DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. ~~1164X~~

To: Reports and Records Branch

From: ~~Copper Branch, Supply Division~~

Date: ~~7/18/51~~

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

Forwarded to ~~Coordinating Committee to be referred to Field Team, Region III~~

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $ _____

Other action, specify:

Interior—Duplicating Section, Washington, D. C.

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1164K

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

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

Routing Slip

To:	Mr. Gowen	Date	
To:	Mr. Lyon	Date	7/18/51
To:	Coordinating Committee	Date	7/20/51
To:	Field Team, Region III	Date	7/20/51
To:	Mr. Lyon	Date	9/24/51
To:	REPORTS AND RECORDS	Date	SEP 26 1951
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

200

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

FEB 13 1952

Mr. Peter Moser
c/o Herman Miller
217 North Main Street
Las Vegas, Nevada

Dear Mr. Moser:

This office is in receipt of a communication from Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, requesting that we forward to you the mining engineer's preliminary report which was submitted with your application for exploration assistance, under Docket No. DMA-1164.

In accordance with this request, there is enclosed herewith the report requested.

Sincerely yours,

ROBERT E. ADAMS

R.E.A. 2-13-52

Robert E. Adams
Acting Administrative Officer
Defense Minerals Exploration
Administration

Enclosure

READAMS/meb
2-13-52
Copy to: Adm.Reading File
Mails & Files
H.C.Miller,Reg.III

OFFICE OF THE ADMINISTRATOR

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

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

Office of
Executive Officer
DMEA Field Team
Region III

February 5, 1952

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Application of Peter Moser for Exploration Loan, Docket DMA-1164

On May 9, 1951, I sent to your office a report on the Mustang Group Mining Property, Esmeralda County, Nevada, which was sent to us by Mr. Peter Moser to support his application for an exploration loan for $5,000.

As per your letter to Mr. Moser dated September 27, signed by Mr. Tom Lyon, the application was denied. Mr. Moser now writes me under date of January 31, requesting the return of his mining engineer's report. He asks that it be sent to:

Mr. Peter Moser
c/o Herman Miller
217 North Main Street
Las Vegas, Nevada

Your prompt attention to this matter will be appreciated.

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

Copy to Mr. Peter Moser

Defense Minerals Exploration Administration

FEB 11 1952

FILE COPY
SURNAME:

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

Gowen
Lyon
Moser

JUL 20 1951

Mr. Peter Moser
P. O. Box 176
Goldfield, Nevada

Re: Docket No. DMA-1164X

Dear Mr. Moser:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

JHAlt:jp

Copy to: Executive Officer, DMA Field Team, Region III (2)
Reports and Records Branch
Administrator's Reading File
Coordinating Committee
J. B. Gowen
Charles H. Johnson
D. Mac Laren
Files

Dmr 1164

856

FILE COPY
SURNAME:

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

May 16, 1951

Mr. Moser
P. O. Box 176
Goldfield, Nevada

Subject: DMA 1164X
Re: Exploration Loan -
Mustang Group Mining Property

My dear Mr. Moser:

Receipt is acknowledged of your application and attachments of April 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1164X and referred to Mr. J. B. Gowen, Chief, Copper Branch on May 14, 1951.

In any future correspondence relating to your application kindly refer to DMA 1164X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L.F. Strobel:mab
cc: Strobel-2
Files
Gowen
Lyon

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1164X

Date received 5/14/51

Participation

Peter Moser
P.O.B. 176 Goldfield Nev.
Name and address of applicant

Date April 26. 1951

FILL IN THIS BLOCK

Date of application April 26 1951

Estimated cost 5000 $

Mineral or metal Copper and Silver.

Percentage of Government participation 50 %

Location of mine 12 Miles Northwesterly of Goldfield Nevada Esmeralda County and 5 Miles Westerly of Montgomery

Date of filing MF-100 April 26. 1951

DMA Docket Number, if available Dma-1164X

Dma 1164 (Ref. 911)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners. Mrs. Mary Moser is the other

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project Peter Moser 25 years mining experience

*5. Are you the owner or the lessee of the property? Mrs Mary Moser is the owner.

