DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3381

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 Assistance

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.

Cys to USBM & USGS

Routing Slip

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CONTROLLED DOCUMENT

File Copy
Surname
Minerals
Farrar
Hedges
Selfridge
Gilman

500

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

JUN 24 1954

Rossi, Leth, & Le Noir
P. O. Box 104
Bagdad, Arizona

Re: Docket No. DMEA-3381 (Copper)
Rossi, Leth, & Le Noir
Zinc Mountain Claims
Yavapai County, Arizona

Gentlemen:

Your application for aid for an exploration project and other reports available to us in Washington concerning the above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, including the report of a field examination made in February 1952, although noting a small amount of copper mineralization on your claims, indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your claims to our attention.

Sincerely yours,

C. O. Mittendorf (fw)
Administrator

6-24

WBGriswold/bjl (6/22/54)

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Mr. C. H. Johnson (USBM)
Mr. Gildersleeve
Region IV (2)
Chron.

UNITED STATES 500
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

June 22, 1954

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Denial of application Docket No. DMEA-3381 (Copper), Rossi, Leth, & Le Noir, Zinc Mountain Claims, Yavapai County, Arizona

Attached is a letter of denial applying to the cited application.

The property was given a thorough field examination in February 1952 by both a geologist and an engineer. The covering report was made by Calvin S. Bromfield (see attached Docket No. DMEA-1648), and his conclusions for a denial seem well founded. It would appear foolish to now order another field examination since no significant additional work has since been done on the property in question.

W. R. Griswold

W. R. Griswold

File Copy
Surname

500

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

June 22, 1954

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Subject: Denial of application Docket No. DMEA-3381 (Copper), Rossi, Leth, & Le Noir, Zinc Mountain Claims, Yavapai County, Arizona

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W. R. Griswold
W. R. Griswold

WRGriswold/bjl

Copy to: Docket
~~Op. Committee~~
Base Metals
Chron.

IN REPLY REFER TO:

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

June 17, 1954

Memorandum

Re: DMEA-3381
Zinc Mountain Claims
Eureka District
Yavapai County, Ariz.
50,000
Copper

To: Mr. W. R. Griswold, DMEA

From: E. L. Newcomb, USGS

Subject: Recommendation for denial

The applicant proposes to drill several iron- and copper-stained cappings or outcrops to test for possible copper ore at depth.

The Zinc Mountain claims were examined by the field team in 1952 in connection with DMEA-1648. At that time the claims were owned or leased by F. M. Morton. At the recommendation of the field team, DMEA denied his application.

The new application indicates that the only new work done since 1952 was the sinking of an 18-foot prospect shaft on a copper-stained fracture.

Similar fractures containing sparse amounts of chrysocolla are mentioned by the field team, but they concluded it was unlikely that minable copper deposits would be found at depth.

As this application presents no new evidence which indicates further consideration is warranted, I recommend the proposed project be denied.

E. L. Newcomb
Geologist

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

June 10, 1954

Memorandum

To: W. R. Griswold, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-3381 (Copper) Rossi, Lath and LeNoir; Zinc Mountain Claims, near Bagdad Mine, Yavapai County, Arizona

I have reviewed this application, which is returned herewith, and believe it justifies referral for Field Team investigation. We have no information in this office on this particular property, but the application makes claims of numerous low-grade copper showings over a large area, and in what might well be "good hunting ground." If the property merits exploration, it would be preferable to undertake a somewhat more speedy program than the 3-man, 2-year project described in the application.

C. H. JOHNSON

C. H. Johnson

Attachment

CHJohnson:ks

Copy to - Mr. Newcomb, USGS
Minerals Division
C. H. Johnson
Files

IN REPLY REFER TO:

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

June 17, 1954

Memorandum

Re: DMEA-3381
Zinc Mountain Claims
Eureka District
Yavapai County, Ariz.
$50,000
Copper

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E. L. Newcomb
E. L. Newcomb
Geologist

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

Griswold
Betty

June 10, 1954

Memorandum

To: W. R. Griswold, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-3381 (Copper) Rossi, Leth and LeNoir; Zinc Mountain Claims, near Bagdad Mine, Yavapai County, Arizona

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C. H. Johnson
C. H. Johnson

Attachment

Copy to - Mr. Newcomb, USGS
Minerals Division
C. H. Johnson
Files

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

June 6, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region IV.

