DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2413

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

EXPLORATION PROJECT

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

Routing Slip

Copies to USBM, USGS, REGION II.

To:	Code 400, Rm. 3538	Date	3-6-52
To:	Operating Com	Date	3-21-52
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DO NOT DETACH

CONTROLLED DOCUMENT

March 18, 1952

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $30,394.00
Docket No. DMEA 2413X - Tungsten
Mount Baily Minerals, Inc.
36 West 44th Street
New York 18, New York

Property: Horseshoe and Blue Grouse Claims
Curry County, Oregon

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

1. An east-west ridge of serpentine has been intruded by a rhyolite dike. Old trenches and an adit were run many years ago in a search for gold. Scheelite has been observed by ultra-violet light.

2. The applicant claims scheelite values from 0.02 per cent to 0.04 per cent. These assays are only one-tenth of the lowest operating grade of ore today. The applicant notes that the surface has been leached out and that greater values should be present in depth. This is not compatible with past experiences in scheelite mining.

3. The applicant's proposed exploration is not clear, is excessive in cost, and includes monies heretofore expended.

4. The applicant does not show the presence of minable ore, nor does he give any data upon which he bases an expectation of making a significant discovery.

5. The Commodity Division of the U.S. Bureau of Mines recommend denial; the Commodity Division of the U.S. Geological Survey provisionally recommend denial.

QLBrewer'lm
3/18/52

SIGNED

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

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

IN REPLY REFER TO:

G-MD-DML

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

40's file

March 12, 1952

Memorandum

To: George C. Selfridge, DMEA

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

Subject: Exploration application $30,394 DMEA 2413 - Tungsten
Mount Emily Minerals, Inc.
36 West 44th Street
New York 18, N. Y.

Property: Horseshoe and Blue Grouse claims
T. 40 S., R. 12 W., Sec. 18
Curry County, Oregon
(10 miles east of Brookings Harbor and 30 miles northeast of Crescent City, Calif.)

The application states that scheelite has been observed at various localities on the Mt. Emily claims in connection with gold mineralization, and that assays of 0.02 and 0.04 percent WO_3 were obtained. These assays are not encouraging.

No maps were submitted. No concrete exploration proposal is made other than a statement that diamond drilling will be done, amount not specified. Proposed expenses include $9,100 for supervision, time-keeper, and travel expense, and $7,500 for past expenses.

The Geological Survey has not examined the property for tungsten. A recent publication on tungsten mineralization in Oregon (Oregon State Bureau of Mines) does not mention tungsten at Mt. Emily.

If sufficient cause for denying the application cannot be found in the material submitted, a field referral will be necessary.

DMLemmon:gt

DM Lemmon

FILE COPY
Surname:

Geehan
Rogway

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

March 12, 1952

Memorandum

To: G. C. Selfridge, DMEA

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application $30,394 DMEA - 2413
Mount Emily Minerals, Inc. Tungsten
Horseshoe and Blue Grouse Claims
Curry County, Oregon

Assays of .02 to .04 percent are quite low, even if accurate.

No specific drilling program has been outlined.

Leaching would probably not have affected the tungsten content of the "semi-barren zone" mentioned in the engineer's report. If very little tungsten is there now, it most probably never was there in any greater quantity. No enrichment of the sub-surface zone is likely, therefore, as a result of leaching.

No assay of the crosscut dump material is given, although it "shows good scheelite indications" according to the engineer.

I question the validity of travel expenses being part of the cost of exploration.

An itemized breakdown of the $7,500 already spent by the company should prove to be interesting.

Recommendation:

I recommend denial of the loan because of insufficient evidence of the presence of minable tungsten.

N.S
R+R

Robert W. Geehan

BKatlin:elk

cc: Mr. Geehan Ferrous M&A Mr. Selfridge
Mr. Katlin Files DMPA

MAR 17 1952

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

400's file

March 12, 1952

Memorandum

To: G. C. Selfridge, DMEA

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application #90,394 DMEA - 2413
Mount Emily Minerals, Inc. Tungsten
Horseshoe and Blue Grouse Claims
Curry County, Oregon

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Robert W. Geehan

GKatlin:alk

cc: Mr. Geehan Ferrous M&A Mr. Selfridge
Mr. Katlin Files

FILE COPY
SURNAME:

Selfridge
Brewer
Hedges
Boyd
Fitzhugh

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

MAR 2 4 1952

Mount Emily Minerals, Inc.
36 West 44th Street
New York 18, New York

Re: Docket No. DMMA 2413K - Tungsten
Horseshoe and Blue Grouse Claims
Curry County, Oregon

Dear Sirs:

Your application for exploration project assistance and other data available to us in Washington have been carefully reviewed.

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

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

Sincerely yours,

C. O. Mittendorf (for) E.L. 3/24/52

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
3/19/52

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

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

March 18, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $30,394.00
Docket No. DMEA 2413X - Tungsten
Mount Emily Minerals, Inc.
36 West 44th Street
New York 18, New York

Property: Horseshoe and Blue Grouse Claims
Curry County, Oregon

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3. The applicant's proposed exploration is not clear, is excessive in cost, and includes monies heretofore expended.

4. The applicant does not show the presence of minable ore, nor does he give any data upon which he bases an expectation of making a significant discovery.

5. The Commodity Division of the U.S. Bureau of Mines recommend denial; the Commodity Division of the U.S. Geological Survey provisionally recommend denial.

G. C. Selfridge

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

FILE COPY
SURNAME:

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

Brewer
Selfridge

March 18, 1952

To: Acting Administrator, Defense Minerals Exploration Administration

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SIGNED

E.L. 3/24/52

QLBrewer'lm
3/18/52

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

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

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

March 12, 1952

Memorandum

To: G. C. Selfridge, DMEA

From: R. W. Geehan, Bureau of Mines

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Mount Emily Minerals, Inc. Tungsten
Horseshoe and Blue Grouse Claims
Curry County, Oregon

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Robert W. Geehan
Robert W. Geehan

Copy to file

IN REPLY REFER TO:

G-MD-DML

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

March 12, 1952

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If sufficient cause for denying the application cannot be found in the material submitted, a field referral will be necessary.

Dwight M. Lemmon

I've to your file

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. DMEA-2413

Date received 3-5-52

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, NEW YORK

Name and address of applicant

Date February 20, 1952

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?
   (*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:
   (*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).

   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.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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5. Number of years in production _____
   If not in production or operation, estimated date when production will begin _____
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.
7. History:
   (*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)
Jean U. Koree 36 W.44 St.,N.Y.18	President D	-		1,300,000			
Edward R. Hoffman 36 W.44 St.,N.Y.18	Treasurer D	-		1,300,000			
Alfred Bell Fields Landing,Cal.	V.President D	-		100,000			
Arthur C. Carsey 36 W.44 St.,N.Y.18	-			100,000			
Leo Loewe 36 W.44 St.,N.Y.18	-			1,300,000			
	Total		x x x x x	4,100,000		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	$5,000,000	$5,000,000	$ 1.00	5,000,000	-0-
Preferred stock	$	$	$		

*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				
2. Quantity of product processed (specify unit of measure and type of process)	NONE				
3. Quantity and grade of product sold or shipped (specify units of measure)	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. Not applicable

12. Ore or Mineral Reserves: Not applicable

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

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 1:

(a) Samples show tungsten, gold and silver.

(b) Byproducts are possibly cobalt and molybdenum.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 2:

As this is an exploration project, it appears that diamond drilling will be the most suitable method.

(a) None.

(b) None.

(c) Old Hinze tunnel, now caved in and inaccessible, is said to be 400 feet long. This tunnel does not attain any great depth as the portal is only 100 feet below the crest of the ridge.

Working knows as Horseshoe Cut is a several thousand foot surface cut on fissue with showings of scheelite.

(d) None.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 3:

Location of Old Hinze tunnel and Horseshoe Cut:

(a) Ten (10) miles due east from Brookings, Oregon, the nearest town, and about 30 miles northeast from Crescent City, California, on the Pacific Ocean.

(b) Mining District: Region #3.