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. no

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

9-56

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. my Tunnel is onbot in the center of the Ore Shoot

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

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. Mustang Claim

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 100 Miles to mine S.P.R.R.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. no Water
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. no Building on the ground.

15. State in detail how the ore could be shipped and how and where milled. Trucking to the gill Smelter

*16. History: or. sendet to mine and ship to Salt Lack Utha S.P.R.R.

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. 200 feet tunnel to low grade on the service

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

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

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) not for Commercial purpes

(*a*) Describe the ore or mineral deposits briefly. manganiet Greenat and Copper

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves. 2% Copper 8 Ozs Silver

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper Silver

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200 Working Days

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 Miner $15 a Day

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. Misel. $15 a Day

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings $200

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Rails pipe Ore Car $300

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $500

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above. powder Water gasoline 1000

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 2 Men 100 Working Days $3000

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.

(Name of company)

By Peter Moser
(Signature of authorized official)

April 26 1951
(Date)

Miner Operator
(Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma - 1164 X

Date received April 29. 1951

Peter Mosa
POB 176 Goldfield Nev.
Name and address of applicant

Date April 29. 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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: non
   (a) What are the chief mine, mill, or smelter products? non
   (b) What are the byproducts, if any? silica
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. 8
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits. 200
   (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. no Water
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. mine N. 100 Miles S.P.R.R.
   (b) Mining district. Montezuma
   (c) Township, Section, Range.
   (d) County, State. Esmeralda Nevada
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. No
   (b) Are you operating this property as:
   - [x] Owner. Mary Mosa wife
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production reloaded the mine 1945

   If not in production or operation, estimated date when production will begin 1 June 1951 or before
6. Experience of operators: Peter Mosa Lessee and Contracting

   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Peter Mosa.
7. History: I am working — Butte Montana Copper Mines also Gold mines and tunnels for 25 years.
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. I just got the money to operate
   (b) State briefly the known history and production of adjoining and neighboring properties. Montezuma Mine
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

16—63792-1

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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.

(*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:

(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.

_____ (Name of company)

By _____ (Signature of authorized official)

_____ (Date)

_____ (Title)

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

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

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1164X, Mustang Copper Claim

Esmeralda County, Nev.

E. J. Matson, Mining Engineer
U. S. Bureau of Mines

August 31, 1951

DOCKET DMA-1164X

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

MUSTANG COPPER CLAIM
Esmeralda County, Nev.

SUMMARY

The Mustang copper claim is in the Montezuma Mining District and about 19 miles westerly from Goldfield, Nev.

The structural feature in the area is a strong shear zone in limestone with inclusions of quartz bodies containing minor amounts of green copper oxide staining with some malachite and chrysocolla mineralization.

An adit was driven into the hillside to intersect the mineralized zone 75 feet below the indications at the surface. No improvement in the mineralization was found in the adit and there is no indication on which to base the assumption that the mineralization would improve at greater depth.

No ore shipments have been made from the property due to the low grade tenure of the mineralization.

No Federal exploration assistance is recommended.

INTRODUCTION

The Mustang copper claim was examined by an engineer[1/] of the Bureau of Mines on August 7 and 8, 1951 in response to an application for exploration assistance. The docket number of the application is DMA-1164X and the commodity is copper.

1/ E. J. Matson.

LOCATION

The Mustang copper claim is located in the Montezuma Mining District in east central Esmeralda County, Nev. Without a survey, the exact location difficult to pin point, however it is believed to be in sec. 18, T. 2 S., R. 41 E. It is reached by traveling north from Goldfield on paved U. S. Highway 95 for a distance of 4 miles; thence westerly 12½ miles over a partially graded road to the turn-off leading to the property; thence 2½ miles southeasterly over an ungraded desert road to the mine. (Fig. 1) Total distance from Goldfield to the mine is 19 miles.

OWNERSHIP AND HISTORY

The history of the property is somewhat vague as to dates of original locations and by whom.

