DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2472

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 III.

To:	Code 400, Rm. 3538	Date	4-7-52
To:	Operating Committee	Date	4/16/52
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DO NOT DETACH

CONTROLLED DOCUMENT

400

Mr. Luther A. Lindstrom
c/o General Delivery
Veterans Administration Branch
Los Angeles 25, California

Re: Docket No. DMEA 2072X - Tungsten
San Bernardino County, California

Dear Mr. Lindstrom:

Your application for exploration assistance dated April 1, 1952, for $235.00 has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration.

The amount of work you plan to do appears to be equivalent to little more than the location work required to hold a claim. At best, it can be considered only as prospecting which would not lead to a significant mineral discovery or development. Therefore, we must deny your application in its present form. If you are financially able and would wish to request aid for a larger program that might lead to a significant mineral discovery or development, we would gladly consider such a request.

Pursuant to your request, we are returning your copy of the assay certificate by Smith-Emery Company.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

TLChapman'lm
4/14/52

cc: Admn. Reading File
Docket
F. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
T. L. Chapman
~~XXXXXXX~~
Operating Committee

400's copy
~~FILE COPY~~
~~Surname.~~

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

Geehan

April 17, 1952

Memorandum

To: George C. Selfridge

From: Robert W. Geehan

Subject: DMEA-2472, Tungsten, Luther A. Lindstrom

My copy of the subject docket is returned to you herwith as the application was rejected by a letter surnamed April 15.

Robert W. Geehan

Attachment

RWGeehan:lds

Copy to: Ferrous Metals
Mr. Geehan
Files

400

FILE COPY
SURNAME:

Chapman
Selfridge
Gyland
Hedges
Lemmon
J E Johnson

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

Mr. Luther A. Lindstrom
c/o General Delivery
Veterans Administration Branch
Los Angeles 25, California

Re: Docket No. DMEA 2472X - Tungsten
San Bernardino County, California

Dear Mr. Lindstrom:

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Pursuant to your request, we are returning your copy of the assay certificate by Smith-Emery Company.

Sincerely yours,

C. O. Mittendorf (for) cc 4/17

Acting Administrator
Defense Minerals Exploration
Administration

TLChapman:lm
4/14/52

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

IN REPLY REFER TO:

G-MD-DML

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

400

April 9, 1952

Memorandum

To: B. C. Selfridge, DMEA

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

Subject: Exploration application $235.00 DMEA 2472 - Tungsten
Luther A. Lindstrom
c/o General Delivery
Veterans Administration Branch
Los Angeles 25, California

Property: One claim on Public Domain
(Location work not done)
Sec. 22, T. 9 N., R. 4 W.
20 miles West from Barstow
San Bernardino Co., California

Proposal: The applicant proposes to sink a pit 10 feet deep in a tactite layer from which a specimen was assayed and found to contain 0.66 percent of WO_3. He also plans to have 7 assays made.

Comment: 1) The Geological Survey has no information about the occurrence of tungsten on this claim.

2) The applicant has not done the required location work, and wants to do it with the loan requested.

3) The applicant does not have a valid claim until the location work is done, and hence may not be eligible for exploration assistance.

4) The work proposed is inadequate to make a significant discovery.

Recommendation: If DMEA considers the applicant's title to the claim to be valid, it is recommended that the Field Team be requested to examine the property and, if warranted, propose a suitable exploration program, probably involving trenches and sampling.

D. M. Lemmon

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

April 17, 1952

BL

Memorandum

To: George C. Selfridge

From: Robert W. Geehan

Subject: DMEA-2472, Tungsten, Luther A. Lindstrom

My copy of the subject docket is returned to you herwith as the application was rejected by a letter surnamed April 15.

Robert W. Geehan

Robert W. Geehan

Attachment

APR 18 1952

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-2472
Metal or Mineral
Date Received 4-7-52
Amount $
Participation (Government %)

Name and address of applicant

Luther A. Lindstrom
% Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Date April 1 - 1952

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

DMA Docket Number (if available) _____

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 7 1952

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.

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.

Lindstrom & Kimbel
(Name of company)

By Luther A. Lindstrom
(Signature of authorized official)

April 1 — 1952
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Question No. 1 MF-103

(a) A mineral claim 1475 feet long and 580 feet wide, very flat lying on the sandy desert floor. Easy access to.

(b) Being engaged in prospecting enclosed is a notice of location. A copy of which is placed in the discovery monument on the claim. This claim will be filed upon within 90 days after the discovery date as allowed by the state law.