DMEA-3381 Rossi, Leth, & Le Noir

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

June 4, 1954

Rossi, Leth, & Le Noir
P. O. Box 104
Bagdad, Arizona

Subject: DMEA-3381
Re: Exploration Assistance
Zinc Mountain Claims

Gentlemen:

The receipt of your application dated May 24, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3381 and referred to the Base Metals Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1954

224 New Customhouse
Denver 2, Colorado

June 1, 1954.

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Application of Rossi, Leth & Le Noir, Zinc Mountain Mining Claims, Eureka Mining District, Yavapai County, Arizona.

Enclosed are three copies of an application for exploration assistance in the amount of $50,000.00 transmitted to this office by the New Mexico-Arizona Field Office, U. S. Bureau of Mines.

W H King
W. H. King

Enclosures

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1954

224 New Customhouse
Denver 2, Colorado

June 1, 1954.

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Application of Rossi, Leth & Le Noir, Zinc Mountain Mining Claims, Eureka Mining District, Yavapai County, Arizona.

Enclosed are three copies of an application for exploration assistance in the amount of $50,000.00 transmitted to this office by the New Mexico-Arizona Field Office, U. S. Bureau of Mines.

W. H. King

W. H. King

Enclosures

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1954

Not To Be Filled in by Applicant

Docket No. 3381
Metal or Mineral Copper, et al
Date Received
Amount $ $50,000
Participation (Government %)

Name and address of applicant

Rossi, Leth & Le Noir,
Box 104,
Bagdad,
Arizona.

Date May 24, 1954.

U. S. BUREAU OF MINES
MINING DIVISION
MAY 26 1954
TUCSON, ARIZONA

If you have already filed MF-100, give date filed May 24, 1954 type of assistance requested Exploration,

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.

The information requested [illegible] questions 3, 4, 5, 6, 7, 8, and 9 below should [illegible] 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.

Rossi, Leth & Le Noir,
(Name of company)

By Gus O. Leth
(Signature of authorized official)

May 24, 1954.
(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

Received and Filed
by 4/15/54

Form M. F. - 103

1. (a) Zinc Mountain Mining claims Nos. 1 through 15 located in section 6 and 7 Twp. 14 N R 9 W 1¼ miles S. W. of Bagdad open pit and 33 miles N. W. of Hillside (shipping point) in the Eureka mining district of Yavapai Co.; Arizona.

1. (B) Owners.

1. (c) Same as 1 (a)

2. (a) Copper; Molybdenum; Brookite and Rutile.

2. (B) Same as 7 (c) of notes on form M. F. - 100.

3. (a) Drill, assay and install leaching setup (if feasable) on surface ore body on claims Nos. 14 and 15. Develope water if neccessary. Churn or core drill claims Nos. 14, 15, 6, 7, 8, 12, 1, and 2. Sink and crosscut to extent necessary as proven by drilling. Bulldoze roads, drillsites etc.
Total estimated cost - $50,000.

3. (b) 2 years.

5. ( ) None.

6. ( ) None.

7. ( ) Equipment rental - Churn drill - - - - $ 500.
Diamond drill - - - - - - - - - - - - - $1500.
Dozer - - - - - - - - - - - - - - - - - - $1000.
Hoist - - - - - - - - - - - - - - - - - - $1000.

(b) Equipment purchased - None.

(c) Furnished by you. -
Compressors - 2 years depreciation - - - $1200.
Hammers - - - " " " " - - - $ 500.

8. 3 men @ $16. per day - - - - - - - - $24000.

9. Timber, headframes, etc. - - - - - - - $ 5000.
Casing - - - - - - - - - - - - - - - - - $ 2000.
Pipe - - - - - - - - - - - - - - - - - - $ 500.
Assaying - - - - - - - - - - - - - - - - $ 200.
Power, fuel etc. - - - - - - - - - - - - $ 5000.
Utilities, maintainance etc. - - - - - - $ 1000.
Miscellaneous, Labor etc. - - - - - - - $ 6600.

10(a) $25000.

(b) Yes.

11. None.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1954

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. _____

Date received _____

Rossi, Leth & Le Noir,
Box 104,
Bagdad,
Arizona.

U. S. BUREAU OF MINES
MINING DIVISION
MAY 26 1954
TUCSON, ARIZONA

Name and address of applicant

Date May 24, 1954.

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.
5. Number of years in production unknown

   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)
Valerio Rossi	Partner	none	$20,000	none	none	none	none
Tom Le Noir	"	"	$45,000	"	"	"	"
Gus O. Leth	"	"	$20,000	"	"	"	"
	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:

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:

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.