It seems that property was originally located by a doctor from Tonopah, Nev., who drove the main adit and did most of the pioneer work. He later relinquished his holdings and the claims reverted back to the State.

In 1946 the property was relocated by Peter Moser in the name of his wife, Mrs. Mary Moser of Goldfield, Nev. Four claims were relocated at that time, namely, the Spot, Mustang, Coyuse, and Bronco. Later the Mosers relinquished their holdings on three of the claims but retained possession of the Mustang claim on which the adit or main workings are located.

Very little has been done on the property by the present owner, except the required assessment work.

DEVELOPMENT

The development comprises one adit 216 feet long with a shallow winze extended into a short raise (figs. 2 and 3), and an open cut on surface 25 feet long, 5 feet wide, and 4 feet deep on one end and 12 feet deep at the other.

PHYSICAL FEATURES

The Mustang copper claim is at the northern end of the Montezuma mountain range at an elevation of about 5,700 feet. It is on the east slope of a north-south ridge with a round-about western drainage towards Clayton Valley.

The area is devoid of vegetation except for a few Yucca trees and desert sage. It is typical of the desert regions with hot, dry summers and mild winters.

No source of water has been developed at or near the property.

DESCRIPTION OF THE DEPOSITS

The country rock in the area is limestone. The main structural feature is a north-south shear zone with inclusions of quartz bodies which contain copper carbonate mineralization. The mineralization is associated with the quartz and is probably a later stage of the siliceous bearing solutions because all the quartz bodies do not contain copper mineralization.

On the surface, two small pits were dug on the mineralized zone. The northernmost pit has a dip of about 80° to the west on the hanging wall side (fig. 2) while the footwall side seems to be frozen to the limestone with no definite wall. The quartz filling in the

zone is strongly cross fractured and contains considerable green copper stain. Mineralization in the pit consists of malachite and chrysocolla with no sulphides.

The other surface pit, about 20 feet south, contains quartz inclusions but no copper mineralization.

The shear zone on surface can be traced several hundred feet north and south of the pits, but no further copper mineralization was noted. Other quartz bodies in the zone were inconspicuous or lacking.

In the adit a siliceous zone was noted about 166 feet in from the portal with green copper stining containing malachite and chrysocolla mineralization comparable to the surface pit. A short winze which extended into a raise on this zone was excavated here (fig. 3). The strike was the same as the surface showings, but the dip of the adit zone was about 60° easterly. This zone may be a continuation of the surface showing with the change in dip cuased by warping of the zone, by metamorphic pressure. Also some off-setting of the zone could be caused by faulting.

Two faults were noted, neither of which showed any mineralization. One fault was about 12 feet east of the winze with practically the same dip and strike as the winze zone. The other fault was about 18 feet from the face of the adit with the same strike as the winze zone but with a vertical dip. Both faults had slickensides and ground up , brecciated material indicating movement. The interesting feature of the fault near the face of the drift was that it was more of an open crevice with an inch or two of open space in places and from which cold fresh air could be detected passing through.

SAMPLING

Only two places were worthy of sampling; one was in the surface pit and the other in the winze. Neither place contains much copper. Results of the sampling are as follows:

Sample No.	Width	% Cu	Place
1	3.5	0.26	Surface pit
2	2.0	0.28	Winze

Sample locations are shown on figure 2.

CONCLUSIONS

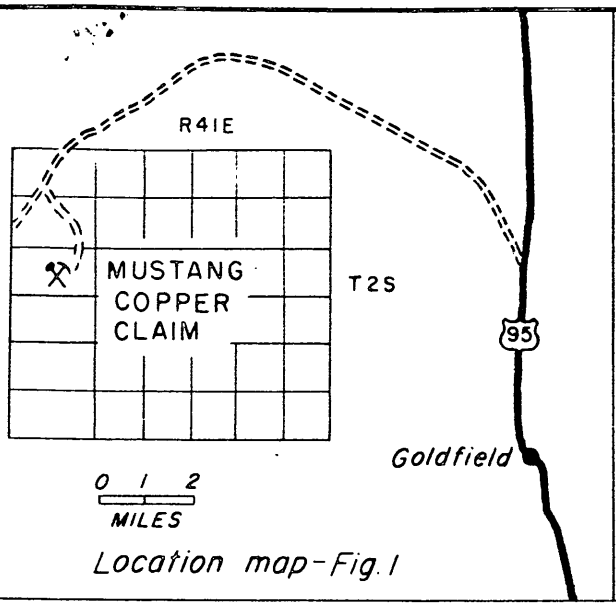
1. No ore reserves of note are on the property.

