DM[illegible]rm 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

## CONTROLLED DOCUMENT

DMA Docket No. [illegible]

## DO NOT DETACH THIS SLIP

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

This document has been recorded as

[illegible]

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

| | | | |
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| To: | [illegible] | Date | [illegible] |
| To: | ~~26~~ 1-Commass, USGS 1-Copy loc. [illegible] | Date | 7/13/51 |
| To: | Mr. Lyon | Date | 8/2/51 |
| To: | Reports & Records | Date | 8-6-51 |
| To: | | Date | |
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## DO NOT DETACH

## CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

1800 Spruce St.,
Berkeley, Calif.,

Aug. 11, 1951.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 14 1951

Mr. George Holderer,
Chief, Tungsten Branch,
Defense Mineara Admin,
Washington 25, D.C.

Subject DMA-1828X
Re: Exploration loan
Alhambra Mine.

Dear Mr. Holderer:

You have our Exploration Loan Application, numbered above, to which I would like to add more informative data. I was up at the mine when the form was sent in by our Secretary at Stockton, or it would have been included then.

Our property consists of claims grouped in the 1920's for gold and silver production. However, I believe the geologically obvious possibilities of rich minerals below the surface was the prime attraction - even though pockets had been worked on the surface off-and-on since 1849. Through 10 or 11 of our claims three parallel limestone ledges contact granite and other rock. One exposure runs for over 1000 feet. Tactite and garnetized rock, favorable to the formation of tungsten deposites in such contact points abound,, with now and then tungsten showing up under the lamp.

Several times a beginning was made on tunnels down the mountain side for the purpose of cutting these ledges at depth, but disasters from a quite-destructive dam burst to financial difficulties ended them. Just before the last war, one of our stockholders (Mr. Will Keuchler, a Stockton business man) became so enthused over a privately hired engineer's report that he raised considerable capital (much of it being his own) and began operations on a fair scale. Working toward the limestone, he encountered Wulframite and a seam of Scheelite. With the War demand for Tungsten increasing he bent all efforts to obtain this. But instead of continuing straight for the limestone ledges, he turned and followed the Shheelite - several hundred feet of tunnel that did not discover much. Running out of capital, he was "rescued" by his brother-in-law, the late Mr. A.L.Stewart, a Bay Area capitalist. Mr. Stewart had another private report made, and in turn became so enthused he took over. He then organized the Alpine Mining Corporation, secured a lease of our property on a production percentage basis, and began work.

A more thorough survey was begun - to show up a rather encouraging scheelite area on the surface just off our property. This was probed, and eventually produced over 6000 units. All efforts were bent right there until the War's end and prices fell. Later Mr. Stewart died of a heart attack, and the Alpine folded. We went back to doing our holding assessment work, and some probing for other stuff.

With the recent big price boost in Tungsten, the former Alpine superintendent, Mr. Robert Morris, reorganized Alpine and is now producing on that spot again. He is a former R.F.C. appraiser who became enthused over the area while investigating the Alpine, and quit to take over there on a percentage basis. Although he has no connection with Alhambra he thoroughly believes in our property and helps with technical matters. Our development will at least mean mutual benefits, use of plant, etc. Although feeling that we likely had large bodies at depth he is aware of our limited finances and has suggested a thorough search of the exposed limestone-granite contacts. I and a small crew have been doing this this summer, but sofar have only found an occasional showing for the lamp. Not enough to encourage a vertical shaft for any depth at all; unless one had ample capital.

Our problem therefore is to complete the original project of tunneling in at depth to the ledges, likely extending Mr. Keuchler's tunnel and lead straight in. This would be around 200 feet. Another place, shorter, with some scheelite about, is just below the falls, and lower down at that. Mr. Morris agrees, and has often said Keuchler should have kept on.

I wouldbe glad to go over the property with one of your men, and so would Mr. Morris. He will also send you any information desired. You have data on his place now (due to R.F.C.loans made) and ours is the same ledge, plus more. We all think there is a great of Tungsten and even other desired metals there. We are more than willing to gamble on it ourselves, and would like the Government to investigate the great potentialities there.

Very Truly Yours,

Homer C. Votaw

Homer C. Votaw
Vice President, Alhambra,
709 Calif. Bldg.,
Stockton, Calif.

1800 Spruce St.,
Berkeley, Calif.,

Aug. 11, 1951.

Mr. George Holderer,
Chief, Tungsten Branch,
Defense Mineara Admin,
Washington 25, D.C.

Subject DMA-1898X
Re: Exploration loan
Alhambra Mine.

DEPARTMENT OF THE INTERIOR
Bureau of Mines
RECEIVED
AUG 14 1951

Dear Mr. Holderer:

You have our Exploration Loan Application, numbered above, to which I would like to add more informative data. I was up at the mine when the form was sent in by our Secretary at Stockton, or it would have been included then.

Our property consists of claims grouped in the 1920's for gold and silver production. However, I believe the geologically obvious possibilities of rich minerals below the surface was the prime attraction - even though pockets had been worked on the surface off-and-on since 1849. Through 10 or 11 of our claims three parallel limestone ledges contact granite and other rock. One exposure runs for over 1000 feet. Tactite and garnetized rock, favorable to the formation of tungsten deposites in such contact points abound,, with now and then tungsten showing up under the lamp.

Several times a beginning was made on tunnels down the mountain side for the purpose of cutting these ledges at depth, but disasters from a quite destructive dam burst to financial difficulties ended them. Just before the last war, one of our stockholders (Mr. Will Keuchler, a Stockton business man) became so enthused over a privately hired engineer's report that he raised considerable capital (much of it being his own) and began operations on a fair scale. Working toward the limestone, he encountered Wulframite and a seam of Scheelite. With the War demand for Tungsten increasing he bent all efforts to obtain this. But instead of continuing straight for the limestone ledges, he turned and followed the Shhcelite - several hundred feet of tunnel that did not discover much. Running out of capital, he was "rescued" by his brother-in-law, the late Mr. A.L.Stewart, a Bay Area capitalist. Mr. Stewart had another private report made,and in turn became so enthused he took over. He then organized the Alpine Mining Corporation, secured a lease of our property on a production percentage basis, and began work.

A more thorough survey was begun - to show up a rather encouraging scheelite area on the surface just off our property. This was probed, and eventually produced over 6000 units. All efforts were bent right there until the War's end and prices fell. Later Mr. Stewart died of a heart attack, and the Alpine folded. We went back to doing our holding assessment work, and some probing for other stuff.

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Our problem therefore is to complete the original project of tunneling in at depth to the ledges, likely extending Mr. Keuchler's tunnel and lead straight in. This would be around 200 feet. Another place, shorter, with some scheelite about, is just below the falls, and lower down at that. Mr. Morris agrees, and has often said Keuchler should have kept on.

I wouldbe glad to go over the property with one of your men, and so would Mr. Morris. He will also send you any information desired. You have data on his place now (due to R.F.C.loans made) and ours is the same ledge, plus more. We all think there is a great of Tungsten and even other desired metals there. We are more than willing to gamble on it ourselves, and would like the Government to investigate the great potentialities there.

Very Truly Yours,

Homer C. Votaw

Homer C. Votaw
Vice President, Alhambra,
709 Calif. Bldg.,
Stockton, Calif.

HCV/s

August [illegible], 1951

Alpenhorn Mining Corporation
[illegible] California Building
[illegible]ington, California

In reply please refer to
[illegible] — Tungsten

Gentlemen:

We have reviewed your application for an exploration project covering [illegible] claims in Alpine County, California adjoining the Alpine Tungsten Mine.

Our reason is to do more a prospecting rather than exploration. The fact that your property is on contact between granite and metamorphic rocks is not sufficient evidence to justify an exploration loan from the Government, even though this geologic setting may be favorable for tungsten mineralization. Before we could consider your proposal favorably, it would be necessary for you to do the preliminary prospecting and demonstrate a reasonable chance of finding a commercial occurrence of tungsten ore. Then you would have to carried on with a more advanced program of work programs, such as trenches, pits, or adits.

We regret that we must deny your request.

Very truly yours,

Joe Lyon
Director, [illegible] Division

DMLemmon:nwj

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

List of File to Adm. Mgr. Div. 8/2/51

DMA-1828-X — Tungsten

3- MF-103 with typed answers

3- MF-100 with typed answers

1- letter Alhambra Mng. Corp. to DMA 6/28/51

1- Memo H. C. Miller to DMA 7/6/51

August 2, 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Tungsten Branch

Subject: Denial of Docket number 1[illegible] — Tungsten
Alhambra Mining Corporation
[illegible] California Building
[illegible], California

The applicant requested an exploration project costing $[illegible] on mining claims held for many years in [illegible] Valley, Alpine County, California.

The proposal involves surface prospecting with an ultra-violet lamp, to be followed by trenching and sampling if anything were found. The applicant apparently intends to meet his share of the cost by supervision for [illegible] months at $750 per month.

The application was denied because enough preliminary prospecting has not been done to demonstrate a reasonable chance of finding a tungsten ore body by the proposed work.

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Approved:

Director, Supply Division

DMLemmon:awj

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

DMA Form 2

DEFENSE MINERALS ADMINISTRAT

Status Change Notice

DMA Docket No. 1828X

To: Reports and Records Branch

From: Tungsten Branch—DMA

Date: August 2, 1951

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

Forwarded to Director of Supply Division — Referred on to Administrative Management Division

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

August 2, 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Tungsten Branch

Subject: Denial of docket number 18.6-1 — Tungsten
Alhambra Mining Corporation
777 California Building
Stockton, California

The applicant requested an exploration project costing $9,163.95 on mining claims held for many years in Hope Valley, Alpine County, California.

The proposal involved surface prospecting with an ultra-violet lamp, to be followed by trenching and sampling if anything were found. The applicant apparently intends to meet his share of the cost by supervision for 3 months at $750 per month.

The application was denied because such preliminary prospecting has not been done to demonstrate a reasonable chance of finding a tungsten ore body by the proposed work.

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Approved:

Director, Supply Division

DMLemmon:swj

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

August 2, 1951

Alhambra Mining Corporation
7[illegible] California Building
Stockton, California

In reply please refer to
CMA-1878-1 — Tungsten

Gentlemen:

We have reviewed your application for an exploration project costing $9,[illegible].00 on claims in Alpine County, California adjoining the Alpine Tungsten Mine.

Your proposal is to do surface prospecting rather than exploration. The fact that your property is on contacts between granite and metamorphic rocks is not sufficient evidence to justify an exploration loan from the Government, even though this geologic setting may be favorable for tungsten mineralization. Before we could consider your proposal favorably, it would be necessary for you to do the preliminary prospecting and development to a reasonable chance of finding a commercial occurrence of tungsten ore. Then you would have to provide us with a map showing the location of work processes, such as trenches, pits, or adits.

We regret that we must deny your request.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

DMLemmon:awj

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

FILE COPY
SURNAME:

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

a. E. C.

Holderer
Lemmon
Geehan

August 2, 1951

Alhambra Mining Corporation
709 California Building
Stockton, California

In reply please refer to
[illegible] — Tungsten

Gentlemen:

We have reviewed your application for an exploration project costing $9,[illegible] on claims in Alpine County, California adjoining the Alpine Tungsten Mine.

Your proposal is to do surface prospecting rather than exploration. The fact that your property is on contacts between granite and metamorphic rocks is not sufficient evidence to justify an exploration loan from the Government, even though this geologic setting may be favorable for tungsten mineralization.. Before we could consider your proposal favorably, it would be necessary for you to do the preliminary prospecting and demonstrate a reasonable chance of finding a commercial occurrence of tungsten ore. Then you would have to provide us with a map showing the location of work proposed, such as trenches, pits, or adits.

We regret that we must deny your request.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

DMLemmon:awj

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

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

August [illegible], 1951

Alhambra Mining Corporation
709 California Building
Stockton, California

In reply please refer to
[illegible] — Tungsten

Gentlemen:

We have reviewed your application for an exploration project costing $9,[illegible] on claims in Alpine County, California adjoining the Alpine Tungsten Mine.

Your proposal is to do surface prospecting rather than exploration. The fact that your property is on contacts between granite and metamorphic rocks is not sufficient evidence to justify an exploration loan from the Government, even though this geologic setting may be favorable for tungsten mineralization.. Before we could consider your proposal favorably, it would be necessary for you to do the preliminary prospecting and demonstrate a reasonable chance of finding a commercial occurrence of tungsten ore. Then you would have to provide us with a map showing the location of work proposed, such as trenches, pits, or adits.