(c) Government owned land -- Barstow, California mining district. Township 9N - Range 4W - Section 22. San Bernardino, Caunty, Calif. Notice the enclosed notice of location for further description. Nobody owns this land but the government.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 2 MF-103

(a) Tungsten

(b) I was prospecting and I found what looked like a vein of scheelite. This vein is located in what has been a couple of mountain or hill peaks and is now practically buried by the sand that has drifted down over it from higher mountains to the north and west. It is barely discernable and rises only about a foot and a half above the desert floor. Another 50-75 years it would be buried entirely. Two processes have been going on -- cutting down the peaks or ridge and at the same time burying it.

This vein is definitely 12 to 16 feet wide at some places and shows up at a length of about 300 feet, with every reason to believe that it continues further on but is buried below the sand.

I knocked off a piece of the ore of the ridge that sticks above the ground and had an assay made. Enclosed is a report of the assay made. It showed .66 of one per cent tungsten.

Kindly return the report of the assay (Smith Emery).

There is also an outcropping of scheelite about 1700 feet to the west of this.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles, 25 Calif

Question No. 3 MF-103

(a) What I want to do is to conduct a small exploration in the vein and get more assays made and learn more about the vein. I am planning on blowing a hole 10 feet deep in the vein. I had a mining engineer look at it and he said it looked very encouraging. I asked him how much he would charge to blow a hole 10 feet deep in it and he said he would do it for $200.00. When that is done I would like to make about six assays for tungsten. They charge $4.00 each. I also would like to have a quantitative and qualitative analysis made. They charge $11.00 for that.

(b) I presume it could be done in three days, although I don't know exactly. It would take about five days to get a report on the assays. The project should be done at once.

Luther A. Lindstrom
40 Gen Del
Vet Admini Branch
Los Angeles 25
Calif.

Question No. 4 MF-103

It seems to me that the ores would be called garnet-epidote --lying between sidewalls of granite. However, I am not a mining engineer. I dug down with the shovel in the sand and hit what I would call limestone on one side.

I am positive here is a body of scheelite and it should be given an exploration.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 5 MF-103

This mineral claim exists exactly as described in section B of Question No. 1, MF-103 with exception that a magnesium mine was operated by the government during World War II. It is located about a mile northwest of this claim and is abandoned now. The point I want to bring out is that the government built a very serviceable blacktop road from the Hodge-Hinckley road out to this magnesium mine and that road runs about a third of a mile from this vein of scheelite that I have described. So practically no cost whatsoever would be necessary for road building to have access to this ore.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 6 MF-103

Inapplicable to the present proposed work.

Luther A. Lindstrom
40 Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 7 MF-103

I am planning on hiring someone to do this job as was explained in section (a) of question 3, MF-103.

Question No. 8 MF-103

Inapplicable

Luther A. Lindstrom
c/o Gen Del
Vet Admin Branch
Los Angeles 25, Calif.

Question No. 9 MF-103

Blowing a hole 10 feet deep	$200.00
Six assays made at $4.00 each	24.00
One qualitative and quantitative analysis . . .	11.00
	$235.00

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25,
Calif

Question No. 10 MF-103

(a) $58.75

(b) Yes

Luther A. Lindstrom
40 Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question 11 MF-103

If this agreement can be made with the Defense Minerals Administration I would like to have your field engineers meet with us and say what they think where we should sink the 10 foot hole. After this exploration and if it looks O.K. we naturally would be interested in further development. But before we go into any great expense, let's try and see what kind of assays we can get with the above described work. We can always work out further plans if it looks satisfactory.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

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-2472

Date received 4-7-52

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Name and address of applicant

Date April 1-1952

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.

DEFENSE MINERALS ADMINISTRATION
RECEIVED
APR 7 1952

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.
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)
We are two partners engaged in prospecting during our leisure time							
Luther A. Lindstrom c/o Gen Del, Vet Admini Branch Los Angeles 25, Calif.							
Guy J. Kimbel c/o Gen Del, Vet Admini Branch Los Angeles 25, Calif							
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues: inapplicable

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: inapplicable

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.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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. inapplicable

12. Ore or Mineral Reserves:

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

this information is given within this application

16—63792-1

Question No. 1. Form NF-100

(A) This question is pretty thoroughly answered on Form NF-103 in question No. 2 (B).

(B) I am making application to you for money to perform some exploration work to make assays and find out what the by-products may be.

Luther A. Lindstrom
40 Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 2 Form MF-100

(a) (b) (c) (d)

These questions are covered in my answer to question No. 2 (b) on Form MF-103.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 3 (A) Form MP-100

(a) This ore is located about 20 miles (I would judge) west of Barstow, Calif. That town is a shipping point. Hodge, California, is about eight miles away. I am not sure but I believe there are facilities for shipping. It is on a railroad. Hinckley is about six miles away. It is a shipping point.

there is a ore loading platform there

(b) I suppose it would be called the Barstow mining district.