2. Mineralization consists of copper oxides and silicates, namely, malachite and chrysocolla and is of very low grade and limited in scope.

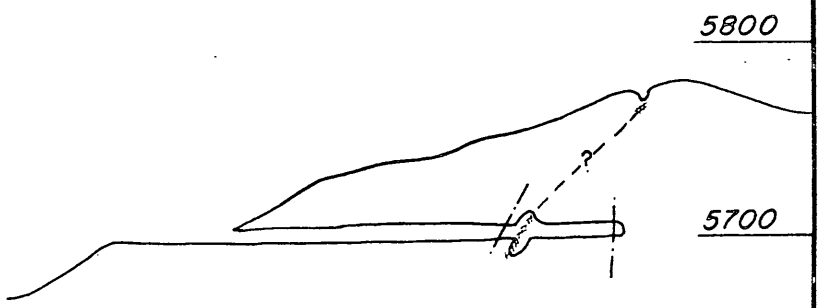
3. No further consideration by the Bureau is recommended.

4. In regard to the exploration aid as requested by the applicant: The applicant feels that he could not participate in a 50-50 percent Government aid program, whereby he furnishes 50 percent of the cost and the Government the other 50 percent, even though the property would merit further exploration.

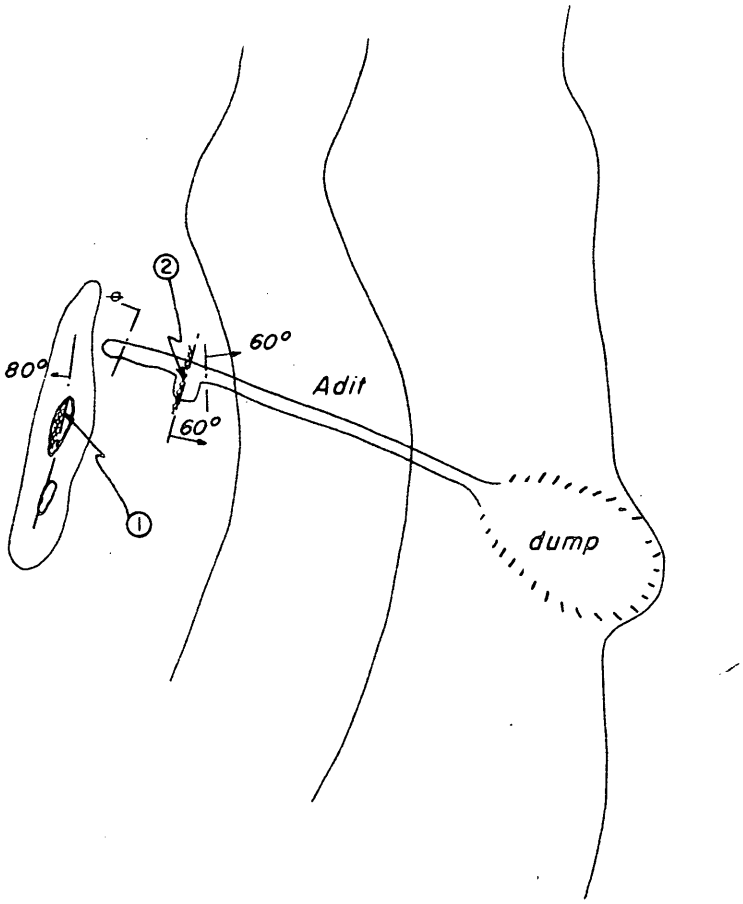
5. The applicant's reaction to the loan request was that he really had not planned upon demanding an exploration loan; he only wanted the Bureau to examine the property and keep it on record in the event the need for copper becomes very critical.