We regret that we must deny your request.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

DMLemmon:awj

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

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

August 2, 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Tungsten Branch

Subject: Denial of docket number 1828-X — Tungsten
Alhambra Mining Corporation
709 California Building
Stockton, California

The applicant requested an exploration project costing $9,863.98 on mining claims held for many years in Hope Valley, Alpine County, California.

The proposal involved surface prospecting with an ultra-violet lamp, to be followed by trenching and sampling if anything were found. The applicant apparently intends to meet his share of the cost by supervision for 3 months at $750 per month.

The application was denied because enough preliminary prospecting has not been done to demonstrate a reasonable chance of finding a tungsten ore body by the proposed work.

George B. Holderer
Chief, Tungsten Branch

Approved:

Tom Lyon
Director, Supply Division

FILE COPY
SURNAME:

Holderer
Lemmon/H
Geehan

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

August 2, 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Tungsten Branch

Subject: Denial of docket number 1828-A — Tungsten
Alhambra Mining Corporation
709 California Building
Stockton, California

The applicant requested an exploration project costing $9,863.98 on mining claims held for many years in Rose Valley, Alpine County, California.

The proposal involved surface prospecting with an ultra-violet lamp, to be followed by trenching and sampling if anything were found. The applicant apparently intends to meet his share of the cost by supervision for 3 months at $750 per month.

The application was denied because enough preliminary prospecting has not been done to demonstrate a reasonable chance of finding a tungsten ore body by the proposed work.

George F. Holderer
George F. Holderer
Chief, Tungsten Branch

Approved:

Tom Lyon

Director, Supply Division

DMLemmon:awj

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

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

340

August 2, 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Tungsten Branch

Subject: Denial of docket number 1828-X — Tungsten
Alhambra Mining Corporation
709 California Building
Stockton, California

The applicant requested an exploration project costing $9,863.98 on mining claims held for many years in Hope Valley, Alpine County, California.

The proposal involved surface prospecting with an ultra-violet lamp, to be followed by trenching and sampling if anything were found. The applicant apparently intends to meet his share of the cost by supervision for 3 months at $750 per month.

The application was denied because enough preliminary prospecting has not been done to demonstrate a reasonable chance of finding a tungsten ore body by the proposed work.

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Approved:

Tom Lyon

Director, Supply Division

DMLemmon:awj

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

List of File to Adm. Mgr. Div. 8/2/51

DMA-1828-X — Tungsten

3- MF-103 with typed answers

3- MF-100 with typed answers

1- letter Alhambra Mng. Corp. to DMA 6/28/51

1- Memo H. C. Miller to DMA 7/6/51

DRAFT

Alhambra Mining Corporation
709 California Building
Stockton, California

In reply please refer to DMA 1828-X
Tungsten

Gentlemen:

We have reviewed your application for an exploration project costing $9,805.98 on claims in Alpine County, California adjoining the Alpine Tungsten Mine.

Your proposal is to do surface prospecting rather than exploration. The fact that your property is on contacts between granite and metamorphic rocks is not sufficient evidence to justify an exploration loan from the Government, even though this geologic setting may be favorable for tungsten mineralization. Before we could consider your proposal favorably, it would be necessary for you to do the preliminary prospecting and demonstrate a reasonable chance of finding a commercial occurrence of tungsten ore. Then you would have to provide us with map showing the location of work proposed, such as trenches, pits, or adits.

We regret that we must deny your request.

Very truly yours,

Tom Lyon
Director, Supply Division

cc Field team, Region 3, S.F. (2)

D. M. Lemmon July 25, 1951

DRAFT

Memorandum

To: Administrative Management Division

From: Tungsten Branch
Through: Director, Supply Division
Subject: Denial of docket number 1828-X -- Tungsten
Alhambra Mining Corporation
709 California Building
Stockton, California

The applicant requested an exploration project costing $9,863.98 on mining claims held for many years in Hope Valley, Alpine County, California.

The proposal involved surface prospecting with an ultraviolet lamp, to be followed by trenching and sampling if anything were found. The applicant apparently intends to meet his share of the cost by supervision for 3 months at $750 per month.

The application was denied because enough preliminary prospecting has not been done to demonstrate a reasonable chance of finding a tungsten ore body by the proposed work.

George B. Holderer
Chief, Tungsten Branch

D. M. Lemmon July 23, 1951

July 17, 1951

Mr. Clarence L. Dickinson
Secretary
Alhambra Mining Corporation
709 California Building
Stockton, California

Subject: DMA-1828X
Re: Exploration Loan -
Alhambra Mine

My dear Mr. Dickinson:

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

The application was assigned Docket Number DMA-1828X and referred to Mr. George Holderer, Chief, Tungsten Branch on July 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1328X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

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

Office of
Executive Officer
DMA Field Team
Region III

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

July 6, 1951

1828-X

Memorandum

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

From: Executive Officer, DMA Field Team, Region III

Subject: MF-100 Forms, General Technical Data, and MF-103 Forms, Application for Exploration Aid
The Alhambra Mining Corporation
709 California Building
Stockton, California

Attached are subject applicant's MF-100 and MF-103 forms, dated June 28, 1951, which were originally submitted to the General Services Administration Office and received from that agency on July 5.

Applicant is applying for an exploration loan for opening up his tungsten property in Alpine County, California, at an estimated cost of $9,863.98.

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

Attachments

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LANDON F. STROBEL
Executive Secretary

| Referred to | Noted | Date |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Answered | | |

THE ALHAMBRA MINING CORPORATION
709 California Building
Stockton, California

June 28, 1951

Defense Minerals Administration
Regional Office #9
630 Sansome Street Room 1415
San Francisco, California

RE: CERTIFICATE OF AUTHORIZATION
Domestic Tungsten Program
Number 9-1158

Attention: Mr. Robert B. Bradford
Regional Director

Gentlemen:

This will acknowledge receipt of and thank you for the above captioned Certificate of Authorization.

Enclosed herewith you will please find (in quadruplicate) Defense Minerals Administration Forms No. MF-100 and MF-103. You will please note that supplements are attached thereto containing information for which there was not room on the forms.

All of this information is given to the best of the knowledge and belief of the undersigned. We feel encouraged in the fact that Mr. R.D. Morris, referred to on several occasions in the respective above mentioned forms, is taking an active interest in the directing of this exploration project. In fact, he assisted greatly in making estimates and technical statements as regards geological formation. Having known him as a good technical man and successful miner for several years, we do not believe that he would have encouraged us to proceed had he not thought there was a good chance of production.

We are sure that if the Administration is favorably impressed, Mr. Morris will give every cooperation in answering further questions or in an inspection of the property.

Very respectfully,

Clarence L. Dickinson

CLARENCE L. DICKINSON
Secretary of
THE ALHAMBRA MINING CORPORATION

CLD:c

FORM MF - 100

(41)

Form MF-100
(May 1951)

# U. S. DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

# GENERAL TECHNICAL DATA
# FOR USE UNDER THE
# DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA 182 X

Date received 7-10-51

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BLDG.
STOCKTON, CALIF.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 5 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date June 28, 1951

## INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

## GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? See supplement attached.
   (*b*) What are the byproducts, if any? " " "
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry(ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: See supplement attached.
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   See supplement attached
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. West from Gardnerville, Nev. about 26 or 27 miles.
   (*b*) Mining district. Hope Valley Mining District
   (*c*) Township, Section, Range. Portions of Sections 10 & 11, Twp. 10 N. R 18 E.
   (*d*) County, State. Alpine County, California
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. See supplement attached.
   (*b*) Are you operating this property as: See Supplement attached.
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LANDON E. STROBEL
Executive Secretary

5. Number of years in production None
   If not in production or operation, estimated date when production will begin 1952
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. See Supplement attached.
7. History: See Supplement attached.
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

16—63792-2

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

| Name and Address (a) | Official Title (If officer is also director indicate by "D") (b) | Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c) | Estimated Net Worth Outside of Interest in Applicant (d) | Number of Shares Held in Applicant Corporation: Common (e) | Number of Shares Held in Applicant Corporation: Preferred (f) | Life Insurance Carried for Benefit of Applicant: Amount (g) | Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h) |
|---|---|---|---|---|---|---|---|
| Vinnie L. Hopkins 221 E. Park St. Stockton, Calif. | President Director | None | $25,000 | 925,519 | None | None | None |
| Clarence L. Dickinson 709 California Bldg. Stockton, Calif. | Secty-Treas. Director | None | 10,000 | 103,000 | None | None | None |
| Homer C. Votaw 1800 Spruce St. Berkeley 9, Calif. | Vice Pres. Director | None | 30,000 | 10,250 | None | None | None |
| Ethel C. Votaw, Rt.1, Bx.60 El Cajon, Calif. | Stockholder | None | 25,000 | 10,250 | None | None | None |
| Virgil Azzaro, 600 E. Main St. Stockton, Calif. | " | None | 100,000 | 7,275 | None | None | None |
| Julius Blum, Bank of America Stockton, Calif. | " | None | 100,000 | 4,250 | None | None | None |
| F. Will Kuechler, 1121 W. Walnut Stockton, Calif. | " | None | 10,000 | 14,300 | None | None | None |
| Geo. A. Montrose, Gardnerville, | " | None | 20,000 | 6,000 | None | None | None |
| | Total | None | x x x x | 1,080,844 | None | x x x x x | x x x x x |

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

| Item | Authorized (a) | Outstanding (b) | Par Value (c) | Number of Shares Outstanding (d) | Dividend Rate Last Paid* (e) |
|---|---|---|---|---|---|
| Common stock | $1,500,000 | $1,199,465 | $ 1.00 | 1,199,465 | None |
| Preferred stock | $ None | $ None | $ None | None | None |

*Indicate period covered.

10. Production:

| Item | Kind of Product (a) | 1948 Total (b) | 1949 Total (c) | 1950 Total (d) | Present Average Monthly (e) |
|---|---|---|---|---|---|
| 1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.) | None | None | None | None | None |
| 2. Quantity of product processed (specify unit of measure and type of process) | None | None | None | None | None |
| 3. Quantity and grade of product sold or shipped (specify units of measure) | None | None | None | None | None |

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Contemplate production of tungsten. Impossible to estimate at present time.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. See supplement attached

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve. **Seesupplement attached**

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows: **No ore blocked - unknown.**

TOTAL ORE OR MINERAL RESERVES

| Ore or Mineral Reserve | Estimated Tons (a) | Metal or Mineral Content Per Ton (Grade) (b) | Gross Value Per Ton (c) | Recoverable Unit Value Per Ton (d) | Estimated Cost of Production Per Ton (e) |
|---|---|---|---|---|---|
| Measured (proved) | None | None | None | None | None |
| Indicated (probable) | | | | | |

(*c*) If placer: **-- (Not placer -- Lode)**

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

**See supplement attached**

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

**A sufficient quantity of water is available for drilling at all times.**

15. Power:

State amount of power used, rate per hour, and source thereof. **Source - Gasoline Motors.**

**The amount of power to be used will depend upon the result of operations to follow.**

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

**Labor has not been a problem in this vicinity; miners, muckers and millmen being readily available.**

17. Equipment and Facilities:

**two-room cabin.**

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

**See supplement attached.**

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.

THE ALHAMBRA MINING CORPORATION
(Name of company)

By Clarence L. Dickinson
(Signature of authorized official)
CLARENCE L. DICKINSON

June 28, 1951
(Date)

Secretary
(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.**

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

## General Geological Data

1. Materials produced:
   (a) Property has never been mined on a commercial scale
   (b) Consequently, no by-products. (Extensive prospect work)

2. [illegible] (sometimes called the [illegible] or more recently as the [illegible]) a lode mine. No shafts or mill on the property.
   (a) There are a number of prospect adits, estimated a possible 200 feet in all.
   (b) With only a few prospect drifts or crosscuts, footage nominal.
   (c) Because of the contour of the country, engineers advise that it is probably more economically advisable to prospect and work through tunnels.
   It is estimated that there are about 750 to 1000 feet of tunnels.
   (Nearly all old, and for gold and silver.)
   (d) From time to time there has been a count of [illegible] done. It is neither would not [illegible] the existence of the lineal [illegible].
   The mine is not flooded nor is it contemplated that there will be pump or water [illegible] especially in the area where prospecting for tungsten is to be done. It is high and away from lake or stream.