(c) Township 9N. Section 22. Range 4W

(d) San Bernardino County, California

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 4 Form MF-100

(a) This property is not in operation.

(b) This question is answered in Question No. 3 (a) Form MF-103

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 5 MF-100

Number of years in production - none.

If this ore turns out to be worth mining which looks as though it ought to, I would say that the proper thing to do is to start mining it at once.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 6 MP-100

I have never had any experience as a miner, but am a college graduate with a varied business experience and in this case I was smart enough to know tungsten ore when I saw it. I think I know where there is some more which I saw a few days ago when I was prospecting. I am getting an assay made of a sample.

Luther A. Lindstrom
C/o Gen Del
Vet Admini Branch
Los Angeles 25,
Calif

Question No. 7 MF-100

(a) Inapplicable

(b) There is an abandoned magnesium mine about a mile west of this body of ore. The government mined magnesium there during World War II. I do not know why they abandoned it.

(c) I am enclosing a report of an assay I had made by Smith Emery. This is of the ore I picked up on the property that I want to make an exploration on.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif.

Question No. 13 Form MF-100

The road distance from Hinckley is about six miles. It is a shipping point. Residence is plentiful within eight miles. The road distance from Barstow to the property is about twenty miles, I would judge. The condition of the road is excellent — blacktop. Barstow is an all around supply point. The road distance to Hodge is 8 miles - excellent black top road

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 14 MF-100

The closest water supply is about six miles awa. It is running water and an abundant supply all year around.

Luther A. Lindstrom
c/o Gen Del
Vet Admin'n Branch
Los Angeles 25
Calif

Question No. 15 MF-100

Inapplicable

Question No. 16 MF-100

Inapplicable

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 17 MF-100

There is no equipment connected with this. The whole proposed exploration is covered in Form MF-103.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 18 MF-100

There is none. Don't overlook the possibility that here may lie a fine body of ore and when one gets down into it it may contain a fairly high percentage of tungsten. It may be a fine strike.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

this information is given within this application

(b) If deposit is other than placer:

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

(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: inapplicable

(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:

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

16. Labor:

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

17. Equipment and Facilities:

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.

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.

Lindstrom & Kimbel
(Name of company)

By Luther A. Lindstrom
(Signature of authorized official)

April 1-1952
(Date)

partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

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

C
O
P
Y

Laboratory Report

SMITH-EMERY COMPANY
920 Santee Street
Los Angeles 15

LABORATORY
No. 348148-50

December 31, 1951

Sample: Ore

Received: 12-26-51

Submitted by: Luthur Lindstrom
525 South Main Street
Orange, California

Copy to: Guy J. Kimbel

REPORT OF DETERMINATIONS

"North Pit"

Tungsten Trioxide (WO_3) ---------- 0.43%

"South Pit"

Tungsten Trioxide (WO_3) ---------- None

"The Flats"

Tungsten Trioxide (WO_3) ---------- 0.66%

Respectfully submitted,

Smith-Emery Co.

CHEMISTS AND ENGINEERS

COPY

Laboratory Report

SMITH-EMERY COMPANY
920 Santee Street
Los Angeles 15

LABORATORY
No. 348148-50

December 31, 1951

Sample: Ore

Received: 12-26-51

Submitted by: Luthur Lindstrom
525 South Main Street
Orange, California

Copy to: Guy J. Kimbel

REPORT OF DETERMINATIONS

"North Pit"

Tungsten Trioxide (WO_3) ---------- 0.43%

"South Pit"

Tungsten Trioxide (WO_3) ---------- None

"The Flats"

Tungsten Trioxide (WO_3) ---------- 0.66%

Respectfully submitted,

Smith-Emery Co.

CHEMISTS AND ENGINEERS

C
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CHEMISTS AND ENGINEERS

IN REPLY REFER TO:

G-MD-DML

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

April 9, 1952

Memorandum

To: G. C. Selfridge, DMEA

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

Subject: Exploration application $235.00 DMEA 2472 - Tungsten
Luther A. Lindstrom
c/o General Delivery
Veterans Administration Branch
Los Angeles 25, California

Property: One claim on Public Domain
(Location work not done)
Sec. 22, T. 9 N., R. 4 W.
20 miles West from Barstow
San Bernardino Co., California

Proposal: The applicant proposes to sink a pit 10 feet deep in a tactite layer from which a specimen was assayed and found to contain 0.66 percent of WO_3. He also plans to have 7 assays made.