Location map-Fig. 1



X-section through adit
Figure 3



Plan - Fig. 2

Sampling

No.	Width	% Cu
1	3.5	0.26
2	2.0	0.28

Explanation

- Shear zone or fault
- Vertical dip
- Waste dump
- Surface pit
- Sample location
- Copper mineralization

0 50 100 150
FEET

Mustang Copper claim, Esmeralda County, Nevada

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION XII

DMA-1164X, Mustang Copper Claim

Esmeralda County, Nev.

E. J. Matson, Mining Engineer
U. S. Bureau of Mines

August 31, 1951

DOCKET DMA-1164X

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

MUSTANG COPPER CLAIM
Esmeralda County, Nev.

SUMMARY

The Mustang copper claim is in the Montezuma Mining District and about 19 miles westerly from Goldfield, Nev.

The structural feature in the area is a strong shear zone in limestone with inclusions of quartz bodies containing minor amounts of green copper oxide staining with some malachite and chrysocolla mineralization.

An adit was driven into the hillside to intersect the mineralized zone 75 feet below the indications at the surface. No improvement in the mineralization was found in the adit and there is no indication on which to base the assumption that the mineralization would improve at greater depth.

No ore shipments have been made from the property due to the low grade tenure of the mineralization.

No Federal exploration assistance is recommended.

INTRODUCTION

The Mustang copper claim was examined by an engineer[1] of the Bureau of Mines on August 7 and 8, 1951 in response to an application for exploration assistance. The docket number of the application is DMA-1164X and the commodity is copper.

1/ E. J. Matson.

LOCATION

The Mustang copper claim is located in the Montezuma Mining District in east central Esmeralda County, Nev. Without a survey, the exact location difficult to pin point, however it is believed to be in sec. 18, T. 2 S., R. 41 E. It is reached by traveling north from Goldfield on paved U. S. Highway 95 for a distance of 4 miles; thence westerly 12½ miles over a partially graded road to the turn-off leading to the property; thence 5½ miles southeasterly over an ungraded desert road to the mine. (Fig. 1) Total distance from Goldfield to the mine is 18 miles.

OWNERSHIP AND HISTORY

The history of the property is somewhat vague as to dates of original locations and by whom.

It seems that property was originally located by a doctor from Tonopah, Nev., who drove the main adit and did most of the pioneer work. He later relinquished his holdings and the claims reverted back to the State.

In 1946 the property was relocated by Peter Moser in the name of his wife, Mrs. Mary Moser of Goldfield, Nev. Four claims were relocated at that time, namely, the Spot, Mustang, Coyote, and Bronco. Later the Mosers relinquished their holdings on three of the claims but retained possession of the Mustang claim on which the adit or main workings are located.

Very little has been done on the property by the present owner, except the required assessment work.

DEVELOPMENT

The development comprises one adit 216 feet long with a shallow winze extended into a short raise (figs. 2 and 3), and an open cut on surface 25 feet long, 5 feet wide, and 4 feet deep on one end and 12 feet deep at the other.

PHYSICAL FEATURES

The Mustang copper claim is at the northern end of the Montezuma mountain range at an elevation of about 5,700 feet. It is on the east slope of a north-south ridge with a round-about western drainage towards Clayton Valley.

The area is devoid of vegetation except for a few Yucca trees and desert sage. It is typical of the desert regions with hot, dry summers and mild winters.

No source of water has been developed at or near the property.

DESCRIPTION OF THE DEPOSITS

The country rock in the area is limestone. The main structural feature is a north-south shear zone with inclusions of quartz bodies which contain copper carbonate mineralization. The mineralization is associated with the quartz and is probably a later stage of the siliceous bearing solutions because all the quartz bodies do not contain copper mineralization.

On the surface, two small pits were dug on the mineralized zone. The northernmost pit has a dip of about 80° to the west on the hanging wall side (fig. 2) while the footwall side seems to be frozen to the limestone with no definite wall. The quartz filling in the

zone is strongly green fractured and contains considerable green copper stain. Mineralization in the pit consists of malachite and chrysocolla with no sulphides.