(c) Township 40 South; Section #18; Range 12 West, Willamette Meridian.

(d) Curry County, Oregon.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Form MF-100
Question 4

Question 4:

(a) Property is not in operation.

(b) We are owners of mining rights covering this property and will operate as such.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 5:

None. This is a new proposition--only the surface has been explored for tungsten.

Production will start as soon as exploration is completed and findings warrant mining.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 6:

(a) Mount Emily Minerals, Inc., was formed to acquire gold and silver mining claims on Mt. Emily, Oregon, and has acquired forty-one (41) claims, but thus far has been inactive.

(b) The exploratory drilling will be under the direction of Mr. Harry H. Underhill, mining engineer and President of Underhill Engineering Company, Los Angeles, California, who has been making a survey of this area for us. Mr. Underhill is well and favorably known in western mining circles.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 7:

(a) The area to be explored for tungsten was previously surveyed for gold and/or silver many years ago. It is possible that development was not extended due to the death of former developer and the inability of the Estate to continue operation.

(b) According to report by Brookings Harbor Chamber of Commerce, January 11, 1950, this region contains extensive deposits of gold, chrome, manganese, tungsten, molybdenum and borax.

(c) See attached geological letter report under Question No. 2 (b) of Form MF-103.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 13:

Access Roads: about six (6) miles of country road and 4 miles of wood roads to nearest town, Brookings, Oregon, and to possible shipping point, Harbor, Oregon.

Question 14:

Water Supply: A series of springs, about eight in number, flow from near the top of the mountain. We understand that the combined flow of these springs approximates two hundred and fifty (250) gallons per minute. Several streams also head from the slopes of Mt. Emily, so that we are assured that ample water will be available.

(*b*) If deposit is other than placer: not applicable

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

(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:

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)					
Indicated (probable)					

(*c*) If placer: not applicable

(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.

14. Water Supply:

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

15. Power: not applicable

State amount of power used, rate per hour, and source thereof.

16. Labor: not applicable

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

17. Equipment and Facilities: not applicable

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.

not applicable

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.

MOUNT EMILY MINERALS INC.
(Name of company)

By [signature]
(Signature of authorized official)

MARCH — 1 — 1952
(Date)

PRES.
(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

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2413
Metal or Mineral
Date Received 3-5-52
Amount $
Participation (Government %)

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, NEW YORK

Name and address of applicant

Date February 20, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

DMA Docket Number (if available) _____

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 5 1952

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

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.

MOUNT EMILY MINERALS INC.

James Rowe — By _____

(Name of company) (Signature of authorized official)

PRES

MARCH — 1 — 1952 _____

(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—64067-2

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 1

(a) Area of operations will cover Horseshoe Claim located near crest of Mount Emiy and claim known as Blue Grouse Claim adjoining Horseshoe Claim on its east side. Both claims lie in Township 40 south, Range 12 west Willamette Meridian, Curry County, Oregon, about 10 miles east of Brookings, Oregon. The approximate area covered is 30 acres.

(b) We hold forty-one (41) mining claims, including the above, on Mount Emily.

(c) Horseshoe Claim:
About 20 acres. Northerly line runs 1500 feet N 70 E along south side of Rainbow End Claim. Thence 800 feet due south along westerly side of Blue Grouse Claim. Thence 1500 feet S 70 W along north side of Cold Spring Claim; thence 600 feet due north along easterly side of Dead Horse Claim.

Blue Grouse Claim
Adjoins Horseshoe Claim on east and is of approximately the same metes and bounds as Horseshoe.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 2:

(a) We expect to find tungsten principally, with the possibility of gold, silver, cobalt and molybdenum in small quantites.

(b) Several years ago this deposit was inspected by an engineer from the Bureau of Mines - a Mr. Campbell. At that time we spent $700. to excavate a trench exposing the surface tungsten deposit and indicating its trend and existence.

See following two pages for continuation of answer to this question....

RESUME OF MOUNT EMILY GEOLOGY

The conclusions herein set forth were arrived at from examining numerous shallow tunnels, shafts and cuts which have been made during the past twenty five or thirty years along the strike of three parallel fissures that travers the long ridge which forms this mountain.

Mount Emily was formed by an extensive intrusion of Rhyolite that was pushed up through the Serpentine which is the general country rock of the district. The Thrust was Up and Eastward and formed fissures that were filled with Rhyolite and other minerals such as sedementary formations that were entrapped and carried along with the up thrust, these were metamorphosed and are known as ARCOSE, which contain Iron, altered Iron Sulfide, Gold, Tungsten and other values. These elements were deposited from hydothermal solutions along the fissures and fractures in the rocks that form this mountain and enrichments are noted over a large area.

The main fissure which roughtly follows the ridge striking East and West has been traced for over six thousand (6000) feet, the width has not been determined, but is known to be wide and shows Gold and Tungsten in several places where work has been done and also where the dyke crops out.

A second fissure that parallels the above mentioned in strike and dip. There is a third fissure that parallels the other two in strike and dip five hundred (500) feet South of the first mentioned.

For some distance the top of the ridge is capped by Nepheline Syenite in which the Amphibole is replaced by Biolite. There are places where the Rhyolite has been crushed and intersperced with other aggregates and then the interstices

filled with Iron and Lime brought in by hydrothermal solutions. It is apparent that there has been considerable leaching which has left a semi-barren zone for some distance below the surface. There are no vertical faults of any consequences and only slight lateral movement.

The ultra-violet light shows the presence of Scheelite in many places along the out crop and in the places where openings have been made. The dump of a cross-cut tunnel said to be four hundred (400) feet long (now caved in) shows good Scheelite indications.

There are several springs of considerable flow within one hundred (100) feet of the top of this mountain.

Assays of surface samples taken at several places show from .02% to .04% and one assay taken by a Mr. Wood gave 1.5% Scheelite.

The surface indications on Mount Emily are comparable to conditions that this writer has noted on other properties of note. The Nevada Massachusetts located in Pershing County, Nevada, also the Forge property in the same district had no better indications at the start.

not at the start or any time since. D.H.E.

This property can be proved by a few diamond drill holes, this I recommend as the first step, as this will be of material assistance in determining future development.

Dated: February 19th, 1952.

Respectfully submitted,

Harry H. Underhill

Harry H. Underhill, E. M.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 3:

(a) It is intended to thoroughly explore the forty (40) acres comprising the Horseshoe and Blue Grouse Claims, previously described, by means of diamond drilling for tungsten ore. Surface samples indicate .02 to .04 tungsten. We have been assured that richer deposits are indicated below the surface.

Below is a breakdown of estimated cost of project.

EXPLORATION COSTS

1. Brushing and Trail		
½ Mile of new trail at lower end and ½ mile of access trail to workings, repairs to upper end of trail where it has been washed out, removing logs and brush the full length of trail.		
Three men, 30 days @$12.50 per day each		$ 1,125.00
2. Packing		
One man, 120 days @ $12.50 per day	$1,500.00	
Two horses, 120 days @ $5.00 per day	1,200.00	2,700.00
3. Camp Equipment		
Repairs to cabin (U.S.Gov't property)	$ 150.00	
Two Boxed-in Tents -sleeping quarters	150.00	
Three cots & mattresses, $15.00 each	45.00	
Cooking equipment	75.00	
Food, three men, 120 days	750.00	
Fuel	50.00	1,220.00
4. Diamond Drilling		
Sullivan Bulldog Drill	$2,500.00	
Accessory Equipment	500.00	
Fuel for 120 days	300.00	
One driller, 120 days @$20.per day	2,400.00	
One driller's helper,120 days @ $12.50 per day	1,500.00	7,200.00
5. Mining Equipment:		
Barko Gas Drill	$ 575.00	
Steel	100.00	
Bits	80.00	
Powder, Caps and Fuse	100.00	
Wheel Barrow	15.00	
Small Tools	50.00	920.00
(Carry forward)		$13,165.00

Question 3 (cont.):