Comment: 1) The Geological Survey has no information about the occurrence of tungsten on this claim.

2) The applicant has not done the required location work, and wants to do it with the loan requested.

3) The applicant does not have a valid claim until the location work is done, and hence may not be eligible for exploration assistance.

4) The work proposed is inadequate to make a significant discovery.

Recommendation: If DMEA considers the applicant's title to the claim to be valid, it is recommended that the Field Team be requested to examine the property and, if warranted, propose a suitable exploration program, probably involving trenches and sampling.

D.M. Lemmon

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D. M. Lemmon

Form [redacted]03
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
D[redacted]ENSE 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-2472
Metal or Mineral
Date Received 4-7-52
Amount $
Participation (Government %)

Name and address of applicant

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 23, Calif

Date April 1-1952

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

DMA Docket Number (if available) _____

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 7 1952

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.

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.

Lindstrom & Kimbel
(Name of company)

By Luther A. Lindstrom
(Signature of authorized official)

April 1 — 1952
(Date)

partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Question No. 1 MF-103

(a) A mineral claim 1475 feet long and 580 feet wide, very flat lying on the sandy desert floor. Easy access to.

(b) Being engaged in prospecting enclosed is a notice of location. A copy of which is placed in the discovery monument on the claim. This claim will be filed upon within 90 days after the discovery date as allowed by the state law.

(c) Government owned land — Barstow, California mining district. Township 9N - Range 4W - Section 22. San Bernardino, County, Calif. Notice the enclosed notice of location for further description. Nobody owns this land but the government.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 2 MF-103

(a) Tungsten

(b) I was prospecting and I found what looked like a vein of scheelite. This vein is located in what has been a couple of mountain or hill peaks and is now practically buried by the sand that has drifted down over it from higher mountains to the north and west. It is barely discernable and rises only about a foot and a half above the desert floor. Another 50-75 years it would be buried entirely. Two processes have been going on -- cutting down the peaks or ridge and at the same time burying it.

This vein is definitely 12 to 16 feet wide at some places and shows up at a length of about 300 feet, with every reason to believe that it continues further on but is buried below the sand.

I knocked off a piece of the ore of the ridge that sticks above the ground and had an assay made. Enclosed is a report of the assay made. It showed .66 of one per cent tungsten.

Kindly return the report of the assay (Smith Emery).

There is also an outcropping of scheelite about 1700 feet to the west of this.

Luther A. Lindston
c/o Gen Del
Vet Admin Branch
Los Angeles 25, Calif

Question No. 3 MP-103

(a) What I want to do is to conduct a small exploration in the vein and get more assays made and learn more about the vein. I am planning on blasting a hole 10 feet deep in the vein. I had a mining engineer look at it and he said it looked very encouraging. I asked him how much he would charge to blow a hole 10 feet deep in it and he said he would do it for $200.00. When that is done I would like to make about six assays for tungsten. They charge $4.00 each. I also would like to have a quantitative and qualitative analysis made. They charge $11.00 for that.

(b) I presume it could be done in three days, although I don't know exactly. It would take about five days to get a report on the assays. The project should be done at once.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 4 MF-103

It seems to me that the ores would be called garnet-epidote --lying between sidewalls of granite. However, I am not a mining engineer. I dug down with the shovel in the sand and hit what I would call limestone on one side.

I am positive here is a body of scheelite and it should be given an exploration.

Luther A. Lindstrom
c/o Gen Del
Vet Admin Branch
Los Angeles 25, Calif.

Question No. 5 MF-103

This mineral claim exists exactly as described in section B of Question No. 1, MF-103 with exception that a magnesium mine was operated by the government during World War II. It is located about a mile northwest of this claim and is abandoned now. The point I want to bring out is that the government built a very serviceable blacktop road from the Hodge-Hinckley road out to this magnesium mine and that road runs about a third of a mile from this vein of scheelite that I have described. So practically no cost whatsoever would be necessary for road building to have access to this ore.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 6 MF-103

Inapplicable to the present proposed work.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 7 MF-103

I am planning on hiring someone to do this job as was explained in section (a) of question 3, MF-103.

Question No. 8 MF-103

Inapplicable

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 9 MF-103

Blowing a hole 10 feet deep	$200.00
Six assays made at $4.00 each	24.00
One qualitative and quantitative analysis . . .	11.00
	$235.00

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 10 MF-103

(a) $58.75

(b) Yes

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question 11 MF-103

If this agreement can be made with the Defense Minerals Administration I would like to have your field engineers meet with us and say what they think where we should sink the 10 foot hole. After this exploration and if it looks O.K. we naturally would be interested in further development. But before we go into any great expense, let's try and see what kind of assays we can get with the above described work. We can always work out further plans if it looks satisfactory.