The other surface pit, about 20 feet south, contains quartz inclusions but no copper mineralization.

The shear zone on surface can be traced several hundred feet north and south of the pits, but no further copper mineralization was noted. Other quartz bodies in the zone were inconspicuous or lacking.

In the adit a siliceous zone was noted about 168 feet in from the portal with green copper staining containing malachite and chrysocolla mineralization comparable to the surface pit. A short winze which extended into a raise on this zone was excavated here (fig. 3). The strike was the same as the surface showings, but the dip of the adit zone was about 60° easterly. This zone may be a continuation of the surface showing with the change in dip caused by warping of the zone, by metamorphic pressure. Also some off-setting of the zone could be caused by faulting.

Two faults were noted, neither of which showed any mineralization. One fault was about 12 feet east of the winze with practically the same dip and strike as the winze zone. The other fault was about 18 feet from the face of the adit with the same strike as the winze zone but with a vertical dip. Both faults had slickensides and ground up , brecciated material indicating movement. The interesting feature of the fault near the face of the drift was that it was more of an open crevice with an inch or two of open space in places and from which cold fresh air could be detected passing through.

SAMPLING

Only two places were worthy of sampling; one was in the surface pit and the other in the winze. Neither place contains much copper. Results of the sampling are as follows:

Sample No.	Width	% Cu	Place
1	3.5	0.26	Surface pit
2	2.0	0.28	Winze

Sample locations are shown on figure 2.

CONCLUSIONS

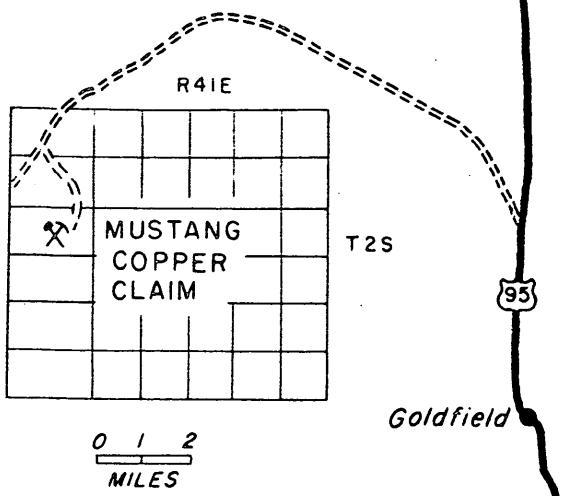
1. No ore reserves of note are on the property.

2. Mineralization consists of copper oxides and silicates, namely, malachite and chrysocolla and is of very low grade and limited in scope.

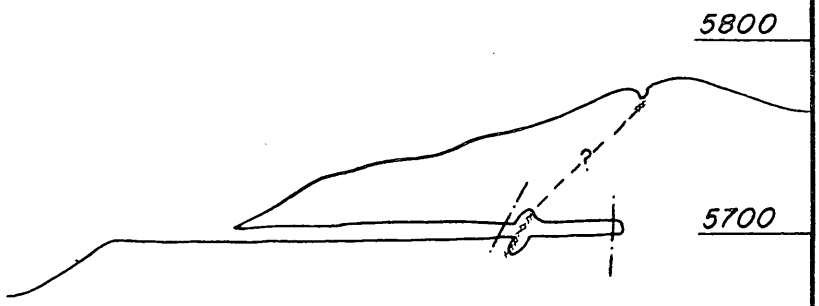
3. No further consideration by the Bureau is recommended.

4. In regard to the exploration aid as requested by the applicant: The applicant feels that he could not participate in a 50-50 percent Government aid program, whereby he furnishes 50 percent of the cost and the Government the other 50 percent, even though the property would merit further exploration.