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. Check notes 7 (c)

(*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)	600	2% CU	$12.	?	?
Indicated (probable)	15,000	2% CU	$12.	?	?

(*c*) If placer:

(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.

Rossi, Leth & LeNoir
(Name of company)

By Gus O. Leth
(Signature of authorized official)

May 24, 1954.
(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

[illegible]

1. [illegible]

(a) [illegible]

(b) [illegible]

2. [illegible] should be inclusive.
[illegible] and [illegible] [illegible]

(a) [illegible]

(b) [illegible]

(c) [illegible]

(d) [illegible]

(e) [illegible]

(f) [illegible]

3. [illegible] [illegible]

4. [illegible]

5. [illegible]

6. [illegible]

7. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 15; 500' [illegible]
[illegible] production [illegible].

7. (a) [illegible] July 4, 19[illegible]. [illegible] of [illegible] on the property. [illegible] 10' shaft [illegible] in porphyry [illegible] chalcopyrite, [illegible] on the [illegible] pyrite, [illegible] porphyry [illegible] drilled [illegible] air drill and long steel. [illegible] 100' [illegible].

[illegible] 10' to 50'. [illegible].

[illegible] strike [illegible] porphyry, [illegible].

[illegible] chalco[illegible] 100' [illegible] 4 10" [illegible] possible [illegible].

[illegible] vein of [illegible].

[illegible]

The other [illegible] ardly [illegible].

13. [illegible] - [illegible] 7 [illegible].

14. [illegible] - Not enough [illegible].

15. [illegible] - [illegible] 12-[illegible] through property.

16. [illegible] - [illegible].

17. [illegible] - [illegible].
[illegible] compressor - good condition. [illegible]
[illegible] - good condition.
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etc., etc. [illegible] - 1 - [illegible].

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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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1954

Not To Be Filled in by Applicant

Docket No. 3381
Metal or Mineral Copper, et al.
Date Received
Amount $ $50,000
Participation (Government %)

Name and address of applicant

Rossi, Leth & Le Noir,
Box 104,
Bagdad,
Arizona.

Date May 24, 1954.

If you have already filed MF-100, give date filed May 24, 1954, type of assistance requested Exploration,

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.

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.

Rossi, Leth & Le Noir,
(Name of company)

By Gus O Leth
(Signature of authorized official)

May 24, 1954.
(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

1. (a) Zinc Mountain Mining claims Nos. 1 through 15 located in section 6 and 7 Twp. 14 N R 9 W 1½ miles N. W. of Jagged open pit and 35 miles N. W. of Hillside (shipping point) in the Bureau mining district of Yavapai Co.; Arizona.

1. (b) Owners.

1. (c) Same as 1 (a)

2. (a) Copper; Molybdenum; Brookite and Rutile.

2. (b) Same as 7 (c) of notes on form . . F. - 100.

3. (a) Drill, assay and install leaching setup (if feasible) on surface ore body on claims Nos. 14 and 15. Develope water if necessary. Churn or core drill claims Nos. 14, 15, 6, 7, 8, 12, 1, and 2. Sink and crosscut to extent necessary as proven by drilling. Bulldoze roads, drillsites etc.
Total estimated cost - $50,000.

3. (b) 2 years.

5. ( ) None.

6. ( ) None.

7. ( ) Equipment rentals - Churn drill - - - - $ 500.
Diamond drill - - - - - - - - - - - - - $ 1500.
Dozer - - - - - - - - - - - - - - - - - $ 1000.
Hoist - - - - - - - - - - - - - - - - - - $ 1000.

(b) Equipment purchased - None.

(c) Furnished by you. -
Compressors - 2 years depreciation - - - $ 1200.
Mammers - - - " " " " - - - $ 500.

8. 3 men @ $16. per day - - - - @ @ - - - $24000.

9. Timber, headframes, etc. - - - - - - - - $ 5000.
Casing - - - - - - - - - - - - - - - - - $ 2000.
Pipe - - - - - - - - - - - - - - - - - - $ 500.
Assaying - - - - - - - - - - - - - - - - $ 200.
Power, fuel etc. - - - - - - - - - - - - $ 5000.
Utilities, maintainance etc. - - - - - - $ 1000.
Miscellaneous, Labor etc. - - - - - - - - $ 6600.

10(a) $25000.

(b) Yes.