Luther A. Lindstrom
c/o Gen Del
Vet Admins Branch
Los Angeles 25, Calif.

Form MF-100
(May 1951)

U. DEPARTMENT OF THE INTERI
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-2472

Date received 4-7-52

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Name and address of applicant

Date April 1-1952

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.

APR 7 1952

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.
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)
we are two partners engaged in prospecting during our leisure time							
Luther A. Lindstron c/o Gen Del, Vet Admini Branch Los Angeles 25, Calif.							
Guy J. Kimbel c/o Gen Del, Vet Admini Branch Los Angeles 25, Calif							
Total			x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues: inapplicable **For Corporate Applicants**

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: inapplicable

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.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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. inapplicable

12. Ore or Mineral Reserves:

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

this information is contained

Question No. 1. Form MF-100

(A) This question is pretty thoroughly answered on Form MF-103 in question No. 2 (B).

(B) I am making application to you for money to perform some exploration work to make assays and find out what the by-products may be.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 2 Form MF-100

(a) (b) (c) (d)

These questions are covered in my answer to question No. 2 (b) on Form MF-103.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif.

Question No. 3 (A) Form MF-100

(a) This ore is located about 20 miles (I would judge) west of Barstow, Calif. That town is a shipping point. Hodge, California, is about eight miles away. I am not sure but I believe there are facilities for shipping. It is on a railroad. Hinckley is about six miles away. It is a shipping point.

there is a ore ~~#~~ loading platform here

(b) I suppose it would be called the Barstow mining district.

(c) Township 9N. Section 22. Range 4W

(d) San Bernardino County, California

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25 Calif.

Question No. 4 Form MF-100

(a) This property is not in operation.

(b) This question is answered in Question No. 3 (a) Form MF-103

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif.

Question No. 5 MF-100

Number of years in production - none.

If this ore turns out to be worth mining which looks as though it ought to, I would say that the proper thing to do is to start mining it at once.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif.

Question No. 6 MF-100

I have never had any experience as a miner, but am a college graduate with a varied business experience and in this case I was smart enough to know tungsten ore when I saw it. I think I know where there is some more which I saw a few days ago when I was prospecting. I am getting an assay made of a sample.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 7 MF-100

(a) Inapplicable

(b) There is an abandoned magnesium mine about a mile west of this body of ore. The government mined magnesium there during World War II. I do not know why they abandoned it.

(c) I am enclosing a report of an assay I had made by Smith Emery. This is of the ore I picked up on the property that I want to make an exploration on.

Luther A. Lindstron
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 13 Form MF-100

The road distance from Hinckley is about six miles. It is a shipping point. Residence is plentiful within eight miles. The road distance from Barstow to the property is about twenty miles, I would judge. The condition of the road is excellent -- blacktop. Barstow is an all around supply point. The road distance to Hodge is 8 miles - excellent black top road.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25,
Calif.

Question No. 14 MF-100

The closest water supply is about six miles away. It is running water and an abundant supply all year around.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 15 MF-100

Inapplicable

Question No. 16 MF-100

Inapplicable

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 17 MF-100

There is no equipment connected with this. The whole proposed exploration is covered in Form MF-103.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 18 MF-100

There is none. Don't overlook the possibility that here may lie a fine body of ore and when one gets down into it it may contain a fairly high percentage of tungsten. It may be a fine strike.

Luther A. Lindstrom
c/o Gen Del
2.ct Admini Branch
Los Angeles 25
Calif

(b) If deposit is other than plac[illegible] ~~inapplicable~~ this information is given herein

(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: inapplicable

(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:

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

16. Labor:

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

17. Equipment and Facilities:

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.

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.

Lindstrom & Kimbel
(Name of company)

By Luther A. Lindstrom
(Signature of authorized official)

April 1 — 1952
(Date)

partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

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

EXPLORATION

Subject: DMEA-2472
Re: Exploration Loan
April 7, 1952

Mr. Luther A. Lindstrom
c/o General Delivery
Veterans Administration Branch
Los Angeles 25, California

My dear Mr. Lindstrom:

This will acknowledge receipt of your application dated April 1, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2472 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-2472 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

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-2472
Metal or Mineral
Date Received 4-7-52
Amount $
Participation (Government %)

Name and address of applicant

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Date April 1 - 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.

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.

DEPARTMENT OF THE INTERIOR Defense Minerals Administration RECEIVED APR 7 1952

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.

Lindstrom & Kimbel
(Name of company)

By Luther A. Lindstrom
(Signature of authorized official)

April 1—1952
(Date)

partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Question No. 1 MF-103

(a) A mineral claim 1475 feet long and 580 feet wide, very flat lying on the sandy desert floor. Easy access to.