3. (a) See Form 4-100
   (b) " " " "
   (c) " " " "
   (d) " " " "

4. (a) Property is not now in operation, except for prospect work by owner.
   (b) Prospect work being done by owner, under experienced direction and advice of Mr. Dale Morris, operator of a nearby producing tungsten property.

5. See Form 4-100.

6. All of the present directors are familiar with the property and its operations, and in the past few years have directed its operations. Other experienced stockholders have worked on the property - some now deceased. Mr. Potter has had considerable mining experience. Mr. Blackman has had some mining experience and is primarily a business man. And the experience of Mr. Morris, mentioned above, operator and engineer on many other properties, will be availed upon for advice in operation.

7. History:
   (a) The Alhambra Mining Corporation was organized and promoted in 1941 by Col. [illegible] who died in the early 1950's, leaving the stock to his wife, [illegible] Hopkins, now deceased. The present directors know very little of the history of the property up to date, except what they know from the minutes of the corporation and by hearsay from the first subsequent stockholders. Mr. Blackman became Secretary of the corporation in 1960, after Mr. [illegible] died. Another was helping Mrs. Hopkins hold things together in that, the Secretary, Mr. Blackman, became interested other several plans on trips to the property. The great area of mineralization in Nevada, with every reason to believe that it is in a place of great potential value.

   All prospecting had been done on the Alhambra for gold and silver. The gold was discovered in 1941 and 1942 on property nearby, operated by the Alpine

Mining Company under the direction of Mr. R. D. Morris hereinbefore referred to.

The property never has become a producing mine but the exploration and assessment work has been continuous up to the present time, but without an authentic engineer's report.

(b) The Alpine Mining Company property nearby had a unit production of 6,000 plus, or $300,000 at current price for tungsten per unit, and is still producing under the direction of the aforementioned Mr. Morris.

(c) As stated before, there are no written or authentic reports of exploration, development, or metallurgical investigations; all prospecting was done for gold and silver, until recently.

8. See Form MF-100.

9. See Form MF-100.

10. See Form MF-100.

11. See Form MF-100.

12. Ore or Mineral Reserves:

(a) There is no ore blocked at the present time. Because of production of tungsten from the nearby Alpine Mine, we were prompted to search the area on this property for indications of tungsten. We were helped in this search by Mr. R. D. Morris, operator of The Alpine, who is very enthusiastic about the upper ledges and expressed a willingness so to report. These ledges must be searched for depth; all indications are, according to reports, that there is a large deposit of tungsten there.

(b) If deposit is other than placer:
(1) There are as yet no proven ore body or measurable ore or mineral reserve, except as indicated above.
(2) See Form MF-100.

(c) See Form MF-100.

13. Access Roads:

From the property to California Highway 89 there is a good county road for about a mile and a half. This road is also used and serves The Alpine Mine, a substantial tungsten producer in the vicinity. Highway 89, which connects at the Nevada State Line to Minden, is about 20½ miles. These roads are State maintained.

14. Water Supply: See Form MF-100.

15. Power: See Form MF-100.

16. Labor: See Form MF-100.

17. Equipment and Facilities: See Form DM-100

18. In the past, this Company seemed to have been followed with hard luck. Once a flood caused by the breaking of a dam, is reported to have destroyed their power installations and other equipment. Following that, engineers' reports and records of assays and other valuable accumulated data were destroyed by fire. Then the directing head, Col. Hopkins, was incapacitated by illness. Following the death of Col. Hopkins, Mr. F. Will Kuechler, directed the work of prospecting for gold and silver for Mrs. Hopkins, the principal stockholder, and the Corporation. This work was halted in the 1940's by restricted control of the Government and the prohibition of gold mining. That is when Mr. Kuechler's work was switched to the neighboring area for the production of tungsten by The Alpine Company under the successful management of Mr. Morris who is presently advising and directing us.

Form MF-100
(May 1951)

# U. S. DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

# GENERAL TECHNICAL DATA
# FOR USE UNDER THE
# DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA 1828X

Date received 7-10-51

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS
SECTION
RECEIVED
JUL 5 1951
SAN FRANCISCO, CALIFORNIA

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BUILDING
STOCKTON, CALIFORNIA

Name and address of applicant

Date June 28, 1951

## INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

## GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? See supplement attached.
   (*b*) What are the byproducts, if any? " " "
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: See supplement attached.
   (*a*) Linear feet of shafts. )
   (*b*) Linear feet of drifts and crosscuts. ) See supplement attached
   (*c*) Linear feet of tunnels or adits. )
   (*d*) Linear feet of other mine openings (explain briefly). )

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. West from Gardnerville, Nev. about 26 or 27 miles.
   (*b*) Mining district. Hope Valley Mining District
   (*c*) Township, Section, Range. Portions of Sections 10 & 11, Twp. 10 N. R 18 E
   (*d*) County, State. Alpine County, California
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. (See Supplement attached)
   (*b*) Are you operating this property as:
   ☒ Owner. (See Supplement attached)
   ☐ Lessee.
   ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LANDON F. STROBEL
Executive Secretary

5. Number of years in production None.
   If not in production or operation, estimated date when production will begin 1952
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. (See Supplement attached)
7. History: (See supplement attached)
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

| Name and Address (a) | Official Title (If officer is also director indicate by "D") (b) | Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c) | Estimated Net Worth Outside of Interest in Applicant (d) | Number of Shares Held in Applicant Corporation: Common (e) | Number of Shares Held in Applicant Corporation: Preferred (f) | Life Insurance Carried for Benefit of Applicant: Amount (g) | Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h) |
|---|---|---|---|---|---|---|---|
| Vinnie L. Hopkins 221 E. Park St. Stockton, Calif. | President Director | None | $25,000 | 925,519 | None | None | None |
| Clarence L. Dickinson 709 California Bldg. Stockton, Calif. | Secty-Treas. Director | None | $10,000 | 103,000 | None | None | None |
| Homer C. Votaw 1800 Spruce St. Berkeley 9, Calif. | Vice Pres. Director | None | $30,000 | 10,250 | None | None | None |
| Ethel C. Votaw, Rt. 1 Bx. 60, El Cajon, Calif. | Stockholder | None | $25,000 | 10,250 | None | None | None |
| Virgil Azzaro, 600 E. Main St. Stockton, Calif. | " | None | $100,000 | 7,275 | None | None | None |
| Julius Blum, Bank of America Stockton, Calif. | " | None | $100,000 | 4,250 | None | None | None |
| F. Will Kuechler, 1121 W. Walnut Stockton, Calif. | " | None | $10,000 | 14,300 | None | None | None |
| Geo. A. Montrose, Gardnerville, Nev. | " | None | $20,000 | 6,000 | None | None | None |
| | Total | None | x x x x | 1,080,844 | None | x x x x x | x x x x x |

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

| Item | Authorized (a) | Outstanding (b) | Par Value (c) | Number of Shares Outstanding (d) | Dividend Rate Last Paid* (e) |
|---|---|---|---|---|---|
| Common stock | $ 1,500,000 | $ 1,199,465 | $ 1.00 | 1,199,465 | None |
| Preferred stock | $ None | $ None | $ None | None | None |

*Indicate period covered.

10. Production:

| Item | Kind of Product (a) | 1948 Total (b) | 1949 Total (c) | 1950 Total (d) | Present Average Monthly (e) |
|---|---|---|---|---|---|
| 1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.) | None | None | None | None | None |
| 2. Quantity of product processed (specify unit of measure and type of process) | None | None | None | None | None |
| 3. Quantity and grade of product sold or shipped (specify units of measure) | None | None | None | None | None |

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Contemplate production of tungsten. Impossible to estimate at present time.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. (See Supplement attached)

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve. **(See supplement attached)**

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows: **No ore blocked - unknown.**

TOTAL ORE OR MINERAL RESERVES

| Ore or Mineral Reserve | Estimated Tons (a) | Metal or Mineral Content Per Ton (Grade) (b) | Gross Value Per Ton (c) | Recoverable Unit Value Per Ton (d) | Estimated Cost of Production Per Ton (e) |
|---|---|---|---|---|---|
| Measured (proved) | None | None | None | None | None |
| Indicated (probable) | | | | | |

(*c*) If placer: **-- (Not placer -- Lode)**

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, even or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

**(See supplement attached)**

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

**A sufficient quantity of water is available for drilling at all times.**

15. Power:

State amount of power used, rate per hour, and source thereof. **Source - Gasoline Motors.**

**The amount of power to be used will depend upon the result of operations to follow.**

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

**Labor has not been a problem in this vicinity; miners, muckers and millmen being readily available.**

17. Equipment and Facilities: **Two room Cabin.**

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

**(See Supplement attached)**

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.

THE ALHAMBRA MINING CORPORATION
(Name of company)

By _____
(Signature of authorized official)
CLARENCE L. DICKINSON, SECRETARY

June 28, 1951
(Date)

_____
(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.**

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Supplement - Form MF-100 June 28, 1951
U.S. Department of the Interior
Defense Minerals Administration

THE ALHAMBRA MINING CORPORATION
Page 1

## General Technical Data

1. Materials produced:
   (a) Property has never been mined on a commercial basis;
   (b) Consequently, no by-products. (Extensive Prospect Work)

2. ALHAMBRA MINING CORPORATION (sometimes called the ALHAMBRA Group or known locally as the ALHAMBRA Mine); a lode mine. No smelter or mill on the property.
   (a) There are a number of prospect shafts, estimated a possible 250 feet in all.
   (b) With only a few prospect drifts or crosscuts, footage nominal.
   (c) Because of the contour of the country, engineers advise that it is probably more economically advisable to prospect and work through tunnels. It is estimated that there are about 750 to 1000 feet of tunnels. (Nearly all old, and for gold and silver.)
   (d) From time to time there was some amount of trenching done. This writer would not hazard the estimate of the lineal feet.

   The mine is not flooded nor is it contemplated that there will be pump or water hazard; especially in the area where prospecting for tungsten is to be done. It is high and away from lake or streams.

3. (a) See Form MF-100
   (b) " " " "
   (c) " " " "
   (d) " " " "

4. (a) Property is not now in operation, except for prospect work by owner.
   (b) Prospect work being done by owner, under engineering direction and advice of Mr. R.D. Morris, operator of a nearby producing tungsten property.

5. See Form MF-100.

6. All of the present directors are familiar with the property and its operations; and in the past few years have directed its operations. Other experienced stockholders have worked on the property - some now deceased. Mr. Votaw has had considerable mining experience. Mr. Dickinson has had some mining experience but is primarily a business man. But the experience of Mr. Morris, mentioned above, operator and engineer on many other properties, will be depended upon for advice in operation.

7. History:
   (a) The Alhambra Mining Corporation was organized and promoted in 1921 by Col. J.W. Hopkins who died in the early 1930's, leaving his stock to his wife, Vinnie L. Hopkins, now President. The present directors know very little of the history of the property up to this time, except that taken from the minutes of the Corporation and by heresay from the then contemporary stockholders. Mr. Dickinson became Secretary of the Corporation in 1935, after Mr. F. Will Kuechler was helping Mrs. Hopkins hold things together; in fact, the Secretary, Mr. Dickinson, became interested after several pleasure trips to the property. The great area of mineralization is fascenating, with every reason to believe that it is a place of great potential value.

   All prospecting had been done on The Alhambra for gold and silver. Tungsten was discovered in 1941 and 1942 on property nearby operated by the Alpine

Mining Company under the direction of Mr. R. D. Morris hereinbefore referred to.

The property never has become a producing mine but the exploration and assessment work has been continuous up to the present time, but without an authentic engineer's report.

(b) The Alpine Mining Company property nearby had a unit production of 6,000 plus, or $390,000 at current price for tungsten per unit, and is still producing under the direction of the aforementioned Mr. Morris.

(c) As stated before, there are no written or authentic reports of exploration, development, or metallurgical investigation; all prospecting was done for gold and silver, until recently.

8. See Form MF-100.

9. See Form MF-100.

10. See Form MF-100.

11. See Form MF-100.

12. Ore or Mineral Reserves:

(a) There is no ore blocked at the present time. Because of production of tungsten from the nearby Alpine Mine, we were prompted to search the area on this property for indications of tungsten. We were helped in this search by Mr. R. D. Morris, operator of The Alpine, who is very enthusiastic about the upper ledges and expresses a willingness so to report. These ledges must be searched for depth; all indications are, according to reports, that there is a large deposit of tungsten there.