EXPLORATION COSTS

(Carried forward)		$13,165.00
6. Water Supply		
One 1" Centrifugal Pump	$ 75.00	
One 5 HP Wisconsin Gas Engine	125.00	
300 Feet 1" Black Pipe	100.00	
Three valves	9.00	
One 500 Gallon Water Tank	150.00	459.00
7. Hand Tools		
4 Hand Saws, one 5' Ribbon Saw	$ 56.00	
2 Ax (SB), Hand Axes and Hammers	24.00	
2 Jack Planes and 8 Wood Chisels	16.00	
Brace and Wood Bits	25.00	
2 Steel Squares and 2 30" Levels	24.00	
Incidentals	25.00	170.00
8. General Expense		
Time-keeper, Office expense, Insurance, etc.		2,500.00
9. Administrative and travel expense		3,600.00
10. Superintendent - 120 days		3,000.00
		$22,894.00
Cost of claim maintenance and exploration, sampling and assay expense, engineering and travel expense already expended by Mount Emily Minerals, Inc.		7,500.00
		$30,394.00

...oOo...

not allowable

3 (b) It will take 120 working days to start the project and complete it.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 4:

None available.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 5:

There are no existing buildings, installations or fixtures, with the exception of a Forestry Department cabin. The estimated cost of rehabilitation of this cabin is set forth in the answer to Question 3 (a), Item #3, in the sum of $150.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 6:

It is not possible to specify the facilities, buildings and fixtures to be purchased, etc., by us until exploration develops the need for them.

As plenty of timber covers the slopes of Mount Emily, a small portable saw mill will provide all lumber necessary for buildings as required.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 7:

Simple road building equipment and mining and drilling equipment will be purchased as follows (see Question 3-a for details of purchase):

Camp Equipment	$ 1,220.00
Diamond Drilling Equipment	3,300.00
Mining Equipment	920.00
Water Supply Equipment	459.00
Hand tools	170.00
	$ 6,069.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Form MF-103
Question 8

Question 8:

Schedule of labor follows (see Question 3-a):

Road work:	3 men, 30 days @ $12.50 per day each	$ 1,125.00
Packing:	1 man, 120 days @ $12.50 per day	1,500.00
Drilling:	1 driller, 120 days @ $20. per day	2,400.00
	1 driller's helper, 120 days @ $12.50 per day	1,500.00
Superintendent, 120 days		3,000.00
		$ 9,525.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 9:

Not applicable at the present time, other than set forth in Question 3(a).

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 10:

(a) Seventy Five Hundred Dollars ($7,500.00) have already been invested in this project.

(b) Yes, this amount is sufficient to pay our part of the cost of the project.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 11:

NONE.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2413
Metal or Mineral
Date Received 3-5-52
Amount $
Participation (Government %)

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, NEW YORK

Name and address of applicant

Date February 20, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested .....,

DMA Docket Number (if available) .....

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

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

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

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8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

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

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.

MOUNT EMILY MINERALS INC. By [signature]

(Name of company) (Signature of authorized official)

MARCH 1 1952

(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—64067-2

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 1

(a) Area of operations will cover Horseshoe Claim located near crest of Mount Emiy and claim known as Blue Grouse Claim adjoining Horseshoe Claim on its east side. Both claims lie in Township 40 south, Range 12 west Willamette Meridian, Curry County, Oregon, about 10 miles east of Brookings, Oregon. The approximate area covered is 30 acres.

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MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 2:

(a) We expect to find tungsten principally, with the possibility of gold, silver, cobalt and molybdenum in small quantites.

(b) Several years ago this deposit was inspected by an engineer from the Bureau of Mines - a Mr. Campbell. At that time we spent $700. to excavate a trench exposing the surface tungsten deposit and indicating its trend and existence.

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This property can be proved by a few diamond drill holes, this I recommend as the first step, as this will be of material assistance in determining future development.

Dated: February 19th, 1952.

Respectfully submitted,

Harry H. Underhill

Harry H. Underhill, E. M.

Question 3:

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Below is a breakdown of estimated cost of project.

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Question 3 (cont.):

EXPLORATION COSTS

(Carried forward)		$13,165.00
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Time-keeper, Office expense, Insurance, etc.		2,500.00
9. Administrative and travel expense		3,600.00
10. Superintendent - 120 days		3,000.00
		$22,894.00
Cost of claim maintenance and exploration, sampling and assay expense, engineering and travel expense already expended by Mount Emily Minerals, Inc.		7,500.00
		$30,394.00

...oOo...

3 (b) It will take 120 working days to start the project and complete it.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 4:

None available.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 5:

There are no existing buildings, installations or fixtures, with the exception of a Forestry Department cabin. The estimated cost of rehabilitation of this cabin is set forth in the answer to Question 3 (a), Item #3, in the sum of $150.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 6:

It is not possible to specify the facilities, buildings and fixtures to be purchased, etc., by us until exploration develops the need for them.

As plenty of timber covers the slopes of Mount Emily, a small portable saw mill will provide all lumber necessary for buildings as required.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 7:

Simple road building equipment and mining and drilling equipment will be purchased as follows (see Question 3-a for details of purchase):

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Diamond Drilling Equipment	3,300.00
Mining Equipment	920.00
Water Supply Equipment	459.00
Hand tools	170.00
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MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Form MF-103
Question 8

Question 8:

Schedule of labor follows (see Question 3-a):

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Packing:	1 man, 120 days @ $12.50 per day	1,500.00
Drilling:	1 driller, 120 days @ $20. per day	2,400.00
	1 driller's helper, 120 days @ $12.50 per day	1,500.00
Superintendent, 120 days		3,000.00
		$ 9,525.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 9:

Not applicable at the present time, other than set forth in Question 3(a).

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 10:

(a) Seventy Five Hundred Dollars ($7,500.00) have already been invested in this project.

(b) Yes, this amount is sufficient to pay our part of the cost of the project.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 11:

NONE.

Form MF-100
(May 1951)

U. 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. DMEA-2413

Date received 3-5-52

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, NEW YORK

Name and address of applicant

Date February 20, 1952

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?
   (*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:
   (*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).

   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.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 5 1952

5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
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.
7. History:
   (*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)
Jean U. Koree 36 W.44 St.,N.Y.18	President D	-		1,300,000			
Edward R. Hoffman 36 W.44 St.,N.Y.18	Treasurer D	-		1,300,000			
Alfred Bell Fields Landing,Cal.	V.President D	-		100,000			
Arthur C. Carsey 36 W.44 St.,N.Y.18	-			100,000			
Leo Loewe 36 W.44 St.,N.Y.18	-			1,300,000			
	Total		x x x x x	4,100,000		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	$5,000,000	$5,000,000	$ 1.00	5,000,000	-0-
Preferred stock	$	$	$		

*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				
2. Quantity of product processed (specify unit of measure and type of process)	NONE				
3. Quantity and grade of product sold or shipped (specify units of measure)	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. Not applicable

12. Ore or Mineral Reserves: Not applicable

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

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 1:

(a) Samples show tungsten, gold and silver.

(b) Byproducts are possibly cobalt and molybdenum.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 2:

As this is an exploration project, it appears that diamond drilling will be the most suitable method.

(a) None.

(b) None.

(c) Old Hinze tunnel, now caved in and inaccessible, is said to be 400 feet long. This tunnel does not attain any great depth as the portal is only 100 feet below the crest of the ridge.

Working knows as Horseshoe Cut is a several thousand foot surface cut on fissue with showings of scheelite.

(d) None.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 3:

Location of Old Hinze tunnel and Horseshoe Cut:

(a) Ten (10) miles due east from Brookings, Oregon, the nearest town, and about 30 miles northeast from Crescent City, California, on the Pacific Ocean.

(b) Mining District: Region #3.

(c) Township 40 South; Section #18; Range 12 West, Willamette Meridian.

(d) Curry County, Oregon.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 4:

(a) Property is not in operation.

(b) We are owners of mining rights covering this property and will operate as such.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 5:

None. This is a new proposition--only the surface has been explored for tungsten.