(b) Being engaged in prospecting enclosed is a notice of location. A copy of which is placed in the discovery monument on the claim. This claim will be filed upon within 90 days after the discovery date as allowed by the state law.

(c) Government owned land -- Barstow, California mining district. Township 9N - Range 4W - Section 22. San Bernardino, Caunty, Calif. Notice the enclosed notice of location for further description. Nobody owns this land but the government.

Luther A. Lindstrom
c/o Gen Del
Vet Adminis Branch
Los Angeles, 25, Calif

Question No. 2 MF-103

(a) Tungsten

(b) I was prospecting and I found what looked like a vein of scheelite. This vein is located in what has been a couple of mountain or hill peaks and is now practically buried by the sand that has drifted down over it from higher mountains to the north and west. It is barely discernable and rises only about a foot and a half above the desert floor. Another 50-75 years it would be buried entirely. Two processes have been going on — cutting down the peaks or ridge and at the same time burying it.

This vein is definitely 12 to 16 feet wide at some places and shows up at a length of about 300 feet, with every reason to believe that it continues further on but is buried below the sand.

I knocked off a piece of the ore of the ridge that sticks above the ground and had an assay made. Enclosed is a report of the assay made. It showed .66 of one per cent tungsten.

Kindly return the report of the assay (Smith Emery).

There is also an outcropping of scheelite about 1700 feet to the west of this.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 3 MF-103

(a) What I want to do is to conduct a small exploration in the vein and get more assays made and learn more about the vein. I am planning on blowing a hole 10 feet deep in the vein. I had a mining engineer look at it and he said it looked very encouraging. I asked him how much he would charge to blow a hole 10 feet deep in it and he said he would do it for $200.00. When that is done I would like to make about six assays for tungsten. They charge $4.00 each. I also would like to have a quantitative and qualitative analysis made. They charge $11.00 for that.

(b) I presume it could be done in three days, although I don't know exactly. It would take about five days to get a report on the assays. The project should be done at once.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 4 MF-103

It seems to me that the ores would be called garnet-epidote --lying between sidewalls of granite. However, I am not a mining engineer. I dug down with the shovel in the sand and hit what I would call limestone on one side.

I am positive here is a body of scheelite and it should be given an exploration.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 5 MF-103

This mineral claim exists exactly as described in section B of Question No. 1, MF-103 with exception that a magnesium mine was operated by the government during World War II. It is located about a mile northwest of this claim and is abandoned now. The point I want to bring out is that the government built a very serviceable blacktop road from the Hodge-Hinckley road out to this magnesium mine and that road runs about a third of a mile from this vein of scheelite that I have described. So practically no cost whatsoever would be necessary for road building to have access to this ore.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25,
Calif.

Question No. 6 MF-103

Inapplicable to the present proposed work.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 7 MF-103

I am planning on hiring someone to do this job as was explained in section (a) of question 3, MF-103.

Question No. 8 MF-103

Inapplicable

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 9 MF-103

Blowing a hole 10 feet deep	$200.00
Six assays made at $4.00 each	24.00
One qualitative and quantitative analysis . . .	11.00
	$235.00

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Question No. 10 MF-103

(a) $58.75

(b) Yes

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 23, Calif

Question 11 MF-103

If this agreement can be made with the Defense Minerals Administration I would like to have your field engineers meet with us and say what they think where we should sink the 10 foot hole. After this exploration and if it looks O.K. we naturally would be interested in further development. But before we go into any great expense, let's try and see what kind of assays we can get with the above described work. We can always work out further plans if it looks satisfactory.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

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-2472

Date received 4-7-52

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif.

Name and address of applicant

Date April 1-1952

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.

APR 7 1952

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.
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)
We are two partners engaged in prospecting between times.							
Luther A. Lindstron							
c/o Gen Del, Vet Admini Branch							
Los Angeles 25, Calif.							
Guy J. Kimbel							
c/o Gen Del, Vet Admini Branch							
Los Angeles 25, Calif							
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues: inapplicable

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: inapplicable

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.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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. inapplicable

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. This information is given in application herein

16—63792-1

Question No. 1. Form MF-100

(A) This question is pretty thoroughly answered on Form MF-103 in question No. 2 (B).

(B) I am making application to you for money to perform some exploration work to make assays and find out what the by-products may be.