(b) If deposit is other than placer:
(1) There are as yet no proven ore body or measurable ore or mineral reserve, except as indicated above.
(2) See Form MF-100.

(c) See Form MF-100.

13. Access Roads:

From the property to California Highway 88 there is a good county road for about a mile and a half. This road is also used and serves The Alpine Mine, a substantial tungsten producer in the vicinity. Highway 88, which connects at the Nevada State Line to Minden, is about 26½ miles. These roads are State maintained.

14. Water Supply: See Form MF-100.

15. Power: See Form MF-100.

16. Labor: See Form MF-100.

17. Equipment and Facilities: See Form MF-100

18. In the past, this Company seemed to have been followed with hard luck. Once a flood caused by the breaking of a dam, is reported to have destroyed their power installations and other equipment. Following that, engineers' reports and records of assays and other valuable accumulated data were destroyed by fire. Then the directing head, Col. Hopkins, was incapacitated by illness. Following the death of Col. Hopkins, Mr. F. Will Kuechler, directed the work of prospecting for gold and silver for Mrs. Hopkins, the principal stockholder, and the Corporation. This work was halted in the 1940's by restricted control of the Government and the prohibition of gold mining. That is when Mr. Kuechler's work was switched to the neighboring area for the production of tungsten by The Alpine Company under the successful management of Mr. Morris who is presently advising and directing us.

- 0 -

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1085.
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. DM 1828X

Date received 7-10-51

Participation

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BLDG.
STOCKTON, CALIF.

RECEIVED
JUL 5 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date June 28, 1951

FILL IN THIS BLOCK

Date of application June 28, 1951

Estimated cost $9,863.98 (3 months)

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Hope Valley Mining District
Alpine County, California

Date of filing MF-100 June 28, 1951

DMA Docket Number, if available 1828X

## 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.

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
JUL 10 1951
LANDON F. STROBEL
Executive Secretary

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

*2. If a partnership, state names and addresses of partners. Corporation - see (1) above

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See Supplement MF-103

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. See Supplement - Form MF-103 attached

*5. Are you the owner or the lessee of the property? Yes - Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Owner - not Lessee.

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. See supplement attached.

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)? See supplement attached.

*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. **No real estate. Claims held by location.**
(*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. **See supplement attached.**

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

*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. **See supplement attached.**

*13. State source and quantity of water available for operations and its sufficiency at all seasons. **See supplement attached** 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. **See supplement attached**

15. State in detail how the ore could be shipped and how and where milled. **See supplement attached**

*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. **See supplement attached**
(*b*) State briefly the known history and production of adjoining and neighboring properties. **See supplement attached**
(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. **See supplement attached**

*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 | None | Never in production | | |
| (2) Milling | None | | | |
| (3) Shipped or sold | None | | | |

*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.
**Unknown**

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

## THE EXPLORATION

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

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. **See supplement attached.**

## 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. **See supplement attach**
(*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. **See supplement attached**
(*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. **See supplement "**
(*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. **See supplement attached.**

## 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.

THE ALHAMBRA MINING CORPORATION
(Name of company)

By _____
(Signature of authorized official)
CLARENCE L. DICKINSON
Secretary
(Title)

June 28, 1951
(Date)

**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

Supplement - Form DM-103 June 20, 1951
U.S. Department of the Interior
Defense Minerals Administration

THE ALMADEN MINING CORPORATION
Page 1

## The Applicant

1. See Form DM-103

2. See Form DM-103.

3.

| Officers | Title | Address | Shares Held |
|---|---|---|---|
| Hopkins, Vola | President-Director | 121 W. Park Street<br>Stockton, California | 925,515 |
| Yotes, Homer C. | Vice President<br>Director | 1003 Spruce Street<br>Berkeley 9, Calif. | 10,250 |
| Hutchinson, Cole | Secretary-Treasurer<br>Director | 700 California Bldg.<br>Stockton 2, Calif. | 103,000 |
| **Stockholders** | | | |
| Yotes, Ethel C. (2) | | Rte. 1, Box 60<br>El Cajon, California | 10,250 |
| Azzaro, Virgil (3) | | 600 N. Main Street<br>Stockton, California | 7,275 |
| Glen, Julius (5) | | Bank of America<br>Stockton, California | 6,000 |
| Auschler, Leo (6) | | 1121 W. Walnut Street<br>Stockton, California | 16,500 |
| Montrose, Geo. A. (5) | | Gardnerville, Nevada | 6,000 |

4. Directors are all very familiar with the property. President (Mrs.) V. Hopkins assisted her husband, Cole J. Hopkins, on this property from its beginning as the Almadera Mining Corporation until his death in the early 1930's. She lived on the property intermittently until 1941. She assisted the lessee after Cole Hopkins' death.

Mr. Yotes comes from a mining family and has had considerable mining experience as well as business experience.

Mr. Hutchinson has had some mining experience, but is primarily a business man. He has, however, contributed a considerable amount of time on the property, having worked there on many different occasions.

The management will be guided by the engineer-mining experience of Mr. L. D. Morris, manager for the past six years of the nearby tungsten producing property of the Alpine Mining Company and who is now the lease holder of that property. Mr. Morris is also a director of the American Tungsten Producers Assn.

5. See Form DM-103.

6. See Form DM-103.

7. See Form DM-103.

8. In regard to a financial statement, there never has been one since this writer became connected with the Almadera, there having been no income from operations. All taxes have been paid, prospecting costs for gold and silver, and the assessment work/has been done and paid for - except for a few years after 1948 in consideration of possible profit from gross royalty lease-agreement, - by stockholders who had faith in the potential value under proper and experienced management. Reports consisting of potential tons of ground held by location, profit a.

Labor have been properly filed for this year. California Franchise Tax has been paid; Nevada resident Agent Fee and Fee to Nevada Secretary of State has been paid; and the State and County taxes are paid. The Corporation owes no money.

9. On strength of Mr. Totaw's and Mr. Morris's very encouraging and very recent preliminary findings, some of the stockholders and directors, as they have done in the past few years, are amply able to take care of whatever contribution may be required for Capital, Labor and Equipment.

(a)

10. See Form Sr-103.

(b) Upper ledges of northerly end of the Alhambra group of claims, Hope Valley Mining District; portions of Sections 10 & 11, Twp. 10 N. & 13 E., Alpine County, California.

11. ALPINE MINING CORPORATION (sometimes called the Alhambra Group or known locally as the Alpine Mine).

12. The property is approximately 23 miles west of a custom mill located in Douglas County, Nevada. From the property to California Highway 88 there exists a well maintained county road. This distance is 1½ miles; this road serves the Alpine Mine, a substantial tungsten producing property in the vicinity, delivering ore to the mill above mentioned, near Carsonville, Nevada. From Highway 88 to the Nevada State Line and from there to where the paved highway joins a dirt road, a distance of 20 miles; the roads are oiled and State maintained the balance of the distance, 10 miles to the custom mill is not county road but has been surfaced at one time by the C.C.C. as a forest service project with gravel and is maintained by the users, namely the custom mill.

13. Sufficient water for drilling available at all times.

14. Two room cabin.

15. Shipped by truck to custom mill where they have a gravity concentrating plant consisting of 6 concentrating tables also a thickner and flotation cells for the flotation of the gravity concentrating plant tailings. This plant gives better than 85% recovery of WO3 contained. Settlement is on the recovered amount of WO3. Suppliers of ore take their own clean-up of concentrates. Payment for milling at stipulated rate per ton, $12.00 maximum. If ore is soft a lesser amount according to the amount that can be treated per day, amount delivered, etc.

16. (a) No written reports since Col. Hopkins' death. Previous reports and accounting data reportedly destroyed by fire, before this writer became acquainted with the property.

(b) Alpine Mine adjoining property having a mill production of 6,000 plus or $300,000.00 at current price for tungsten per unit.

(c) E.D. Morris, Manager of Alpine Mining Company for past 8 years and present owner of a lease on the mine from the Alpine Mining Company, states that there is ample geological evidence to warrant an extensive prospecting campaign, that the limestone-granite contacts on the property are favorable for the deposition of tungsten.

17. See Form MF-103

18. See Form MF-103.

19. Stock holders who became familiar with the property were sufficiently convinced of the great potential value of this property to keep it in test for themselves and other stockholders. The veins are well defined and large. The entire area is highly mineralized.

If, as and when tungsten is produced in quantity, consideration being given to a gravity tramway from the higher ledges - this to eliminate too more expensive hauling costs.

It might be stated here that the presently interested and active group of stockholders do not condone some of the practices of an earlier group who are no longer connected with the property.

## The Exploration

20. For tungsten in the form of scheelite.

21. Larding of the contact zone in the daytime and subsequent keeping with ultra violet lamps in the night time if any showing encountered trenching or striping of mineralized zone.

22. Extensive limestone granite contacts. Contact zone in some instances has been altered forming tactite, favorable for the deposition of tungsten.

Work could be completed in three months or less depending on the amount of trenching and striping warranted by primary examinations.

23. (a) 2 Prospectors @ $2.00 per hour
2 Muckers @ $2.00 per hour
Office Work $150.00 per month
(b) Supervision $750.00 per month
(c) (During Exploration - None)
(d) (During Exploration - None)
(e) Two ultra violet lights @ $65.00 $130.00
(f) Rental on Pickup or Jeep for
Transportation of men to work from quarters at Sorenson's camp 6 miles
3 months @ $200.00 $600.00
Rental of Bull-Dozer 10 days @ $20.00 $200.00
(g) Own no equipment at present None
(h) Gasoline 600 gallons @ 20¢ $120.00
Lubrication Oil 20 gallons @ $1.00 20.00
Explosives 60.00
Picks and Shovels 50.00
Small Tools & Miscellaneous 50.00
Batteries for Ultra Violet Lamps - ½ doz. @ $5.00 30.00
Sample Sacks - 100 @ 20¢ 20.00
Assaying, 100 @ $3.00 300.00
Office Supplies 50.00
(i) Estimated exploration power and water costs included in (h) above and in "time schedule" 24 following.

3.c First 30 days preliminary geology consisting of locating contact prospecting and trenching costs

| | |
|---|---|
| Labor 4 men @ $2.00 per hr. 768 hrs. | $1,536.00 |
| Supervision | 750.00 |
| Office Work | 100.00 |
| Ultra Violet Lights | 130.00 |
| Explosives | 30.00 |
| Picks and Shovels | 60.00 |
| Miscellaneous Small Tools | 50.00 |
| Equipment Rental Transportation | 200.00 |
| Assaying | 200.00 |
| Office Supplies | 50.00 |
| Sample Sacks | 25.00 |
| Gas & Oil 1/3 of total | 60.00 |
| | $ 3,512.00 |

Second 30 days: Trenching and Sampling of favorable areas continued prospecting:

| | |
|---|---|
| Costs: Labor 4 men - $2.00 per hour 768 hours | $1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Equipment Rental - Transportation | 200.00 |
| Assaying | 150.00 |
| Gas & Oil 1/3 of total | 46.00 |
| Batteries for lights | 35.00 |
| | $ 2,868.00 |

Last 30 days - Stripping Sampling and Trenching.
Conclusion of prospecting program:

| | |
|---|---|
| Labor 4 men $2.00 per hour 768 hours | $ 1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Transportation Rental | 200.00 |
| Caterpillar-Bull-Dozer Rental | 600.00 |
| Assaying | 150.00 |
| Gas and Oil | 46.00 |
| | $ 3,732.00 |

Total for 3 months - $9,863.38

Form MF-100
(May 1951)

# U. S. DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

# GENERAL TECHNICAL DATA
# FOR USE UNDER THE
# DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA 1828X

Date received 7-10-51

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
RECEIVED
JUL 5 1951
SAN FRANCISCO, CALIFORNIA

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BLDG.
STOCKTON, CALIF.