Production will start as soon as exploration is completed and findings warrant mining.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 6:

(a) Mount Emily Minerals, Inc., was formed to acquire gold and silver mining claims on Mt. Emily, Oregon, and has acquired forty-one (41) claims, but thus far has been inactive.

(b) The exploratory drilling will be under the direction of Mr. Harry H. Underhill, mining engineer and President of Underhill Engineering Company, Los Angeles, California, who has been making a survey of this area for us. Mr. Underhill is well and favorably known in western mining circles.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 7:

(a) The area to be explored for tungsten was previously surveyed for gold and/or silver many years ago. It is possible that development was not extended due to the death of former developer and the inability of the Estate to continue operation.

(b) According to report by Brookings Harbor Chamber of Commerce, January 11, 1950, this region contains extensive deposits of gold, chrome, manganese, tungsten, molybdenum and borax.

(c) See attached geological letter report under Question No. 2 (b) of Form MF-103.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 13:

Access Roads: about six (6) miles of country road and 4 miles of wood roads to nearest town, Brookings, Oregon, and to possible shipping point, Harbor, Oregon.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 14:

Water Supply: A series of springs, about eight in number, flow from near the top of the mountain. We understand that the combined flow of these springs approximates two hundred and fifty (250) gallons per minute. Several streams also head from the slopes of Mt. Emily, so that we are assured that ample water will be available.

(*b*) If deposit is other than plac not applicabl

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

(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:

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)					
Indicated (probable)					

(*c*) If placer: not applicable

(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.

14. Water Supply:

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

15. Power: not applicable

State amount of power used, rate per hour, and source thereof.

16. Labor: not applicable

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

17. Equipment and Facilities: not applicable

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.

not applicable

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.

MOUNT EMILY MINERALS INC. By Paul M. Jones

(Name of company) (Signature of authorized official)

MARCH 1 1952 PRES.

(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

EXPLORATION

Subject: DMEA-2413
Re: Exploration Loan
Horseshoe and Blue Grouse Claims
March 6, 1952

Mrs. Jean U. Koree, President
Mount Emily Minerals, Inc.
36 West 44th Street
New York 18, New York

My dear Mrs. Koree:

This will acknowledge receipt of your application dated February 20, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2413 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-2413 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

MINES:
CURRY COUNTY
OREGON

DMEA-2413

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, N. Y.

MURRAY HILL 2-8470

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 5 1952

March 3, 1952

Defense Minerals Exploration Administration
New Interior Building
Washington, D. C.

Gentlemen:

This letter is attached to our application for a Defense Minerals Exploration Loan.

We believe you will find it complete in every respect.

Should anything additional be required, we will, of course, be glad to furnish such material.

Yours very truly,

MOUNT EMILY MINERALS, INC.

Jean U. Koree
President

JUK:cw
Enclosures:
1. 1 copy Form MF-200
2. 4 copies Form MF-100
3. 4 copies Form MF-103
4. 1 photostatic copy of map of all claims owned by this company.
5. 1 photostatic copy of map of two claims in question, with data.
6. 1 ~~photostatic~~ copy of statement of place and book of recording of claims.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2413
Metal or Mineral
Date Received 3-5-52
Amount $
Participation (Government %)

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, NEW YORK

(Incorporated in Arizona)

Name and address of applicant

Date February 20, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

DMA Docket Number (if available) _____

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 5 1952

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO-5)?

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

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.

MOUNT EMILY MINERALS INC. By _____
(Name of company) (Signature of authorized official)

Jerome Jones PRES.

MARCH -1- 1952
(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—64067-2

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 1

(a) Area of operations will cover Horseshoe Claim located near crest of Mount Emiy and claim known as Blue Grouse Claim adjoining Horseshoe Claim on its east side. Both claims lie in Township 40 south, Range 12 west Willamette Meridian, Curry County, Oregon, about 10 miles east of Brookings, Oregon. The approximate area covered is 30 acres.

(b) We hold forty-one (41) mining claims, including the above, on Mount Emily.

(c) Horseshoe Claim:
About 20 acres. Northerly line runs 1500 feet N 70 E along south side of Rainbow End Claim. Thence 600 feet due south along westerly side of Blue Grouse Claim. Thence 1500 feet S 70 W along north side of Cold Spring Claim; thence 600 feet due north along easterly side of Dead Horse Claim.

Blue Grouse Claim
Adjoins Horseshoe Claim on east and is of approximately the same metes and bounds as Horseshoe.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 2:

(a) We expect to find tungsten principally, with the possibility of gold, silver, cobalt and molybdenum in small quantites.

(b) Several years ago this deposit was inspected by an engineer from the Bureau of Mines - a Mr. Campbell. At that time we spent $700. to excavate a trench exposing the surface tungsten deposit and indicating its trend and existence.

See following two pages for continuation of answer to this question....

RESUME OF MOUNT EMILY GEOLOGY

The conclusions herein set forth were arrived at from examining numerous shallow tunnels, shafts and cuts which have been made during the past twenty five or thirty years along the strike of three parallel fissures that travers the long ridge which forms this mountain.

Mount Emily was formed by an extensive intrusion of Rhyolite that was pushed up through the Serpentine which is the general country rock of the district. The Thrust was Up and Eastward and formed fissures that were filled with Rhyolite and other minerals such as sedementary formations that were entrapped and carried along with the up thrust, these were metamorphosed and are known as ARCOSE, which contain Iron, altered Iron Sulfide, Gold, Tungsten and other values. These elements were deposited from hydothermal solutions along the fissures and fractures in the rocks that form this mountain and enrichments are noted over a large area.

The main fissure which roughtly follows the ridge striking East and West has been traced for over six thousand (6000) feet, the width has not been determined, but is known to be wide and shows Gold and Tungsten in several places where work has been done and also where the dyke crops out.

A second fissure that parallels the above mentioned in strike and dip. There is a third fissure that parallels the other two in strike and dip five hundred (500) feet South of the first mentioned.

For some distance the top of the ridge is capped by Nepheline Syenite in which the Amphibole is replaced by Biolite. There are places where the Rhyolite has been crushed and intersperced with other aggregates and then the interstices

filled with Iron and Lime brought in by hydrothermal solutions. It is apparent that there has been considerable leaching which has left a semi-barren zone for some distance below the surface. There are no vertical faults of any consequences and only slight lateral movement.

The ultra-violet light shows the presence of Scheelite in many places along the out crop and in the places where openings have been made. The dump of a cross-cut tunnel said to be four hundred (400) feet long (now caved in) shows good Scheelite indications.

There are several springs of considerable flow within one hundred (100) feet of the top of this mountain.

Assays of surface samples taken at several places show from .02% to .04% and one assay taken by a Mr. Wood gave 1.5% Scheelite.

The surface indications on Mount Emily are comparable to conditions that this writer has noted on other properties of note. The Nevada Massachusetts located in Pershing County, Nevada, also the Forge property in the same district had no better indications at the start.

This property can be proved by a few diamond drill holes, this I recommend as the first step, as this will be of material assistance in determining future development.

Dated: February 19th, 1952.

Respectfully submitted,

Harry H. Underhill

Harry H. Underhill, E. M.

Question 3:

(a) It is intended to thoroughly explore the forty (40) acres comprising the Horseshoe and Blue Grouse Claims, previously described, by means of diamond drilling for tungsten ore. Surface samples indicate .02 to .04 tungsten. We have been assured that richer deposits are indicated below the surface.

Below is a breakdown of estimated cost of project.