Luther A. Lindstrom
C/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 2 Form MF-100

(a) (b) (c) (d)

These questions are covered in my answer to question No. 2 (b) on Form MF-103.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 3 (A) Form MF-100

(a) This ore is located about 20 miles (I would judge) west of Barstow, Calif. That town is a shipping point. Hodge, California, is about eight miles away. I am not sure but I believe there are facilities for shipping. It is on a railroad. Hinckley is about six miles away. It is a shipping point.

there is a ore loading platform here

(b) I suppose it would be called the Barstow mining district.

(c) Township 9N. Section 22. Range 4W

(d) San Bernardino County, California

Luther A. Lindstron
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 4 Form MF-100

(a) This property is not in operation.

(b) This question is answered in Question No. 3 (a) Form MF-103

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 5 MF-100

Number of years in production - none.

If this ore turns out to be worth mining which looks as though it ought to, I would say that the proper thing to do is to start mining it at once.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 6 MP-100

I have never had any experience as a miner, but am a college graduate with a varied business experience and in this case I was smart enough to know tungsten ore when I saw it. I think I know where there is some more which I saw a few days ago when I was prospecting. I am getting an assay made of a sample.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 7 MF-100

(a) Inapplicable

(b) There is an abandoned magnesium mine about a mile west of this body of ore. The government mined magnesium there during World War II. I do not know why they abandoned it.

(c) I am enclosing a report of an assay I had made by Smith Emery. This is of the ore I picked up on the property that I want to make an exploration on.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 13 Form MF-100

The road distance from Hinckley is about six miles. It is a shipping point. Residence is plentiful within eight miles. The road distance from Barstow to the property is about twenty miles, I would judge. The condition of the road is excellent — blacktop. Barstow is an all around supply point. The road distance to Hodge is 8 miles—excellent black top road.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles, 25
Calif

Question No. 14 MF-100

The closest water supply is about six miles awa. It is running water and an abundant supply all year around.

Luther A. Lindstron
% Gen Del
Vet Admini Branch
Los Angeles 25, Calif

Question No. 15 MF-100

Inapplicable

Question No. 16 MF-100

Inapplicable

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 17 MF-100

There is no equipment connected with this. The whole proposed exploration is covered in Form MF-103.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

Question No. 18 MF-100

There is none. Don't overlook the possibility that here may lie a fine body of ore and when one gets down into it it may contain a fairly high percentage of tungsten. It may be a fine strike.

Luther A. Lindstrom
c/o Gen Del
Vet Admini Branch
Los Angeles 25
Calif

(b) If deposit is other than plac[illegible] this information is given herein

(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: inapplicable

(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:

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

16. Labor:

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

17. Equipment and Facilities:

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.

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.

Lindstrom & Kimbel
(Name of company)

By Luther A. Lindstrom
(Signature of authorized official)

April 1 – 1952
(Date)

partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

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

Notice of Location

LODE[1]

(See Sections 2301 - 2324, Inclusive, Public Resources Code)

TO WHOM IT MAY CONCERN: Please take notice that:

(1) The name of this claim is midnight no 1 Lode Mining Claim. Said claim is situated in the Barstow Mining District, County of San Bernardino, State of California.

(2) The name S of the locator S of said claim are (is - are):

Luther A. Lindstrom
Guy J. Kimbel

Said locator S are (is a - are) citizen S of the United States of America or ~~—— declared ——~~ (has - have) (his - their) ~~intention —— to become such~~.

(3) The said locator S do —— hereby locate and claim 1475 (not to exceed 1500) linear feet of this vein or lode, together with surface ground extending 290 (not to exceed 300) feet in width on each side of the middle of said vein or lode and more particularly described as follows:

Commencing at a stone monument (post or monument) where this notice is posted, which monument (post or monument) is at the point of discovery on said vein or lode and on the center line of this location, we (I or we) hereby claim 737.5 feet extending in a northerly direction along the course of said vein and 737.5 feet in a southerly direction. The general course of the vein or lode is northerly and southerly as near as can be determined from present developments.

The discovery monument (post or monument)[2] is situated about 4275 feet from the end of the blacktop road that runs westerly from the Hodge-Hinckley road to the abandoned magnesium mine. The discovery monument lies southeast in the direction of the geographical marker on top of mountain (name some natural object or permanent monument and give direction)

(4) The date of this location is the 31 day of March, 1952

(5) This notice is intended as an original notice of location and is posted on this claim and a true copy thereof is to be recorded with the County Recorder of this County. within 90 days

(6) All dips, variations, spurs, angles and all veins, ledges, or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States of America are hereby claimed.

DATED: March 31, 1952.

WITNESSES:[3]

LOCATORS:[4]

Luther A. Lindstrom
Guy J. Kimbel

Footnotes 1, 2, 3, and 4: See Reverse Side.