Name and address of applicant

Date June 28, 1951

## INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

## GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (a) What are the chief mine, mill, or smelter products? See supplement attached.
   (b) What are the byproducts, if any? " " "
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry(ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: See supplement attached.
   (a) Linear feet of shafts. "
   (b) Linear feet of drifts and crosscuts. } See supplement attached
   (c) Linear feet of tunnels or adits. }
   (d) Linear feet of other mine openings (explain briefly). }
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. West from Gardnerville, Nev. about 26 or 27 miles.
   (b) Mining district. Hope Valley Mining District
   (c) Township, Section, Range. Portions of Sections 10 & 11, Twp. 10 N. R 18 E.
   (d) County, State. Alpine County, California
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. See supplement attached.
   (b) Are you operating this property as:
   ☒ Owner. See Supplement attached.
   ☐ Lessee.
   ☐ Contractor.
5. Number of years in production None
   If not in production or operation, estimated date when production will begin 1952
6. Experience of operators:
   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. See Supplement attached.
7. History: See supplement attached.
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LANDON F. STROBEL
Executive Secretary

16—63792-2

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

| Name and Address (a) | Official Title (If officer is also director indicate by "D") (b) | Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c) | Estimated Net Worth Outside of Interest in Applicant (d) | Number of Shares Held in Applicant Corporation: Common (e) | Number of Shares Held in Applicant Corporation: Preferred (f) | Life Insurance Carried for Benefit of Applicant: Amount (g) | Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h) |
|---|---|---|---|---|---|---|---|
| Vinnie L. Hopkins 221 E. Park St. Stockton, Calif. | President Director | None | $25,000 | 925,519 | None | None | None |
| Clarence L. Dickinson 709 California Bldg. Stockton, Calif. | Secty-Treas. Director | None | 10,000 | 103,000 | None | None | None |
| Homer C. Votaw 1800 Spruce St. Berkeley 9, Calif. | Vice Pres. Director | None | 30,000 | 10,250 | None | None | None |
| Ethel C. Votaw, Rt.1, Bx.60 El Cajon, Calif. | Stockholder | None | 25,000 | 10,250 | None | None | None |
| Virgil Azzaro, 600 E. Main St. Stockton, Calif. | " | None | 100,000 | 7,275 | None | None | None |
| Julius Blum, Bank of America Stockton, Calif. | " | None | 100,000 | 4,250 | None | None | None |
| F. Will Kuechler, 1121 W. Walnut Stockton, Calif. | " | None | 10,000 | 14,300 | None | None | None |
| Geo. A. Montrose, Gardnerville, | " | None | 20,000 | 6,000 | None | None | None |
| | Total | None | x x x x | 1,080,844 | None | x x x x x | x x x x x |

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

| Item | Authorized (a) | Outstanding (b) | Par Value (c) | Number of Shares Outstanding (d) | Dividend Rate Last Paid* (e) |
|---|---|---|---|---|---|
| Common stock | $1,500,000 | $1,199,465 | $ 1.00 | 1,199,465 | None |
| Preferred stock | $ None | $ None | $ None | None | None |

*Indicate period covered.

10. Production:

| Item | Kind of Product (a) | 1948 Total (b) | 1949 Total (c) | 1950 Total (d) | Present Average Monthly (e) |
|---|---|---|---|---|---|
| 1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.) | None | None | None | None | None |
| 2. Quantity of product processed (specify unit of measure and type of process) | None | None | None | None | None |
| 3. Quantity and grade of product sold or shipped (specify units of measure) | None | None | None | None | None |

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Contemplate production of tungsten. Impossible to estimate at present time.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. See supplement attached

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve. **Seesupplement attached**

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows: **No ore blocked - unknown.**

TOTAL ORE OR MINERAL RESERVES

| Ore or Mineral Reserve | Estimated Tons (a) | Metal or Mineral Content Per Ton (Grade) (b) | Gross Value Per Ton (c) | Recoverable Unit Value Per Ton (d) | Estimated Cost of Production Per Ton (e) |
|---|---|---|---|---|---|
| Measured (proved) | None | None | None | None | None |
| Indicated (probable) | | | | | |

(*c*) If placer: **-- (Not placer -- Lode)**

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, even or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

**See supplement attached**

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

**A sufficient quantity of water is available for drilling at all times.**

15. Power:

State amount of power used, rate per hour, and source thereof. **Source - Gasoline Motors.**

**The amount of power to be used will depend upon the result of operations to follow.**

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

**Labor has not been a problem in this vicinity; miners, muckers and millmen being readily available.**

17. Equipment and Facilities:

**two-room cabin.**

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

**See supplement attached.**

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.

**THE ALHAMBRA MINING CORPORATION**
(Name of company)

By Clarence L. Dickinson
(Signature of authorized official)
**CLARENCE L. DICKINSON**

**June 28, 1951**
(Date)

**Secretary**
(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.**

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Supplement - Form MF-100
U.S. Department of the Interior
Defense Minerals Administration

June 28, 1951

THE ALHAMBRA MINING CORPORATION
Page 1

## General Technical Data

1. Materials produced:
   (a) Property has never been mined on a commercial basis;
   (b) Consequently, no by-products. (Extensive Prospect Work)

2. ALHAMBRA MINING CORPORATION (sometimes called the ALHAMBRA Group or known locally as the ALHAMBRA Mine); a lode mine. No smelter or mill on the property.
   (a) There are a number of prospect shafts, estimated a possible 250 feet in all.
   (b) With only a few prospect drifts or crosscuts, footage nominal.
   (c) Because of the contour of the country, engineers advise that it is probably more economically advisable to prospect and work through tunnels. It is estimated that there are about 750 to 1000 feet of tunnels. (Nearly all old, and for gold and silver.)
   (d) From time to time there was some amount of trenching done. This writer would not hazard the estimate of the lineal feet.

   The mine is not flooded nor is it contemplated that there will be pump or water hazard; especially in the area where prospecting for tungsten is to be done. It is high and away from lake or streams.

3. (a) See Form MF-100
   (b) " " " "
   (c) " " " "
   (d) " " " "

4. (a) Property is not now in operation, except for prospect work by owner.
   (b) Prospect work being done by owner, under engineering direction and advice of Mr. R.R. Morris, operator of a nearby producing tungsten property.

5. See Form MF-100.

6. All of the present directors are familiar with the property and its operations; and in the past few years have directed its operations. Other experienced stockholders have worked on the property - some now deceased. Mr. Votaw has had considerable mining experience. Mr. Dickinson has had some mining experience but is primarily a business man. But the experience of Mr. Morris, mentioned above, operator and engineer on many other properties, will be depended upon for advice in operation.

7. History:
   (a) The Alhambra Mining Corporation was organized and promoted in 1921 by Col. J.M. Hopkins who died in the early 1930's, leaving his stock to his wife, Winnie L. Hopkins, now President. The present directors know very little of the history of the property up to this time, except that taken from the minutes of the Corporation and by hearsay from the then contemporary stockholders. Mr. Dickinson became Secretary of the Corporation in 1935, after Mr. F. Will Ruechler was helping Mrs. Hopkins hold things together; in fact, the Secretary, Mr. Dickinson, became interested after several pleas re trips to the property. The great area of mineralization is fascinating, with every reason to believe that it is a place of great potential value.

   All prospecting had been done on the Alhambra for gold and silver. Tungsten was discovered in 1941 and 1942 on property nearby operated by the Alpine

Mining Company under the direction of Mr. R. D. Morris hereinbefore referred to.

The property never has become a producing mine but the exploration and assessment work has been continuous up to the present time, but without an authentic engineer's report.

(b) The Alpine Mining Company property nearby had a unit production of 6,000 plus, or $390,000 at current price for tungsten per unit, and is still producing under the direction of the aforementioned Mr. Morris.

(c) As stated before, there are no written or authentic reports of exploration, development, or metallurgical investigation; all prospecting was done for gold and silver, until recently.

8. See Form MP-100.

9. See Form MP-100.

10. See Form MP-100.

11. See Form MP-100.

12. Ore or Mineral Reserves:
(a) There is no ore blocked at the present time. Because of production of tungsten from the nearby Alpine Mine, we were prompted to search the area on this property for indications of tungsten. We were helped in this search by Mr. R. D. Morris, operator of The Alpine, who is very enthusiastic about the upper ledges and expresses a willingness so to report. These ledges must be searched for depth; all indications are, according to reports, that there is a large deposit of tungsten there.

(b) If deposit is other than placer:
(1) There are as yet no proven ore body or measurable ore or mineral reserve, except as indicated above.
(2) See Form MP-100.

(c) See Form MP-100.

13. Access Roads:

From the property to California Highway 88 there is a good county road for about a mile and a half. This road is also used and serves The Alpine Mine, a substantial tungsten producer in the vicinity. Highway 88, which connects at the Nevada State line to Minden, is about 28½ miles. These roads are State maintained.

14. Water Supply: See Form MP-100.

15. Power: See Form MP-100.

16. Labor: See Form MP-100.

17. Equipment and Facilities: See Form MF-100

18. In the past, this Company seemed to have been followed with hard luck. Once a flood caused by the breaking of a dam, is reported to have destroyed their power installations and other equipment. Following that, engineers' reports and records of assays and other valuable accumulated data were destroyed by fire. Then the directing head, Col. Hopkins, was incapacitated by illness. Following the death of Col. Hopkins, Mr. F. Will Kuechler, directed the work of prospecting for gold and silver for Mrs. Hopkins, the principal stockholder, and the Corporation. This work was halted in the 1940's by restricted control of the Government and the prohibition of gold mining. That is when Mr. Kuechler's work was switched to the neighboring area for the production of tungsten by The Alpine Company under the successful management of Mr. Morris who is presently advising and directing us.

- 0 -

FORM MF - 103

(21)

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 1828 X

Date received 7-10-51

Participation

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BLDG.
STOCKTON, CALIF.

RECEIVED
JUL 5 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date June 28, 1951

FILL IN THIS BLOCK

Date of application June 28, 1951

Estimated cost $9,863.98 (3 months)

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Hope Valley Mining District
Alpine County, California

Date of filing MF-100 June 28, 1951

DMA Docket Number, if available 1828X

## 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LANDON F. STROBEL
Executive Secretary

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

*2. If a partnership, state names and addresses of partners. Corporation - see (1) above

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See Supplement MF-103

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. See Supplement - Form MF-103 attached

*5. Are you the owner or the lessee of the property? Yes - Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Owner - not Lessee.

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. See supplement attached.

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)? See supplement attached.

*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. No real estate. Claims held by location.

(*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. See supplement attached.

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

*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. See supplement attached.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. See supplement attached
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. See supplement attached

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

*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. See supplement attached

(*b*) State briefly the known history and production of adjoining and neighboring properties. See supplement attached

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. See supplement attached

*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 | None | Never in production | | |
| (2) Milling | None | | | |
| (3) Shipped or sold | None | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. Unknown

(*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.
See supplement attached.

## THE EXPLORATION

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

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. See supplement attached.

## 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. See supplement attached

(*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. See supplement attached

(*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. See supplement "

(*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. See supplement attached.

## 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.

THE ALHAMBRA MINING CORPORATION
(Name of company)

By _____
(Signature of authorized official)
CLARENCE L. DICKINSON

June 28, 1951
(Date)

Secretary
(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

Supplement - Form MF-103
U.S. Department of the Interior
Defense Minerals Administration

June 28, 1951

THE ALHAMBRA MINING CORPORATION
Page 1

## The Applicant

1. See Form MF-103

2. See Form MF-103.

3.

| Officers | Title | Address | Shares Held |
|---|---|---|---|
| Hopkins, V.L. | President-Director | 221 E. Park Street Stockton, California | 925,519 |
| Votaw, Homer C. | Vice President Director | 1800 Spruce Street Berkeley 9, Calif. | 10,250 |
| Dickinson, C.L. | Secretary-Treasurer Director | 709 California Bldg. Stockton 2, Calif. | 103,000 |
| **Stockholders** | | | |
| Votaw, Ethel C. (1) | | Rt. 1, Box 60 El Cajon, California | 10,250 |
| Azzaro, Virgil (2) | | 600 E. Main Street Stockton, California | 7,275 |
| Blum, Julius (3) | | Bank of America Stockton, California | 4,250 |
| Kuechler, F.W. (4) | | 1121 W. Walnut Street Stockton, California | 14,300 |
| Montrose, Geo. A.(5) | | Gardnerville, Nevada | 6,000 |

4. Directors are all very familiar with the property. President (Mrs.) V.L.Hopkins assisted her husband, Col. J.W. Hopkins, on this property from its beginning as The Alhambra Mining Corporation until his death in the early 1930's. She lived on the property intermittently until 1941. She assisted the lessee after Col. Hopkins' death.