11. None.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN - 4 1954

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. _____

Date received _____

Rossi, Leth & Le Noir,
Box 164,
Bagdad,
Arizona.

Name and address of applicant

Date May 24, 1954.

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.
5. Number of years in production unknown

   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)
Valerio Rossi	Partner	none	$20,000	none	none	none	none
Tom Le Noir	"	"	$45,000	"	"	"	"
Gus O. Leth	"	"	$20,000	"	"	"	"
	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:

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:

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.

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. Check notes 7 (c)

Form M. F. - 100

1. Materials produced:

(a) Copper, Brookite, Rutile.

(b) Molybdenum.

2. Name - Zinc Mountain Nos. 1 through 15 inclusive.
Type - Drilling, shaft and crossdut or tunnel. Prospect for underground higrade or open pit low grade and leaching operation. Some surface and shallow seepage. Needs water development.

(a) 1 - Caved shaft 10' Open at No. 6.
1 - " " " " " " 12.
1 - At No. 14 - New work 18'.
Production unknown.

(b) None.

(c) 1 at No. 6 - 40'.
2 at No. 12 - 60' and 30'.

(d) Open cuts on all claims, locatiom work.

3. Located 1¼ miles S. W. of Bagdad open pit and 33 miles N. W. of Hillside (shipping point), in the Eureka Mining District, Twp. 14 N. R. 9 W, Sections 6 and 7 in Yavapai County, Arizona.

4. Property is being prospected by owners.

5. No known production.

6. V. Rossi - 40 years experience; purchased, developed, mined Copper King and Copper Queen Mines; leased and mined Old Dick and numerous other properties in Arizona and Utah.

Tom Le Noire - Mined at Inspiration;;2 years at C. and A. at Bisbee; 2 years mining and prospecting Tip Top district in Arizona; 20 years odd time prospecting in Arizona.

Gus Leth - 20 years part time prospecting weatern states and Canada; 7 years full time prospecting and mining in Arizona; diamond drill and churn drill experience..

7. History -
(a) Surface prospecting as indicated in previous questions; probably some higrading; considerable low grade (up to 3% CU) exposed.

(b) Bagdad open pit, 1¼ miles N. E. (3500 T. P. D.).
Copper King ½ mile East, approximately 400 car loads lead, zinc and copper ore shipped.
Copper Queen 2 miles S. E., produced 1000 tons lead, zinc, copper. Recently diamond drilled and purchased from V. Rossi by Cyprus Mines Corp.
Old Dick produced 7 years up to 2 cars per day; lead, zinc and copper. Still operating.
Mountain Spring produced approximately 500 tons lead, zinc and copper.

Mommouth adjoining West end Zinc Mountain No. 15; 600' underground work; production unknown.

7

7. (c) We aquired this property July 4, 1953. Built and improved 2 miles of road to and on the property. Sank an 18' shaft in a fracture in porphyry comparable to and possibly same stock as Bagdad Pit, showing water seepage CU sulphate, carbonate and some native copper on the surface. At 15' shows a trace of chalcopyrite; some carbonate and considerable pyrite. Outcropping above this shaft on the same wash and two adjoining washes is a breccia of Ryolite and porphyry cemented with iron and copper oxide and carbonate. We drilled a point or this outcrop between two washes with an air drill and long steel. The ore body is up to 8' in depth and has a potential of being 1000' in length by up to 100' in width. Our drill cuttings ran 2½% to 3% CU oxide.

We would like to have advice as to feasability of leaching this ore. Potential depth of overburdon up to 8'. Drilling encountered water and some iron pyrite at 16' to 20'. Potential drill site.

At claim No. 6 some 2000' N. and on the strike of this ore body a tunnel cuts 10' of similar breccia, (3% CU) 20 Of ryolite, trace CU, (chrysocola) and 10' of porphyry, trace CU. A caved shaft at tunnel adit shows 10' of breccia. Would be potential drill site.

At claim No. 12 a 60' tunnel on a schist ryolite contact shows chrysocola, oxide and traces of chalcocite. A caved shaft at adit, (10' open) is on a 2' cross fracture. Another tunnel (30) cross cut small veins of chrysacola and oxide. Near this is a schist outcrop some 20' by 100' showing CU carbonate and grey copper. 4 24" assays picked ont surface ran 0.6% to 2.25% CU. Should average near 1% CU. Possible drill site.

Claim No. 8 shows an 8' vein of iron titanium. Drill site for brookite and rutile.