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

NOTICE IS HEREBY GIVEN by the undersigned Locator____ of the within described Lode Mining Claim, in accordance with the provisions of Chapter 644 of the Statutes of 1941 which amend Section 2313 of the Public Resources Code of the State of California relating to mining claims, as follows:

(1) That there has been erected at the discovery point, at each corner and at the center of each end line of said claim, _____

_____

_____

_____[5]

(2) The Locator____ ha_____ performed discovery work as required by Section 2304, Public Resources Code as follows:[6] _____

_____

_____

_____

(3) That the discovery work indicated above has been completed within ninety (90) days from the date of location of said claim.[7]

DATED:_____, 19_____.

LOCATORS:

_____	_____
_____	_____
_____	_____
_____	_____

DO NOT RECORD

1 This form should not be used where a placer location notice, tunnel site location notice, or mill site location notice is required.

2 The post must be not less than four inches in diameter and the stone monument must be at least eighteen inches high.

3 Witnesses are optional and are not required.

4 Public Resources Code Section 2313 provides, in part, as follows: "Within 90 days after the posting of his notice of location upon a lode mining claim . . . the locator shall record a true copy of the notice together with a statement of the markings of the boundaries as required in this chapter, and of the performance of the required discovery work, in the office of the county recorder of the county in which such claim is situated. The county recorder shall receive a fee of one dollar ($1) for this service."

5 Insert herein the following words: "a post not less than four (4) inches in diameter" or "a stone monument, at least eighteen (18) inches high", as the case may be.

6 Section 2304, Public Resources Code, reads, in part, as follows: "(a) Within 90 days after the date of location of any lode mining . . . claim hereafter located, the locator or locators thereof shall sink a discovery shaft upon the claim to a depth of at least 10 feet from the lowest part of the rim of the shaft at the surface, or shall drive a tunnel, adit, or open cut upon the claim to at least 10 feet below the surface . . ."

7 A location of a lode mining claim is null and void unless such discovery work is duly performed and a true copy of location notice recorded within ninety (90) days from date of location.

No.....

NOTICE OF LOCATION

Lode Claim

Statement of the Markings of the Boundaries and of Performance of Discovery Work

CLAIMANT

.....

.....

.....*Mining Claim*

.....*Mining District*

.....*, County*.....

FILED.....*, 19*.....

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2472

Commodity TUNGSTEN.

Total Amount 235

Govt. Participation 176.25

1. Name and Address of Applicant LUTHER A. LINDSTROM
C/O. GEN. DEL. VETERANS ADMIN. BRANCH LOS ANGELES 25 CALIF.

2. Location of Property T. 9N. R 4W. SEC. 22, SAN BERNARDINO COUNTY, CALIF. LOCATION MONUMENT IS 4225 FT. FROM END OF BLACK TOP ROAD THAT RUNS WESTERLY FROM THE HOOGE-HINCKLEY ROAD, TO THE ABANDONED MAGNESIUM MINE

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

If not, application will be rejected.

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

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

a) Good _____

b) Poor _____

c) None _____

d) Don't know—needs field examination YES.

e) Is there an alternative and favorable project? _____
(If so, attach an explanation)

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

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

Does the lease have sufficient time to run to cover a future productive period? _____

*question numbers are those of MF-103

7. Are subordination agreements necessary? No.

a) MF-201? _____

b) MF-202? _____

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

a) Available manpower YES.

b) Equipment and supplies YES.
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* GOOD

d) Water (question 13)* EASILY ACQUIRED FOR NECESSARY WORK.

e) Power (question 13)* NO POWER NECESSARY OR USE GASOLINE POWER.

Is a field check needed on any of these points? NO.

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* APPLICANT HAS NO MINING EXPERIENCE. W

Is a field check needed on this point? YES.

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

a) Is the project adequately described? YES.

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

b) Is there an adequate map or sketch of the proposed work? MAP NOT NECESSARY

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

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? YES.

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

e) Are the cost estimates reasonable? YES.

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A? YES.

11. Exhibit B (question 23-d)*

a) Is it applicable? NO

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

c) Is a field check needed?_____

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

a) Is it applicable? No

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

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

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

a) Are there sufficient data?_____

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

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? FIELD EXAMINATION NEEDED TO STUDY THE POSSIBILITIES OF THE AREA. THE PROJECT AS PRESENTED IS TO SMALL AND A STUDY SHOULD BE MADE TO INDICATE THE FEASIBILITY OF A LARGER PROJECT. THIS WOULD PROBABLY CALL FOR TRENCHING AND AND A SHAFT IF TRENCHING INDICATED POSSIBILITIES

Reviewed by: T.L. CHAPMAN

Date 4/16/82