EXPLORATION COSTS

1. Brushing and Trail		
½ Mile of new trail at lower end and ¼ mile of access trail to workings, repairs to upper end of trail where it has been washed out, removing logs and brush the full length of trail.		
Three men, 30 days @$12.50 per day each		$ 1,125.00
2. Packing		
One man, 120 days @ $12.50 per day	$1,500.00	
Two horses, 120 days @ $5.00 per day	1,200.00	2,700.00
3. Camp Equipment		
Repairs to cabin (U.S.Gov't property)	$ 150.00	
Two Boxed-in Tents -sleeping quarters	150.00	
Three cots & mattresses, $15.00 each	45.00	
Cooking equipment	75.00	
Food, three men, 120 days	750.00	
Fuel	50.00	1,220.00
4. Diamond Drilling		
Sullivan Bulldog Drill	$2,500.00	
Accessory Equipment	500.00	
Fuel for 120 days	300.00	
One driller, 120 days @$20.per day	2,400.00	
One driller's helper,120 days @ $12.50 per day	1,500.00	7,200.00
5. Mining Equipment:		
Barko Gas Drill	$ 575.00	
Steel	100.00	
Bits	80.00	
Powder, Caps and Fuse	100.00	
Wheel Barrow	15.00	
Small Tools	50.00	920.00
(Carry forward)		$13,165.00

Question 3 (cont.):

EXPLORATION COSTS

(Carried forward)		$13,165.00
6. Water Supply		
One 1" Centrifugal Pump	$ 75.00	
One 5 HP Wisconsin Gas Engine	125.00	
300 Feet 1" Black Pipe	100.00	
Three valves	9.00	
One 500 Gallon Water Tank	150.00	459.00
7. Hand Tools		
4 Hand Saws, one 5' Ribbon Saw	$ 56.00	
2 Ax (SB), Hand Axes and Hammers	24.00	
2 Jack Planes and 5 Wood Chisels	16.00	
Brace and Wood Bits	25.00	
2 Steel Squares and 2 30" Levels	24.00	
Incidentals	25.00	170.00
8. General Expense		
Time-keeper, Office expense, Insurance, etc.		2,500.00
9. Administrative and travel expense		3,600.00
10. Superintendent - 120 days		3,000.00
		$22,894.00
Cost of claim maintenance and exploration, sampling and assay expense, engineering and travel expense already expended by Mount Emily Minerals, Inc.		7,500.00
		$30,394.00

...oOo...

3 (b) It will take 120 working days to start the project and complete it.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 4:

None available.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 5:

There are no existing buildings, installations or fixtures, with the exception of a Forestry Department cabin. The estimated cost of rehabilitation of this cabin is set forth in the answer to Question 3 (a), Item #3, in the sum of $150.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 6:

It is not possible to specify the facilities, buildings and fixtures to be purchased, etc., by us until exploration develops the need for them.

As plenty of timber covers the slopes of Mount Emily, a small portable saw mill will provide all lumber necessary for buildings as required.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 7:

Simple road building equipment and mining and drilling equipment will be purchased as follows (see Question 3-a for details of purchase):

Camp Equipment	$ 1,220.00
Diamond Drilling Equipment	3,300.00
Mining Equipment	920.00
Water Supply Equipment	459.00
Hand tools	170.00
	$ 6,069.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Form MF-103
Question 8

Question 8:

Schedule of labor follows (see Question 3-a):

Road work:	3 men, 30 days @ $12.50 per day each	$ 1,125.00
Packing:	1 man, 120 days @ $12.50 per day	1,500.00
Drilling:	1 driller, 120 days @ $20. per day	2,400.00
	1 driller's helper, 120 days @ $12.50 per day	1,500.00
Superintendent, 120 days		3,000.00
		$ 9,525.00

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 9:

Not applicable at the present time, other than set forth in Question 3(a).

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 10:

(a) Seventy Five Hundred Dollars ($7,500.00) have already been invested in this project.

(b) Yes, this amount is sufficient to pay our part of the cost of the project.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 11:

NONE.

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. DMEA-2413

Date received 3-5-52

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, NEW YORK

(Incorporated in Arizona)

Name and address of applicant

Date February 20, 1952

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?
   (*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:
   (*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).

   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.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 5 1952

5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
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.
7. History:
   (*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)
Jean U. Koree 36 W.44 St.,N.Y.18	President D	-		1,300,000			
Edward R. Hoffman 36 W.44 St.,N.Y.18	Treasurer D	-		1,300,000			
Alfred Bell Fields Landing,Cal.	V.President D	-		100,000			
Arthur C. Carsey 36 W.44 St.,N.Y.18				100,000			
Leo Loewe 36 W.44 St.,N.Y.18				1,300,000			
	Total		x x x x x	4,100,000		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	$5,000,000	$5,000,000	$ 1.00	5,000,000	-0-
Preferred stock	$	$	$		

*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				
2. Quantity of product processed (specify unit of measure and type of process)	NONE				
3. Quantity and grade of product sold or shipped (specify units of measure)	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. not applicable

12. Ore or Mineral Reserves: not applicable

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

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 1:

(a) Samples show tungsten, gold and silver.

(b) Byproducts are possibly cobalt and molybdenum.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 2:

As this is an exploration project, it appears that diamond drilling will be the most suitable method.

(a) None.

(b) None.

(c) Old Hinze tunnel, now caved in and inaccessible, is said to be 400 feet long. This tunnel does not attain any great depth as the portal is only 100 feet below the crest of the ridge.

Working knows as Horseshoe Cut is a several thousand foot surface cut on fissue with showings of scheelite.

(d) None.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 3:

Location of Old Hinze tunnel and Horseshoe Cut:

(a) Ten (10) miles due east from Brookings, Oregon, the nearest town, and about 30 miles northeast from Crescent City, California, on the Pacific Ocean.

(b) Mining District: Region #3.

(c) Township 40 South; Section #18; Range 12 West, Willamette Meridian.

(d) Curry County, Oregon.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 4:

(a) Property is not in operation.

(b) We are owners of mining rights covering this property and will operate as such.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 5:

None. This is a new proposition--only the surface has been explored for tungsten.

Production will start as soon as exploration is completed and findings warrant mining.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 6:

(a) Mount Emily Minerals, Inc., was formed to acquire gold and silver mining claims on Mt. Emily, Oregon, and has acquired forty-one (41) claims, but thus far has been inactive.

(b) The exploratory drilling will be under the direction of Mr. Harry H. Underhill, mining engineer and President of Underhill Engineering Company, Los Angeles, California, who has been making a survey of this area for us. Mr. Underhill is well and favorably known in western mining circles.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 7:

(a) The area to be explored for tungsten was previously surveyed for gold and/or silver many years ago. It is possible that development was not extended due to the death of former developer and the inability of the Estate to continue operation.

(b) According to report by Brookings Harbor Chamber of Commerce, January 11, 1950, this region contains extensive deposits of gold, chrome, manganese, tungsten, molybdenum and borax.

(c) See attached geological letter report under Question No. 2 (b) of Form MF-103.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 13:

Access Roads: about six (6) miles of country road and 4 miles of wood roads to nearest town, Brookings, Oregon, and to possible shipping point, Harbor, Oregon.

MOUNT EMILY MINERALS, INC.
36 West 44th Street
New York 18, New York

Question 14:

Water Supply: A series of springs, about eight in number, flow from near the top of the mountain. We understand that the combined flow of these springs approximates two hundred and fifty (250) gallons per minute. Several streams also head from the slopes of Mt. Emily, so that we are assured that ample water will be available.

(*b*) If deposit is other than placer: not applicable

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

(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:

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)					
Indicated (probable)					

(*c*) If placer: not applicable

(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.

14. Water Supply:

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

15. Power: not applicable

State amount of power used, rate per hour, and source thereof.

16. Labor: not applicable

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

17. Equipment and Facilities: not applicable

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.

not applicable

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.

MOUNT EMILY MINERALS INC.
(Name of company)

By [signature]
(Signature of authorized official)

PRES.
(Title)

MARCH 1 — 1952
(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.