   Mr. Votaw comes from a mining family and has had considerable mining experience as well as business experience.

   Mr. Dickinson has had some mining experience, but is primarily a business man. He has, however, contributed a considerable amount of time on the property, having worked there on many different occasions.

   The management will be guided by the engineer-mining experience of Mr. R.D. Morris, manager for the past six years of the nearby tungsten producing property of the Alpine Mining Company and who is now the lease holder of that property. Mr. Morris is also a director of the American Tungsten Producers Ass'n.

5. See Form MF-103.

6. See Form MF-103.

7. See Form MF-103.

8. In regard to a financial statement, there never has been one since this writer became connected with the Alhambra, there having been no income from operation. All taxes have been paid, prospecting costs for gold and silver, and the assessment work has been done and paid for - except for a few years after 1935 in consideration of possible profit from gross royalty Lease-Agreement , - by stockholders who had faith in its potential value under proper and experienced management. Assets consist of potential valye of claims held by location. Proofs of

Labor have been properly filed for this year. California Franchise Tax has been paid; Nevada Resident Agent Fee and Fee to Nevada Secretary of State has been paid; and the State and County Taxes are paid. The Corporation owes no money.

9. On strength of Mr. Votaw's and Mr. Morris's very encouraging and very recent preliminary findings, some of the stockholders and directors, as they have done in the past few years, are amply able to take care of whatever contribution may be required for Capital, Labor and Equipment.

10. (a) See Form MF-103.

(b) Upper ledges of northerly end of the Alhambra group of claims, Hope Valley Mining District; portions of Sections 10 & 11, Twp. 10 N. R 18 E., Alpine County, California.

11. ALHAMBRA MINING CORPORATION (sometimes called the ALHAMBRA Group or known locally as the ALHAMBRA Mine).

12. The property is approximately 38 miles west of a custom mill located in Douglas County, Nevada. From the property to California Highway 88 there exists a well maintained county road, this distance is 1½ miles; this road serves the Alpine Mine, a substantial tungsten producing property in the vicinity, delivering ore to the mill above mentioned, near Gardnerville, Nevada. From Highway 88 to the Nevada State Line and from there to where the paved highway joins a dirt road, a distance of 26½ miles; the roads are oiled and State maintained the balance of the distance, 10 miles to the custom mill is not county road but has been surfaced at one time by the C.C.C. as a forest service project with gravel and is maintained by the users, namely the custom mill.

13. Sufficient water for drilling available at all times.

14. Two Room Cabin.

15. Shipped by truck to custom mill where they have a gravity concentrating plant consisting of 5 concentrating tables also a thickner and flotation cells for the flotation of the gravity concentrating plant tailings. This plant gives better than 85% recovery of $WO_3$ contained. Settlement is on the recovered amount of $WO_3$. Suppliers of ore take their own clean-up of concentrates. Payment for milling at stipulated amount per ton, $12.00 maximum, if ore is soft a lesser amount according to the amount that can be treated per day, amount delivered, etc.

16. (a) No written reports since Col. Hopkins' death. Previous reports and accumulated data reportedly destroyed by fire, before this writer became acquainted with the property.

(b) Alpine Mine adjoining property having a unit production of 6,000 plus or $390,000.00 at current price for tungsten per unit.

(c) R.D.Morris, Manager of Alpine Mining Company for past 6 years and present owner of a lease on the mine from the Alpine Mining Company, states that there is ample geological evidence to warrant an extensive prospecting campaign, that the limestone-granite contacts on the property are favorable for the deposition of tungsten.

17. See Form MF-103

18. See Form MF-103.

19. Stockholders who became familiar with the property were sufficiently convinced of the great potential value of this property to keep it in tact for themselves and other stockholders. The veins are well defined and large. The entire area is highly mineralized.

If, as and when tungsten is produced in quantity, consideration being given to a gravity tramway from the higher ledges; - this to eliminate the more expensive hauling costs.

It might be stated here that the presently interested and active group of stockholders do not condone some of the practices of an earlier group who are no longer connected with the property.

## The Exploration

20. For tungsten in the form of sheelite.

21. Marking of the contact zone in the daytime and subsequent lamping with ultra violet lamps in the night time if any showing encountered trenching or striping of mineralized zone.

22. Extensive limestone granite contacts. Contact zone in some instances has been altered forming tactite, favorable for the deposition of tungsten.

Work could be completed in three months or less depending on the amount of trenching and stripping warranted by primary examination.

23. (a) 2 Prospectors @ $2.00 per hour
2 Muckers @ $2.00 per hour
Office Work $150.00 per month
(b) Supervision $750.00 per month
(c) (During Exploration - None)
(d) (During Exploration - None)
(e) Two ultra violet lights @ $65.00 $130.00
(f) Rental on Pickup or Jeep for
Transportation of men to work from quarters at Sorenson's camp 6 miles
3 months @ $200.00 $600.00
Rental of Bull-Dozer 10 days @ $90.00 $900.00
(g) Own no equipment at present None
(h) Gasoline 500 gallons @ 26¢ $130.00
Lubrication Oil 10 gallons @ $1.00 10.00
Explosives 80.00
Picks and Shovels 50.00
Small Tools & Miscellaneous 50.00
Batteries for Ultra Violet Lamps - ½ doz. @ $6.00 36.00
Sample Sacks - 100 @ 20¢ 20.00
Assaying 100 @ $5.00 500.00
Office Supplies 50.00
(i) Estimated exploration power and water costs included in (h) above and in "time schedule" 24 following.

24. First 30 days preliminary geology consisting of locating contact prospecting and trenching cost:

| | |
|---|---|
| Labor 4 men @ $2.00 per hr. 768 hrs. | $1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Ultra Violet Lights | 130.00 |
| Explosives | 30.00 |
| Picks and Shovels | 50.00 |
| Miscellaneous Small Tools | 50.00 |
| Equipment Rental Transportation | 200.00 |
| Assaying | 200.00 |
| Office Supplies | 50.00 |
| Sample Sacks | 20.00 |
| Gas & Oil 1/3 of total | 46.66 |
| | $ 3,212.66 |

Second 30 days: Trenching and Sampling of favorable zones continued prospecting:

| | |
|---|---|
| Cost: Labor 4 men - $2.00 per hour 768 hours | $1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Equipment Rental - Transportation | 200.00 |
| Assaying | 150.00 |
| Gas & Oil 1/3 of Total | 46.66 |
| Batteries for lights | 36.00 |
| | $ 2,868.66 |

Last 30 days - Stripping Sampling and Trenching.
Conclusion of prospecting program:

| | |
|---|---|
| Labor 4 men $2.00 per hour 768 hours | $ 1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Transportation Rental | 200.00 |
| Caterpillar-Bull-Dozer Rental | 900.00 |
| Assaying | 150.00 |
| Gas and Oil | 46.66 |
| | $ 3,732.66 |

Total for 3 months - $9,863.98

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 1828 X

Date received 7-10-51

Participation

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BLDG.
STOCKTON, CALIF.

JUL 5 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date June 28, 1951

FILL IN THIS BLOCK

Date of application June 28, 1951

Estimated cost $9,863.98 (3 months)

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Hope Valley Mining District
Alpine County, California

Date of filing MF-100 June 28, 1951

DMA Docket Number, if available 1828X

## 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LANDON F. STROBEL
Executive Secretary

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

*2. If a partnership, state names and addresses of partners. Corporation - see (1) above

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See Supplement MF-103

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. See Supplement - Form MF-103 attached

*5. Are you the owner or the lessee of the property? Yes - Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Owner - not Lessee.

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. See supplement attached.

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)? See supplement attached.

*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. **No real estate. Claims held by location.**

(*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. **See supplement attached.**

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

*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. **See supplement attached.**

*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. **See supplement attached**

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

15. State in detail how the ore could be shipped and how and where milled. **See supplement attached**

*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. **See supplement attached**

(*b*) State briefly the known history and production of adjoining and neighboring properties. **See supplement attached**

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. **See supplement attached**

*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 | None | Never in production | | |
| (2) Milling | None | | | |
| (3) Shipped or sold | None | | | |

*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.

**Unknown**

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

**See supplement attached.**

## THE EXPLORATION

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

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. **See supplement attached.**

## 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. **See supplement attached**

(*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. **See supplement attached**

(*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. **See supplement** " " "

(*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. **See supplement attached.**

## 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.

THE ALBUQUERQUE MINING CORPORATION
(Name of company)

By _____
(Signature of authorized official)
CLARENCE L. DICKINSON
Secretary
(Title)

June 26, 1951
(Date)

**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

## The Applicant

1. See Form PF-103

2. See Form PF-103.

3.

| Officers | Title | Address | Shares Held |
|---|---|---|---|
| Hopkins, V.L. | President-Director | 221 E. Park Street<br>Stockton, California | 928,519 |
| Cotaw, Homer G. | Vice President<br>Director | 1800 Spruce Street<br>Berkeley 9, Calif. | 10,280 |
| Dickinson, C.L. | Secretary-Treasurer<br>Director | 709 California Bldg.<br>Stockton 4, Calif. | 103,000 |
| **Stockholders** | | | |
| Cotaw, Ethel M. (1) | | Rt. 1, Box 60<br>El Cajon, California | 10,280 |
| Azzaro, Virgil (2) | | 830 E. Main Street<br>Stockton, California | 7,275 |
| Olm, Janice (3) | | Bank of America<br>Stockton, California | 4,200 |
| Kuechler, Tom (4) | | 1121 W. Walnut Street<br>Stockton, California | 14,300 |
| Montrose, Geo. A. (5) | | Grantsville, Nevada | 6,000 |

4. Directors are all very familiar with the property. President (Mrs.) Telephone assisted her husband, Col. C.L. Hopkins, on this property from its beginning as the Almadenes Mining Corporation until his death in the early 1930's. She lived on the property intermittently until 1941. She assisted the lessee after Col. Hopkins' death.

Mr. Cotaw comes from a mining family and has had considerable mining experience as well as business experience.

Mr. Dickinson has had some mining experience, but is primarily a business man. He has, however, contributed a considerable amount of time on the property, having worked there on many different occasions.

The management will be guided by the engineer-mining experience of Mr. Lee Morris, manager for the past six years of the nearby Kingston porphyry property of the Alpine Mining Company and who is now the lease holder of that property. Mr. Morris is also a director of the Kingston Tungsten Producers Ass'n.

5. See Form PF-103.

6. See Form PF-103.

7. See Form PF-103.

8. As regard to a financial statement, there never has been one since this writer became connected with the Almadenes, there having been no income from operations. All taxes have been paid, prospecting costs for gold and silver, and the assessment work has been done and paid for - except for a few years after 1945 in consideration of possible profit from gross royalty lease-agreement, - by stockholders who had faith in the potential value under proper and experienced management. Assets consist of potential value on claims held by location. Proofs of

Labor have been properly filed for this year. California Franchise Tax has been paid; Nevada Resident Agent Fee and Fee to Nevada Secretary of State has been paid; and the State and County Taxes are paid. The Corporation owes no money.

9. In strength of Mr. Tatar's and Mr. Morris's very encouraging and very recent preliminary findings, some of the stockholders and directors, as they have done in the past few years, are amply able to take care of whatever contribution may be required for Capital, Labor and Equipment.

10. (a) See Form Ar-103.

(b) Upper ledges of northerly end of the Alhambra group of claims, Hope Valley Mining District; portions of Sections 10 & 11, Twp. 10 N. R 18 E., Alpine County, California.

11. ALPINE MINING CORPORATION (aka as called the Alhambra Group or known locally as the Wolfram Mine).

12. The property is approximately 23 miles west of a custom mill located in Douglas County, Nevada. From the property to California Highway 88 there exists a well maintained county road. This distance is 1½ miles; this road serves the Alpine Min. a substantial tungsten producing property in the vicinity, delivering ore to the mill above mentioned, near Carbonville, Nevada. From Highway 88 to the Nevada State line and from there to where the paved Highway joins a dirt road, a distance of 25 miles; the roads are oiled and State maintained the balance of the distance, 10 miles to the custom mill is not county road but has been surfaced at one time by the C.C.C. as a forest service project with gravel and is maintained by the users, namely the custom mills.