Claim Nos. 1 and 2 - Open cuts in FE - TI. Drillsite for brookite rutile.

The other claims are open cut assesment holes mostly in iron stained ryolite.

13. Access roads: - ½mile improved to camp; 7 miles improved to Bagdad road; 26 miles oiled to Hillside shipping point.

14. Water supply; - Not enough developed for mining or leaching.

15. Power: - None used. Hi-line through property.

16. Labor: - None hired.

17. Equipment and facilities;- Have camp facilities ½ mile from property.
1 - 105 portable compressor - good condition. (Le Roi)
1 - 125 CFM I. R. portable compressor. Good condition.
1 - 90 CFM I. R. Portable compressor. Good condition.
Drill steel; hand tools; rail; pipe; cars; hose; 2 air hammers; posts etc., etc. 3 pickups - 1 -1½ton flat bed with hoist.

18. None.

(*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)	600	2% CU	$12.	?	?
Indicated (probable)	15,000	2% CU	$12.	?	?

(*c*) If placer:

(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.

Rossi, Leth & LeNoir
(Name of company)

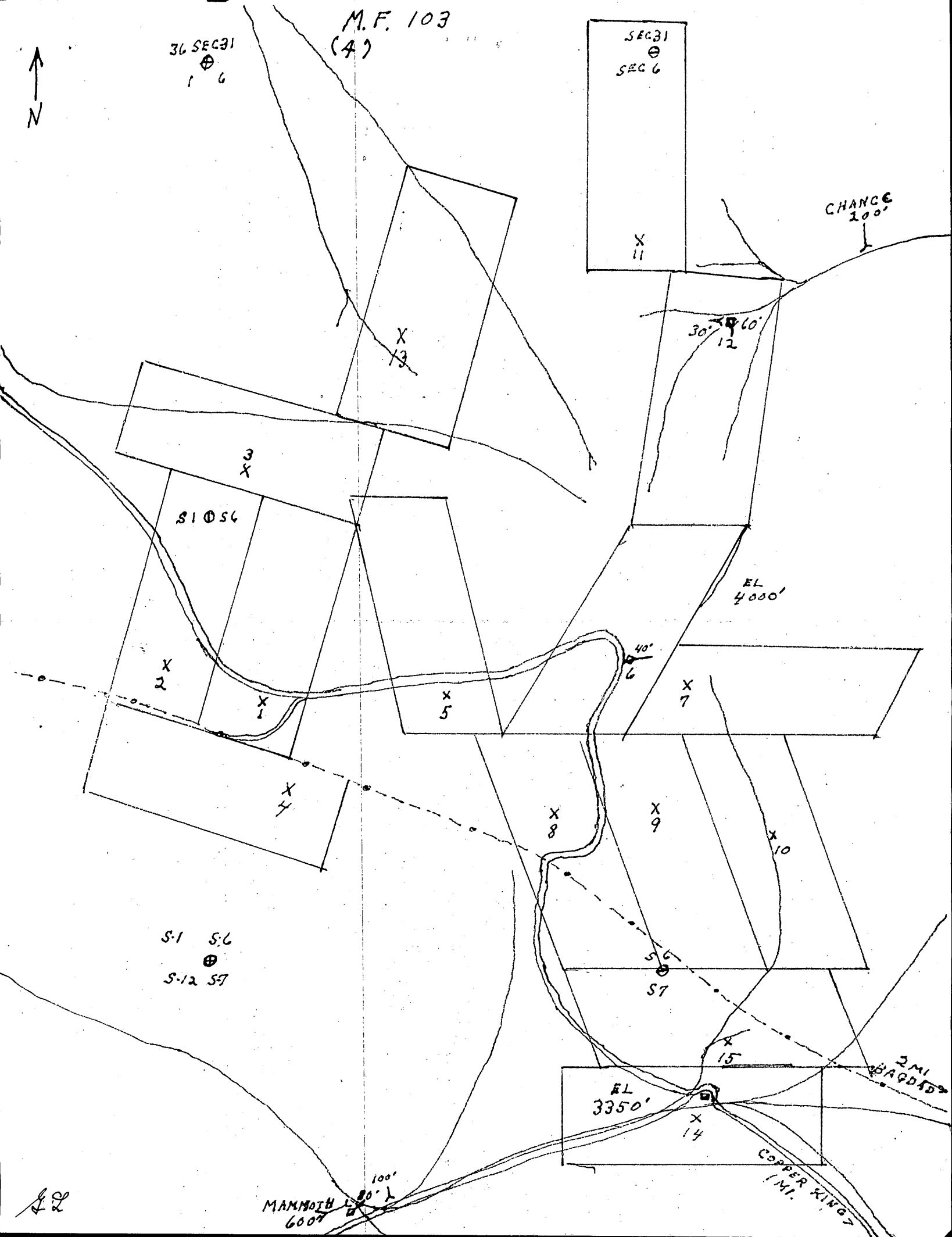
By Gus O. Leth
(Signature of authorized official)