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

MF-200
(June 1951)

Docket No. DMA _____
Commodity _____

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 5 1952

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] _____

MOUNT EMILY MINERALS, INC. (an Arizona corporation)
36 West 44th Street
New York 18, New York

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Oregon, County of Curry described as follows: [3]

approximately forty (40) acres known as Horseshoe and Blue Grouse Claims on Mount Emily, 10 miles east of Brookings, Oregon. Forestry Lookout Tower is on the property.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within sixty (60) days from the date of this contract shall commence work on a project of exploration for [5] tungsten; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] six (6) months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of _____ percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $_____, which is _____ percent of the agreed estimated total cost of this project, $_____.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

_____
(Operator)

By _____

By _____

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

KNOW ALL MEN that I, EDWARD R. HOFFMAN of New York City, New York, in consideration of One ($1.00) Dollar, and other good and valuable considerations, paid to me by MOUNT EMILY MINERALS, INC., a corporation organized under the laws of the State of Arizona, hereby assign to the said MOUNT EMILY MINERALS, INC., all of my right, title and interest in and to certain contracts entered into by me with MARK WOOD and MRS. MARK WOOD and FRANK PALLADY and PAULINE PALLADY, which said contracts are dated November 7, 1949, and May 15, 1951, and copies of which said contracts are hereto annexed and made a part hereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 4th day of March, 1952.

Edward R. Hoffman L.S.

In the Presence of:

Carol L. Wenzel

STATE OF NEW YORK)
) ss.:
COUNTY OF NEW YORK)

On this 4th day of March, 1952, before me personally appeared EDWARD R. HOFFMAN to me known and known to me to be the person described in and who executed the foregoing assignment, and he duly acknowledged to me that he executed the same.

Mary Reilly

MARY REILLY
Notary Public, State of New York
No. 41-8534000
Qualified in Queens County
Certificates filed with:
New York, Queens, Kings, Bronx, Westchester,
Nassau and Suffolk County Clerks
N.Y., Queens, Kings, Bronx Register's Offices
My Commission Expires March 30, 1952

QUITCLAIM DEED

THIS INDENTURE, Made the 15 day of May, 1951, between FRANK PALLADY and PAULINE PALLADY and EDWARD R. HOFFMAN, of the County of Curry and State of Oregon,

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of Ten Dollars ($10.00) lawful money of the United States of America, to them in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, have remised, released, and forever quitclaimed, and by these presents do remise, release, and forever quitclaim unto the said party of the second part, and to his heirs and assigns, all those certain lots, pieces or parcels of land, situate, lying and being in the County of Curry, State of Oregon, and more particularly described as follows:

Eleven mining claims located in the Mt. Emily mining district, Curry County, Oregon:-

Rainbow's End,	Horseshoe,	Cold Spring,	Dead Horse,
Mineral King,	Blue Grouse,	Blind Pig,	Yellow Jacket,
Brown Bear,	Cube,	Gold Run.	

together with all and singular the tenements, hereditaments and appurtenances thereunto belonging or in any wise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof.

TO HAVE AND TO HOLD, All and singular the said premises, together with the appurtenances unto the said party of the second part, his heirs and assigns forever.

IN TESTIMONY WHEREOF, The said parties have hereunto set their hands and seals the day and year first above written.

Frank Pallady (SEAL)

Pauline Pallady (SEAL)

STATE OF OREGON)
: ss.
COUNTY OF Curry)

BE IT REMEMBERED, That on this 15th day of May, 1951, personally came before me, a Notary Public in and for said county, the within named Frank Pallady and Pauline Pallady, to me personally known to be the identical persons described in and who executed the within instrument, and acknowledged to me that they executed the same freely and voluntarily for the uses and purposes named.

WITNESS My hand and seal the day and year first above written.

Harriet E Payne
Notary Public for Oregon
My Commission expires Mar 31 1954

FRANK PALLADY and PAULINE PALLADY

to

EDWARD R. HOFFMAN

QUITCLAIM DEED

STATE OF OREGON, } ss. COMPARED
County of Curry }

I certify that the within instrument was received for record on the 27 day of July, 1951 at _____ o'clock ____ M., and recorded on page 259 in book 13 of Mining of said County.

Oleta A. Walker
County Clerk
J.W.

LAW OFFICES OF

BUFFINGTON & SHAW
& STARKWEATHER
GOLD BEACH, OREGON

MINES:
CURRY COUNTY
OREGON

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, N. Y.

MURRAY HILL 2-8470

March 3, 1952

RECORDING OF CLAIMS

The forty-one (41) claims owned by Mount Emily Minerals, Inc., are recorded at the Office of the County Clerk, Gold Beach, Curry County, Oregon, as follows:

16 claims	.....	Book	12,	Page	No.	143-5
1 claim	.....	"	"	"	"	155-6
1 "	.....	"	"	"	"	156-7
1 "	.....	"	"	"	"	157-8
1 "	.....	"	"	"	"	158-9
1 "	.....	"	"	"	"	159-60
1 "	.....	"	"	"	"	160
1 "	.....	"	"	"	"	161
1 "	.....	"	"	"	"	162
1 "	.....	"	"	"	"	163
1 "	.....	"	"	"	"	164
1 "	.....	"	"	"	"	165
1 "	.....	"	"	"	"	166
1 "	.....	"	"	"	"	167
1 "	.....	"	"	"	"	174-5

11 claims are included in attached assignment which has been sent to the County Clerk of Curry County, Oregon, for recording.

---

41 claims

AGREEMENT

This agreement made and entered into this 7th day of November, in the year of our Lord one thousand nine hundred and forty nine, between Mark Wood and his wife Mrs. Mark Wood of Santa Rosa, California, PARTIES OF THE FIRST PART; and Edward R. Hoffman of New York City, PARTY OF THE SECOND PART; Witnesseth:-

For and in consideration of the covenants and agreements hereinafter contained, the PARTIES OF THE FIRST PART do hereby sell to the PARTY OF THE SECOND PART, all their right, title and interest in and to the following designated mining claims located in the Mt. Emily mining district of Curry County, Oregon:- Rainbow's End, Horseshow, Cold Spring, Dead Horse, Blue Grouse, Mineral King, Blind Pig, Brown Bear, Yellow Jacket, Cube, and Gold Run.

THE PARTY OF THE SECOND PART agrees to pay therefor the sum of Fifteen Thousand Dollars ($15,000.00) as follows:-

The sum of Two Thousand dollars ($2,000.00) upon the execution of this agreement and the balance of Thirteen Thousand dollars ($13,000.00) in the form of a royalty of five per cent (5%) upon the gross proceeds of any and all mineral production of whatsoever kind or nature, produced or extracted from the above-described claims; the Two Thousand dollars ($2,000.00) immediately payable hereunder to be considered an advance royalty payment.

All payments provided hereunder shall be made monthly, on or before fifteen days from the close of any month in which payments shall have been received by the PARTY OF THE SECOND PART for minerals extracted from said property.

THE PARTIES OF THE FIRST PART, or their agents or attorneys, shall have the right to enter upon said property for the purpose of inspection at any reasonable time; shall be furnished copies of any and all mint, or other receipts covering the sale or disposition of the minerals extracted from said property; and shall have the right at any reasonable time of examining such records of the PARTY OF THE SECOND PART as pertain to the gross receipts from the mineral production from said property, for verification purposes.

It is further understood that the PARTY OF THE SECOND PART, upon

request of the PARTIES OF THE FIRST PART will file any necessary or required Proofs of Labor covering work performed upon the said property.

It is further understood between the parties hereto that if the said PARTY OF THE SECOND PART shall make the payments and perform all the covenants herein set forth, he shall have the quiet and peaceable possession of said property for mining purposes; and upon the full payment of the sum of Fifteen Thousand dollars ($15,000.00), as provided herein, the PARTIES OF THE FIRST PART agree to convey, set over and assign to the PARTY OF THE SECOND PART all their further rights, title and interests in said property; but that if the PARTY OF THE SECOND PART shall fail to make the payments as provided herein, then this agreement shall become null and void and any payments theretofore made shall remain the property of the PARTIES OF THE FIRST PART; provided, however, that in case of default by the PART OF THE SECOND PART, he shall have thirty (30) days from the date of notice to him within which to make good such default.

This agreement shall apply to and bind the heirs, executors, administrators and assigns of the respective parties hereto.

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

WITNESS:

Mrs. F. J. Smith

Mrs. J. Antonini Jr.

