 %	✓	6/15/51
No. 7.—	0.39 %	✓	6/15/51
No. 8.—	0.16 %	✓	6/30/51
No. 9.—	2.20 %	✓	7/15/51
No. 10.—	1.79 %	✓	7/15/51

Note —

• - Indicates Points Along Vein Contact Where Lampings And Pannings Have Shown Scheelite Of Sufficient Quantity And Quality To Warrent Thorough Exploration Of Property.

Map of Blue Jacket Tungsten Prospect
Mineral County, Nevada.

Showing Tungster Outcrop
Along Lime Dike Across Entire Property
Together With
Our Proposal Of Exploratory Workings,
Assay Readings From Current Workings, Etc.



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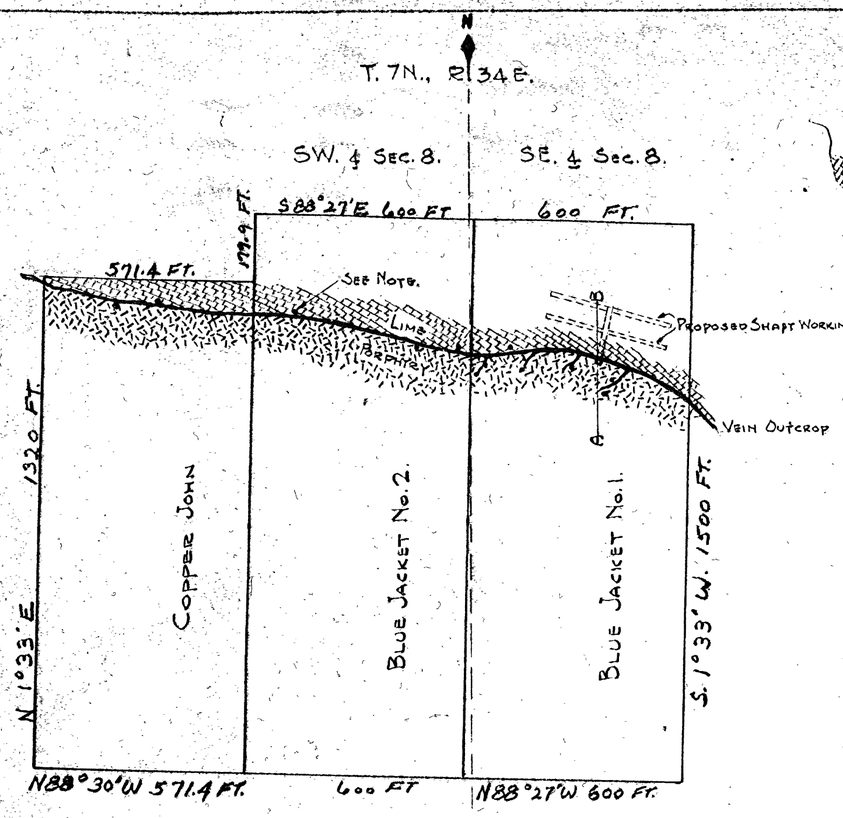

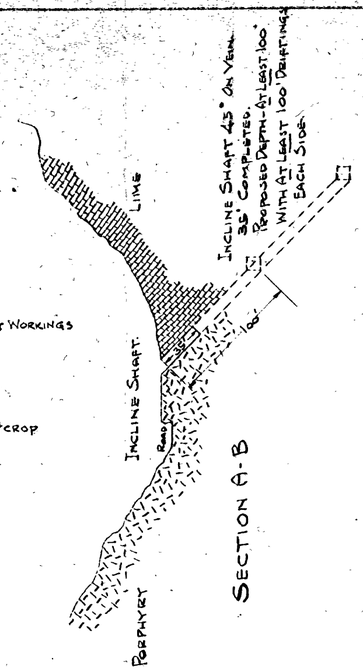

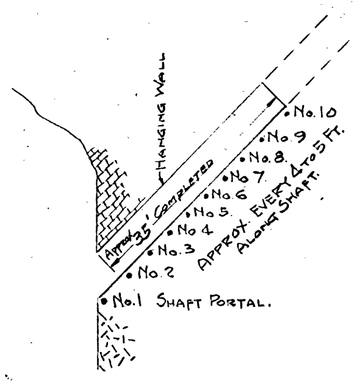

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