13. Sufficient water for drilling available at all times.

14. Two Zone Oxide.

15. Shipped by truck to custom mill where they have a gravity concentrating plant consisting of 5 concentrating tables also a thickener and flotation cells for the flotation of the gravity concentrating plant tailings. This plant gives better than 85% recovery of WO3 contained. Settlement is on the recovered amount of WO3. Suppliers of ore take their own clean-up of concentrates. Payment for milling as stipulated amount per ton, $12.00 maximum. If ore is soft a lesser amount according to the amount that can be treated per day, amount delivered, etc.

16. (a) No written reports since Cole Hopkins' death. Previous reports and accumulated data reportedly destroyed by fire, before this writer became acquainted with the property.

(b) Alpine Mine adjoining property having a gross production of 6,000 plus or $320,000.00 at current price for tungsten per unit.

(c) Mr. Morris, Manager of Alpine Mining Company for past 8 years and present owner of a lease on the mine from the Alpine Mining Company, states that there is ample geological evidence to warrant an extensive prospecting campaign, that the limestone-granite contacts on the property are favorable for the deposition of tungsten.

June 20, 1951

17. See Form MP-103

18. See Form MP-103.

19. Stockholders who became familiar with the property were sufficiently convinced of the great potential value of this property to keep it in test for themselves and other stockholders. The veins are well defined and large. The entire area is highly mineralized.

If, as and when tungsten is produced in quantity, consideration being given to a gravity tramway from the higher ledges - this to eliminate too more expensive hauling costs.

It might be stated here that the presently interested and active group of stockholders do not condone some of the practices of an earlier group who are no longer connected with the property.

## Pre Exploration

20. For tungsten in the form of scheelite.

21. Marking of the contact zone in the daytime and subsequent keeping with ultra violet lamps in the night time if any showing encountered; trenching or stripping of mineralized zone.

22. Extensive limestone granite contacts. Contact zone in some instances has been altered forming cavities, favorable for the deposition of tungsten.

Work could be completed in three months or less depending on the amount of trenching and stripping warranted by primary examination.

23. (a) 2 Prospectors @ $2.00 per hour
2 Muckers @ $2.00 per hour
Office work $150.00 per month
(b) Supervision $750.00 per month
(c) (During Exploration - None)
(d) (During Exploration - None)
(e) Two ultra violet lights @ $65.00 $130.00
(f) Rental on lift up or deep for
Transportation of men to work from quarters at Sorenson's camp 6 miles
3 months @ $200.00 $600.00
Rental of Bulldozer 10 days @ $50.00 $500.00
(g) Own no equipment at present None
(h) Gasoline 500 gallons @ 26¢ $130.00
Lubrication oil 10 gallons @ $1.00 10.00
Explosives 60.00
Picks and Shovels 50.00
Small Tools & Miscellaneous 50.00
Batteries for Ultra Violet Lamps - 2 Cases @ $40.00 80.00
Sample Sacks - 100 @ 20¢ 20.00
Assaying 200 @ $2.50 500.00
Office Supplies 50.00
(i) Estimated exploration power and water costs included in (h) above and in "time schedule" 24 following.

24. First 30 days preliminary geology consisting of locating contact prospecting and trenching costs

| | |
|---|---|
| Labor 4 men @ $2.00 per hrs 768 hrs. | $1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Ultra Violet Lights | 150.00 |
| Explosives | 50.00 |
| Picks and Shovels | 50.00 |
| Miscellaneous Small Tools | 50.00 |
| Equipment Rental Transportation | 200.00 |
| Assaying | 200.00 |
| Office Supplies | 50.00 |
| Sample Sacks | 20.00 |
| Gas & Oil 1/3 of total | 48.68 |
| | $ 3,012.68 |

Second 30 days Trenching and Sampling of favorable zones continued prospecting.

| | |
|---|---|
| Costs Labor 4 men - $2.00 per hour 768 hours | $1,536.00 |
| Supervision | 750.00 |
| Office wor. | 150.00 |
| Equipment Rental - Transportation | 200.00 |
| Assaying | 150.00 |
| Gas & Oil 1/3 of Total | 48.68 |
| Batteries for lights | 36.00 |
| | $ 2,868.68 |

Last 30 days - Stripping Sampling and Trenching.
Conclusion of prospecting program:

| | |
|---|---|
| Labor 4 men $2.00 per hour 768 hours | $ 1,536.00 |
| Supervision | 750.00 |
| Office work | 150.00 |
| Transportation Rental | 200.00 |
| Caterpillar-Bull-Dozer Rental | 900.00 |
| Assaying | 150.00 |
| Gas and Oil | 48.68 |
| | $ 3,732.68 |

Total for 3 months - $9,[illegible].98

FILE COPY
SURNAME:

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

July 17, 1951

Mr. Clarence L. Dickinson
Secretary
Alhambra Mining Corporation
709 California Building
Stockton, California

Subject: DMA-1828X
Re: Exploration Loan -
Alhambra Mine

My dear Mr. Dickinson:

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

The application was assigned Docket Number DMA-1828X and referred to Mr. George Holderer, Chief, Tungsten Branch on July 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1828X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

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 1828X

Date received 7-10-51

Participation

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BLDG.
STOCKTON, CALIF.

JUL 5 1951

Name and address of applicant

Date June 28, 1951

FILL IN THIS BLOCK

Date of application June 28, 1951

Estimated cost $9,883.98 (3 months)

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Hope Valley Mining District

Alpine County, California

Date of filing MF-100 June 28, 1951

DMA Docket Number, if available 1828X

## 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LANDON F. STROBEL
Executive Secretary

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

*2. If a partnership, state names and addresses of partners. Corporation - see (1) above

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See Supplement MF-103

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. See Supplement - Form MF-103 attached

*5. Are you the owner or the lessee of the property? Yes - Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Owner - not Lessee.

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. See supplement at-

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the costs 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)? See supplement attached.

*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. No real estate. Claims held by location.

(*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. See supplement attached.

*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. See supplement attached

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

*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 to and where milled. See supplement attached

*16. History: See supplement attached

(*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. See supplement attached

(*c*) Furnish any available (private) reports that may apply to this application, including reports on proposed or recommended exploration and development, and metallurgical investigations. See supplement attached

*17. Production: See supplement attached

(*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 | None | Never in production | | |
| (2) Milling | None | | | |
| (3) Shipped or sold | None | | | |

*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. Unknown

(*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.

See supplement attached.

## 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. See supplement attached

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.

See supplement attached.

## 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. See supplement attached

(*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. See supplement attached

(*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. See supplement

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.

See supplement attached.

## 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.

THE ALASKA (Name of company) CORPORATION

By _____ (Signature of authorized official)

CLARENCE L. DICKINSON

June 26, 1951 (Date) Secretary (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

Supplement - Form MF-103
U.S. Department of the Interior
Defense Minerals Administration

June 28, 1951

THE ALHAMBRA MINING CORPORATION
Page 1

## The Applicant

1. See Form MF-103

2. See Form MF-103.

3.

| Officers | Title | Address | Shares Held |
|---|---|---|---|
| Hopkins, V.L. | President-Director | 221 E. Park Street Stockton, California | 925,519 |
| Votaw, Homer C. | Vice President Director | 1800 Spruce Street Berkeley 9, Calif. | 10,250 |
| Dickinson, C.L. | Secretary-Treasurer Director | 709 California Bldg. Stockton 2, Calif. | 103,000 |
| **Stockholders** | | | |
| Votaw, Ethel C. (1) | | Rt. 1, Box 60 El Cajon, California | 10,250 |
| Azzaro, Virgil (2) | | 600 E. Main Street Stockton, California | 7,275 |
| Blum, Julius (3) | | Bank of America Stockton, California | 4,250 |
| Kuechler, F.M. (4) | | 1121 W. Walnut Street Stockton, California | 14,300 |
| Montrose, Geo. A.(5) | | Gardnerville, Nevada | 6,000 |

4. Directors are all very familiar with the property. President (Mrs.) V.L.Hopkins assisted her husband, Col. J.W. Hopkins, on this property from its beginning as The Alhambra Mining Corporation until his death in the early 1930's. She lived on the property intermittently until 1941. She assisted the lessee after Col. Hopkins' death.

Mr. Votaw comes from a mining family and has had considerable mining experience as well as business experience.

Mr. Dickinson has had some mining experience, but is primarily a business man. He has, however, contributed a considerable amount of time on the property, having worked there on many different occasions.

The management will be guided by the engineer-mining experience of Mr. R.D. Morris, manager for the past six years of the nearby tungsten producing property of the Alpine Mining Company and who is now the lease holder of that property. Mr. Morris is also a director of the American Tungsten Producers Ass'n.

5. See Form MF-103.

6. See Form MF-103.

7. See Form MF-103.

8. In regard to a financial statement, there never has been one since this writer became connected with the Alhambra, there having been no income from operation. All taxes have been paid, prospecting costs for gold and silver, and the assessment work has been done and paid for - except for a few years after 1935 in consideration of possible profit from gross royalty Lease-Agreement , - by stockholders who had faith in its potential value under proper and experienced management. Assets consist of potential value of claims held by location. Proofs of

Labor have been properly filed for this year. California Franchise Tax has been paid; Nevada Resident Agent Fee and Fee to Nevada Secretary of State has been paid; and the State and County Taxes are paid. The Corporation owes no money.

9. On strength of Mr. Votaw's and Mr. Morris's very encouraging and very recent preliminary findings, some of the stockholders and directors, as they have done in the past few years, are amply able to take care of whatever contribution may be required for Capital, Labor and Equipment.

(a)

10. See Form MP-103.

(b) Upper ledges of northerly end of the Alhambra group of claims, Hope Valley Mining District; portions of Sections 10 & 11, Twp. 10 N. R 18 E., Alpine County, California.

11. ALHAMBRA MINING CORPORATION (sometimes called the ALHAMBRA Group or known locally as the ALHAMBRA Mine).

12. The property is approximately 38 miles west of a custom mill located in Douglas County, Nevada. From the property to California Highway 88 there exists a well maintained county road, this distance is 1½ miles; this road serves the Alpine Mine, a substantial tungsten producing property in the vicinity, delivering ore to the mill above mentioned, near Gardnerville, Nevada. From Highway 88 to the Nevada State Line and from there to where the paved highway joins a dirt road, a distance of 28½ miles; the roads are oiled and State maintained the balance of the distance, 10 miles to the custom mill is not county road but has been surfaced at one time by the C.C.C. as a forest service project with gravel and is maintained by the users, namely the custom mill.

13. Sufficient water for drilling available at all times.

14. Two Room Cabin.

15. Shipped by truck to custom mill where they have a gravity concentrating plant consisting of 5 concentrating tables also a thickner and flotation cells for the flotation of the gravity concentrating plant tailings. This plant gives better than 85% recovery of $WO_3$ contained. Settlement is on the recovered amount of $WO_3$. Suppliers of ore take their own clean-up of concentrates. Payment for milling at stipulated amount per ton, $12.00 maximum, if ore is soft a lesser amount according to the amount that can be treated per day, amount delivered, etc.

16. (a) No written reports since Col. Hopkins' death. Previous reports and accumulated data reportedly destroyed by fire, before this writer became acquainted with the property.

(b) Alpine Mine adjoining property having a unit production of 6,000 plus or $330,000.00 at current price for tungsten per unit.

(c) R.D.Morris, Manager of Alpine Mining Company for past 6 years and present owner of a lease on the mine from the Alpine Mining Company, states that there is ample geological evidence to warrant an extensive prospecting campaign, that the limestone-granite contacts on the property are favorable for the deposition of tungsten.

17. See Form MF-103

18. See Form MF-103.

19. Stockholders who became familiar with the property were sufficiently convinced of the great potential value of this property to keep it in tact for themselves and other stockholders. The veins are well defined and large. The entire area is highly mineralized.

If, as and when tungsten is produced in quantity, consideration being given to a gravity tramway from the higher ledges; - this to eliminate the more expensive hauling costs.

It might be stated here that the presently interested and active group of stockholders do not condone some of the practices of an earlier group who are no longer connected with the property.

## The Exploration

20. For tungsten in the form of sheelite.

21. Marking of the contact zone in the daytime and subsequent lamping with ultra violet lamps in the night time if any showing encountered trenching or striping of mineralized zone.

22. Extensive limestone granite contacts. Contact zone in some instances has been altered forming tactite, favorable for the deposition of tungsten.

Work could be completed in three months or less depending on the amount of trenching and stripping warranted by primary examination.