May 24, 1954.
(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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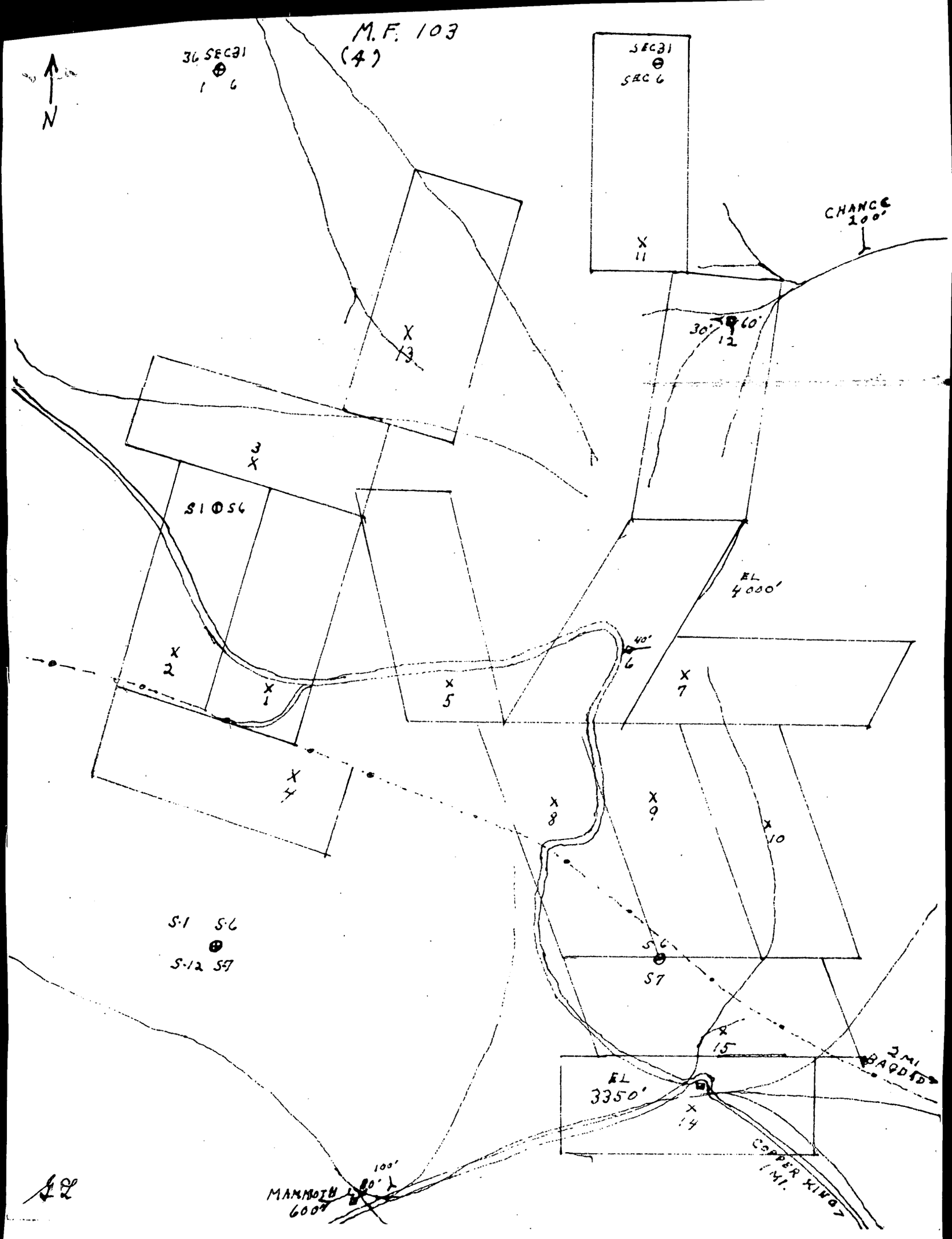
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
COLLEGE PARK, MARYLAND

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