Jewell Ron

Mark Wood L.S.
Mark Wood

Mrs. Mark Wood L.S.
Mrs. Mark Wood

PARTIES OF THE FIRST PART

Edward R. Hoffman L.S.
Edward R. Hoffman

PARTY OF THE SECOND PART

STATE OF CALIFORNIA)
(SS
County of Sonoma)

On This 7th day of November in the year One Thousand Nine Hundred and Forty-nine before me B. J. Andrews a Notary Public in and for the County of Sonoma State of California, residing therein, duly commissioned and sworn, personally appeared Mark Wood and Mrs. Mark Wood known to me to be the persons described in and whose names are subscribed to the within instrument, and they acknowledged to me that they executed the same

B3

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, the day and year in this certificate first above written.

B. J. Andrews NOTARY PUBLIC
In and for said County of Sonoma State of California

NOTARY SEAL

My Commission expires Apr. 24, 1951.

Filed and recorded this 14th day of Novemer, 1949
Oleta A. Walker, Co. Clerk

STATE OF OREGON
County of Curry } ss.

I, Oleta A. Walker County Clerk and ex-officio Clerk of the Circuit Court of the County and State aforesaid, do hereby certify that the foregoing copy of AGREEMENT Mark Wood et ux to Edward R. Hoffman has been by me compared with the original, and that it is a correct transcript therefrom, and of the whole of such original AGREEMENT as the same appears in Mining Records Vol. 13 page 95-96 at my office and in my custody.

In Testimony Whereof, I have hereunto set my hand and affixed the seal of said Court, this 29th day of February, 19 52

Oleta A. Walker Clerk.

By ..... Deputy

84

Mount Emily Minerals, Inc.
36 West 44th Street
New York 18, New York

MOUNT EMILY MINERALS ~~CO.~~ INC.

The accompanying drawing gives the general dip and strike of two of the fissures that occur on Mount Emily, but does not show cross fractures and feeder veins that occur on the property under consideration, nor does it show the location of places where the vein has been opened up. The 1/8" circles shown in green are the approximate location of where good Scheelite showings were noted with the aid of the Ultra-Violet Light. There are many other places over a wide area where Scheelite shows in cuts and along out crops.

The mineral bearing fissures have been traced for several thousand feet. The exact width of these is not known, but it is apparent that they are at least fifty to sixty feet wide, the dip is nearly vertical.

The fissure filling is made up of Quartz and brecciated Rhyolite which has been further silicified and enriched with Iron, Lime, Tungsten and Gold by ascending thermal solutions which filled in the interstice and cemented it into a solid fissure. Some of the values have been leached out and have been carried down, thus impoverishing the immediate surface to some extent as has been noted in Tungsten mines elsewhere.

It is deemed advisable to drill this property in order to determine the values that are believed to exist in the lower horizons and thus determine the best place to contact these veins by cross-cut tunnel.

Reference is made to the accompanying RESUME OF MOUNT EMILY GEOLOGY.

Mount Emily Minerals, Inc.
56 West 44th Street
New York 18, New York

RESUME OF MOUNT EMILY GEOLOGY

The conclusions herein set forth were arrived at from examining numerous shallow tunnels, shafts and cuts which have been made during the past twenty five or thirty years along the strike of three parallel fissures that travers the long ridge which forms this mountain.

Mount Emily was formed by an extensive intrusion of Rhyolite that was pushed up through the Serpentine which is the general country rock of the district. The Thrust was Up and Eastward and formed fissures that were filled with Rhyolite and other minerals such as sedementary formations that were entrapped and carried along with the up thrust, these were metamorphosed and are known as ARCOSE, which contain Iron, altered Iron Sulfide, Gold, Tungsten and other values. These elements were deposited from hydothermal solutions along the fissures and fractures in the rocks that form this mountain and enrichments are noted over a large area.

The main fissure which roughtly follows the ridge striking East and West has been traced for over six thousand (6000) feet, the width has not been determined, but is known to be wide and shows Gold and Tungsten in several places where work has been done and also where the dyke crops out.

A second fissure that parallels the above mentioned in strike and dip. There is a third fissure that parallels the other two in strike and dip five hundred (500) feet South of the first mentioned.

For some distance the top of the ridge is capped by Nepheline Syenite in which the Amphibole is replaced by Biolite. There are places where the Rhyolite has been crushed and intersperced with other aggregates and then the interstices

filled with Iron and Lime brought in by hydrothermal solutions. It is apparent that there has been considerable leaching which has left a semi-barren zone for some distance below the surface. There are no vertical faults of any consequences and only slight lateral movement.

The ultra-violet light shows the presence of Scheelite in many places along the out crop and in the places where openings have been made. The dump of a cross-cut tunnel said to be four hundred (400) feet long (now caved in) shows good Scheelite indications.

There are several springs of considerable flow within one hundred (100) feet of the top of this mountain.

Assays of surface samples taken at several places show from .02% to .04% and one assay taken by a Mr. Wood gave 1.5% Scheelite.

The surface indications on Mount Emily are comparable to conditions that this writer has noted on other properties of note. The Nevada Massachusetts located in Pershing County, Nevada, also the Forge property in the same district had no better indications at the start.

This property can be proved by a few diamond drill holes, this I recommend as the first step, as this will be of material assistance in determining future development.

Respectfully submitted,

Dated: February 19th, 1952.

Harry H. Underhill

Harry H. Underhill, E. M.

DMEA-2413
MOUNT EMILY
MINERALS, INC.

DMEA-2413

MINES:
CURRY COUNTY
OREGON

MOUNT EMILY MINERALS, INC.
36 WEST 44TH STREET
NEW YORK 18, N. Y.