23. (a) 2 Prospectors @ $2.00 per hour
2 Muckers @ $2.00 per hour
Office Work $150.00 per month
(b) Supervision $750.00 per month
(c) (During Exploration - None)
(d) (During Exploration - None)
(e) Two ultra violet lights @ $65.00 $130.00
(f) Rental on Pickup or Jeep for
Transportation of men to work from quarters at Sorenson's camp 6 miles
3 months @ $200.00 $600.00
Rental of Bull-Dozer 10 days @ $30.00 $300.00
(g) Own no equipment at present None
(h) Gasoline 500 gallons @ 26¢ $130.00
Lubrication Oil 10 gallons @ $1.00 10.00
Explosives 80.00
Picks and Shovels 50.00
Small Tools & Miscellaneous 50.00
Batteries for Ultra Violet lamps - ½ doz. @ $6.00 36.00
Sample Sacks - 100 @ 20¢ 20.00
Assaying 100 @ $5.00 500.00
Office Supplies 50.00
(i) Estimated exploration power and water costs included in (h) above and in "time schedule" 24 following.

24. First 30 days preliminary geology consisting of locating contact prospecting and trenching cost:

| | |
|---|---|
| Labor 4 men @ $2.00 per hr. 768 hrs. | $1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Ultra Violet Lights | 130.00 |
| Explosives | 30.00 |
| Picks and Shovels | 50.00 |
| Miscellaneous Small Tools | 50.00 |
| Equipment Rental Transportation | 200.00 |
| Assaying | 200.00 |
| Office Supplies | 50.00 |
| Sample Sacks | 20.00 |
| Gas & Oil 1/3 of total | 46.66 |
| | $ 3,212.66 |

Second 30 days: Trenching and Sampling of favorable zones continued prospecting:

| | |
|---|---|
| Cost: Labor 4 men - $2.00 per hour 768 hours | $1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Equipment Rental - Transportation | 200.00 |
| Assaying | 150.00 |
| Gas & Oil 1/3 of Total | 46.66 |
| Batteries for lights | 36.00 |
| | $ 2,868.66 |

Last 30 days - Stripping Sampling and Trenching.
Conclusion of prospecting program:

| | |
|---|---|
| Labor 4 men $2.00 per hour 768 hours | $ 1,536.00 |
| Supervision | 750.00 |
| Office Work | 150.00 |
| Transportation Rental | 200.00 |
| Caterpillar-Bull-Dozer Rental | 900.00 |
| Assaying | 150.00 |
| Gas and Oil | 46.66 |
| | $ 3,732.66 |

Total for 3 months - $9,863.98

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

# GENERAL TECHNICAL DATA
# FOR USE UNDER THE
# DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA 1828X

Date received 7-10-51

DEPARTMENT OF INTERIOR
BUREAU OF MINES
RECEIVED
JUL 5 1951
SAN FRANCISCO, CALIFORNIA

THE ALHAMBRA MINING CORPORATION
709 CALIFORNIA BUILDING
STOCKTON, CALIFORNIA

Name and address of applicant

Date June 28, 1951

## INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

## GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? See supplement attached.
   (*b*) What are the byproducts, if any? " " "
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: See supplement attached.
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   } See supplement attached
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. West from Gardnerville, Nev about 26 or 27 miles.
   (*b*) Mining district. Hope Valley Mining District
   (*c*) Township, Section, Range. Portions of Sections 10 & 11, Twp. 10 N. R 18 E
   (*d*) County, State. Alpine County, California
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. See supplement attached
   (*b*) Are you operating this property as:
   ☒ Owner. See supplement attached.
   ☐ Lessee.
   ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 10 1951
LAMBOIN F. STROBEL
Executive Secretary

5. Number of years in production None
   If not in production or operation, estimated date when production will begin 1952
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. See supplement attached.
7. History: See supplement attached
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

| Name and Address (a) | Official Title (If officer is also director indicate by "D") (b) | Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c) | Estimated Net Worth Outside of Interest in Applicant (d) | Number of Shares Held in Applicant Corporation: Common (e) | Number of Shares Held in Applicant Corporation: Preferred (f) | Life Insurance Carried for Benefit of Applicant: Amount (g) | Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h) |
|---|---|---|---|---|---|---|---|
| Vinnie L. Hopkins 221 E. Park St. Stockton, Calif. | President Director | None | $25,000 | 925,519 | None | None | None |
| Clarence L. Dickinson 709 California Bldg. Stockton, Calif. | Secty-Treas. Director | None | 10,000 | 103,000 | None | None | None |
| Homer C. Votaw 1800 Spruce St. Berkeley 9, Calif. | Vice Pres. Director | None | 30,000 | 10,250 | None | None | None |
| Ethel C. Votaw Rt.1, Bx.60 El Cajon, Calif. | Stockholder | None | 25,000 | 10,250 | None | None | None |
| Virgil Azzaro, 600 E.Main St. Stockton, Calif. | " | None | 100,000 | 7,275 | None | None | None |
| Julius Blum, Bank of America Stockton, Calif. | " | None | 100,000 | 4,250 | None | None | None |
| F.Will Kuechler, 1121 W.Walnut Stockton, Calif. | " | None | 10,000 | 14,300 | None | None | None |
| Geo. A. Montrose, Gardnerville, Nev. | " | None | 20,000 | 6,000 | None | None | None |
| | Total | None | x x x x x | 1,080,844 | None | x x x x x | x x x x x |

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

**For Corporate Applicants**

| Item | Authorized (a) | Outstanding (b) | Par Value (c) | Number of Shares Outstanding (d) | Dividend Rate Last Paid* (e) |
|---|---|---|---|---|---|
| Common stock | $1,500,000 | $1,199,465 | $ 1.00 | 1,199,465 | None |
| Preferred stock | $ None | $ None | $ None | None | None |

*Indicate period covered.

10. Production:

| Item | Kind of Product (a) | 1948 Total (b) | 1949 Total (c) | 1950 Total (d) | Present Average Monthly (e) |
|---|---|---|---|---|---|
| 1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.) | None | None | None | None | None |
| 2. Quantity of product processed (specify unit of measure and type of process) | None | None | None | None | None |
| 3. Quantity and grade of product sold or shipped (specify units of measure) | None | None | None | None | None |

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Contemplate production of tungsten. Impossible to estimate at present time.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. See supplement attached.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve. See supplement attached

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows: No ore blocked - unknown.

TOTAL ORE OR MINERAL RESERVES

| Ore or Mineral Reserve | Estimated Tons (a) | Metal or Mineral Content Per Ton (Grade) (b) | Gross Value Per Ton (c) | Recoverable Unit Value Per Ton (d) | Estimated Cost of Production Per Ton (e) |
|---|---|---|---|---|---|
| Measured (proved) | None | None | None | None | None |
| Indicated (probable) | | | | | |

(*c*) If placer: -- (Not placer -- Lode)

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.
See supplement attached

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.
A sufficient quantity of water is available for drilling at all times.

15. Power:

State amount of power used, rate per hour, and source thereof. Source - Gasoline Motors.
The amount of power to be used will depend upon the result of operations to follow.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.
Labor has not been a problem in this vicinity; miners, muckers and millmen being readily available.

17. Equipment and Facilities:
two-room cabin.

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.
See supplement attached

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.

THE ALHAMBRA MINING CORPORATION
(Name of company)

By Clarence L. Dickinson
(Signature of authorized official)
CLARENCE L. DICKINSON

June 28, 1951
(Date)

SECRETARY
(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.**

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Supplement - Form MF-100
U.S. Department of the Interior
Defense Minerals Administration

June 28, 1951

THE ALHAMBRA MINING CORPORATION
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## General Technical Data

1. Materials produced:
   (a) Property has never been mined on a commercial basis;
   (b) Consequently, no by-products. (Extensive Prospect Work)

2. ALHAMBRA MINING CORPORATION (sometimes called the ALHAMBRA Group or known locally as the ALHAMBRA Mine); a lode mine. No smelter or mill on the property.
   (a) There are a number of prospect shafts, estimated a possible 250 feet in all.
   (b) With only a few prospect drifts or crosscuts, footage nominal.
   (c) Because of the contour of the country, engineers advise that it is probably more economically advisable to prospect and work through tunnels. It is estimated that there are about 750 to 1000 feet of tunnels. (Nearly all old, and for gold and silver.)
   (d) From time to time there was some amount of trenching done. This writer would not hazard the estimate of the lineal feet.

   The mine is not flooded nor is it contemplated that there will be pump or water hazard; especially in the area where prospecting for tungsten is to be done. It is high and away from lake or streams.

3. (a) See Form MF-100
   (b) " " " "
   (c) " " " "
   (d) " " " "

4. (a) Property is not now in operation, except for prospect work by owner.
   (b) Prospect work being done by owner, under engineering direction and advice of Mr. R.D. Morris, operator of a nearby producing tungsten property.

5. See Form MF-100.

6. All of the present directors are familiar with the property and its operations; and in the past few years have directed its operations. Other experienced stockholders have worked on the property - some now deceased. Mr. Votaw has had considerable mining experience. Mr. Dickinson has had some mining experience but is primarily a business man. But the experience of Mr. Morris, mentioned above, operator and engineer on many other properties, will be depended upon for advice in operation.

7. History:
   (a) The Alhambra Mining Corporation was organized and promoted in 1921 by Col. J.W. Hopkins who died in the early 1930's, leaving his stock to his wife, Vinnie L. Hopkins, now President. The present directors know very little of the history of the property up to this time, except that taken from the minutes of the Corporation and by heresay from the then contemporary stockholders. Mr. Dickinson became Secretary of the Corporation in 1936, after Mr. F. Will Kuechler was helping Mrs. Hopkins hold things together; in fact, the Secretary, Mr. Dickinson, became interested after several pleasure trips to the property. The great area of mineralization is fascenating, with every reason to believe that it is a place of great potential value.

   All prospecting had been done on The Alhambra for gold and silver. Tungsten was discovered in 1941 and 1942 on property nearby operated by the Alpine

Mining Company under the direction of Mr. R. D. Morris hereinbefore referred to.

The property never has become a producing mine but the exploration and assessment work has been continuous up to the present time, but without an authentic engineer's report.

(b) The Alpine Mining Company property nearby had a unit production of 6,000 plus, or $390,000 at current price for tungsten per unit, and is still producing under the direction of the aforementioned Mr. Morris.

(c) As stated before, there are no written or authentic reports of exploration, development, or metallurgical investigation; all prospecting was done for gold and silver, until recently.

8. See Form MF-100.

9. See Form MF-100.

10. See Form MF-100.

11. See Form MF-100.

12. Ore or Mineral Reserves:

(a) There is no ore blocked at the present time. Because of production of tungsten from the nearby Alpine Mine, we were prompted to search the area on this property for indications of tungsten. We were helped in this search by Mr. R. D. Morris, operator of The Alpine, who is very enthusiastic about the upper ledges and expresses a willingness so to report. These ledges must be searched for depth; all indications are, according to reports, that there is a large deposit of tungsten there.

(b) If deposit is other than placer:
(1) There are as yet no proven ore body or measurable ore or mineral reserve, except as indicated above.
(2) See Form MF-100.

(c) See Form MF-100.

13. Access Roads:

From the property to California Highway 88 there is a good county road for about a mile and a half. This road is also used and serves The Alpine Mine, a substantial tungsten producer in the vicinity. Highway 88, which connects at the Nevada State Line to Minden, is about 26½ miles. These roads are State maintained.

14. Water Supply: See Form MF-100.

15. Power: See Form MF-100.

16. Labor: See Form MF-100.

17. Equipment and Facilities; See Form MF-100

18. In the past, this Company seemed to have been followed with hard luck. Once a flood caused by the breaking of a dam, is reported to have destroyed their power installations and other equipment. Following that, engineers' reports and records of assays and other valuable accumulated data were destroyed by fire. Then the directing head, Col. Hopkins, was incapacitated by illness. Following the death of Col. Hopkins, Mr. F. Will Kuechler, directed the work of prospecting for gold and silver for Mrs. Hopkins, the principal stockholder, and the Corporation. This work was halted in the 1940's by restricted control of the Government and the prohibition of gold mining. That is when Mr. Kuechler's work was switched to the neighboring area for the production of tungsten by The Alpine Company under the successful management of Mr. Morris who is presently advising and directing us.

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