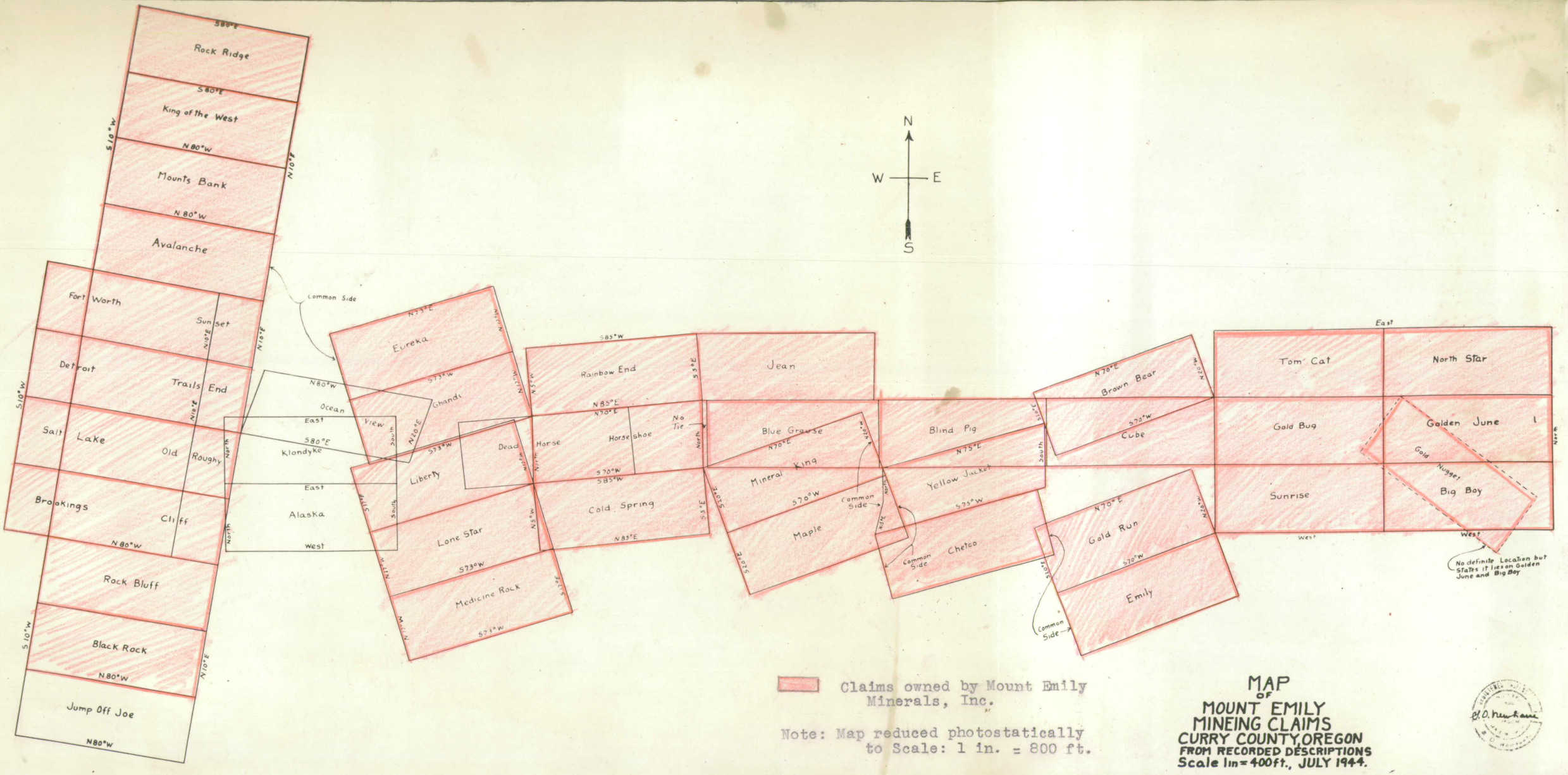
MURRAY HILL 2-8470

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 5 1952

Claims owned by Mount Emily Minerals, Inc., located on Mount Emily, Oregon:

Rainbow's End
Cold Spring
Blue Goose
Blind Pig
Yellow Jacket
Gold Run
Horseshoe
Dead Horse
Mineral King
Cube
Brown Bear
Brookings
Fort Worth
Detroit
Salt Lake
Rock Ridge
King of the West
Mount Bank
Avalanche
Sunset

Trails End
Old Roughy
Cliff
Rock Bluff
Black Rock
Eureka
Gandhi
Liberty
Lone Star
Mexican Rose
Maple
Gold Nugget
Chetco
Emily
Tom Cat
Gold Bug
Sun Rise
North Star
Golden June
Big Boy
Jean



Claims owned by Mount Emily Minerals, Inc.

Note: Map reduced photostatically to Scale: 1 in. = 800 ft.

MAP OF MOUNT EMILY MINEING CLAIMS CURRY COUNTY, OREGON

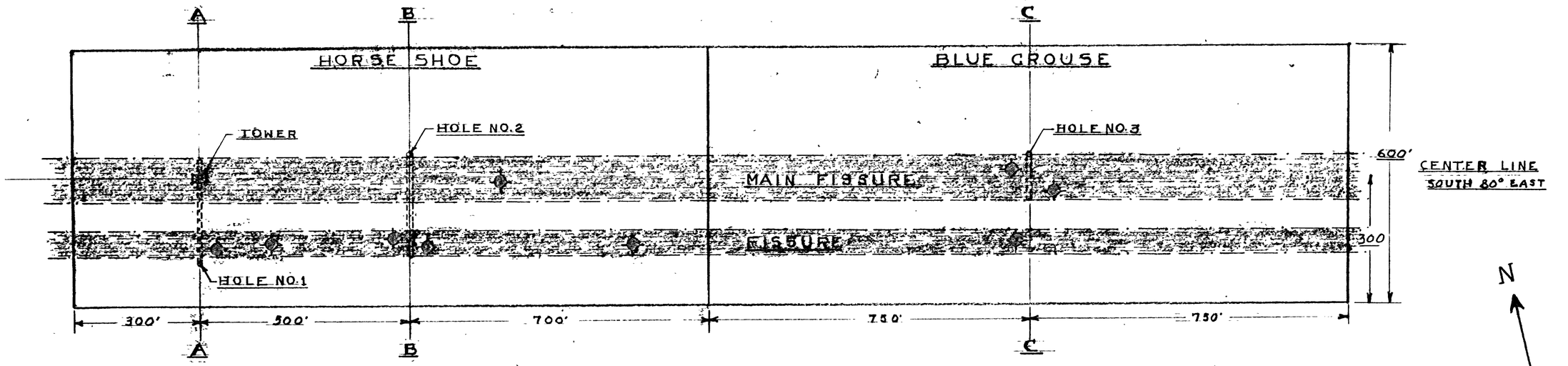
FROM RECORDED DESCRIPTIONS

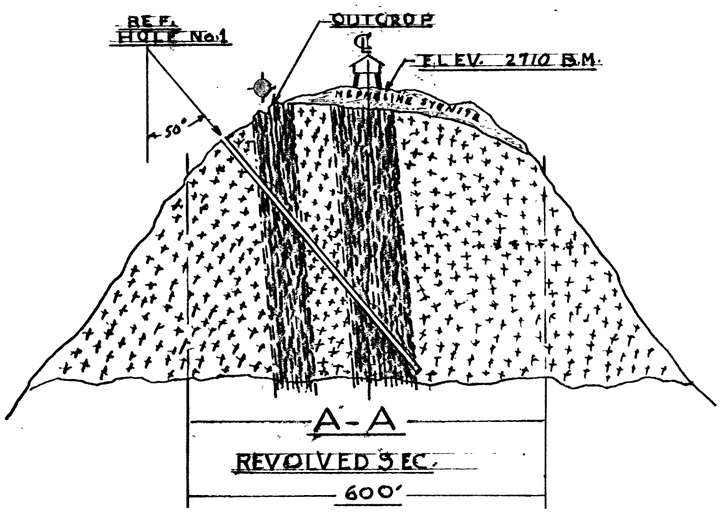
Scale 1in = 400ft., JULY 1944.

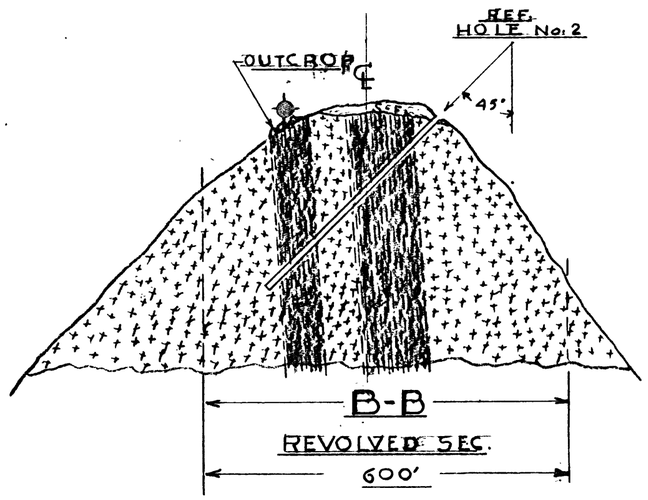
H. O. Newhouse

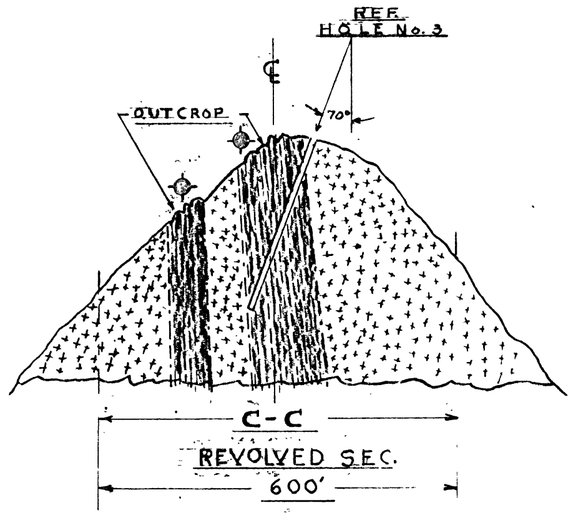
MOUNT EMILY MINERALS CO

PROPOSED DRILLING PROGRAM









	RHYOLITE
	FISSURE – SiO_2 – Ca – Fe –
	LAMP SHOWS SCHEELITE
NOTE	
SEE SHEET No. 2	
SCALE 1½" = 100' APPROX.	
HARRY H. UNDERHILL E.M.	
FEB. 27. 1952	

HHU