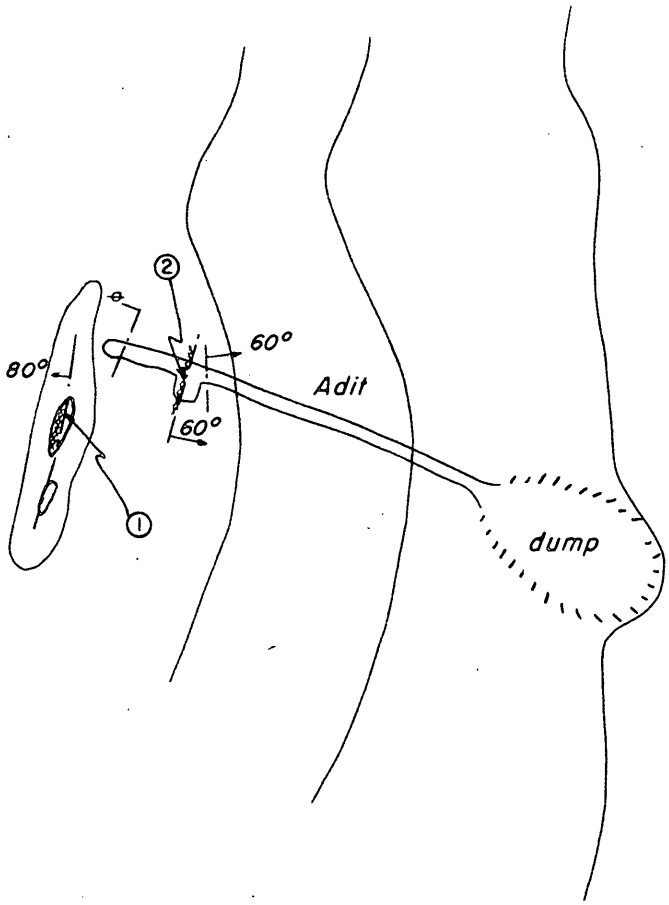
5. The applicant's reaction to the loan request was that he really had not planned upon demanding an exploration loan; he only wanted the Bureau to examine the property and keep it on record in the event the need for copper becomes very critical.



Location map-Fig. 1



X-section through adit
Figure 3



Plan - Fig. 2

Sampling

No.	Width	% Cu
1	3.5	0.26
2	2.0	0.28

Explanation

- Shear zone or fault
- Vertical dip
- Waste dump
- Surface pit
- Sample location
- Copper mineralization

0 50 100 150
FEET

Mustang Copper claim, Esmeralda County, Nevada

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

SEP 26 1951

not stripped in RR.

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Application for exploration aid of Mr. P. Moser, P. O. Box 176, Goldfield, Nevada, DMA-1164X, Commodity-Copper

Denial of this application is recommended by Field Team Region III for the following reasons:

1. No ore reserves of note are on the property.

2. Mineralization consists of copper oxides and silicate namely, malachite and chrysocolla and is of very low grade and limited in scope.

3. No source of water has been developed at or near the property.

4. The applicant does not feel he could match the Government's share of the project.

5. The applicant only wanted the Bureau of Mines to examine the property and keep it on record in the event the need for copper becomes very critical.

A letter has been prepared to the applicant notifying him of this denial.

Transmitted herewith for your disposal is the entire file consisting of the following:

3 MF-100
3 MF-103
2 DMA Review of Application for Exploration Assistance
1 Report of Prelimary Examination of the Mustang Group Mining Property
1 USGS Geologic Map

1 General Highway map of Esmeralda County, Nevada
2 Field Team Reports dated August 31, 1951
1 Form letter from Tom Lyon to H. C. Miller, July 20, 1951
3 Carbon letters to Mr. Moser from
    L. F. Strobel, May 14, 1951
    Tom Lyon, July 20, 1951
    A. C. Johnson, August 2, 1951
3 Original letters from H. C. Miller to DMA
    May 8, 1951
    May 9, 1951
    September 10, 1951
1 Letter from A. N. Clark to Mary, September 24, 1926
1 Original letter for V. C. Fryklund to L. F. Strobel
    July 12, 1951
1 DMA Status Change Notice

Tom Lyon

Tom Lyon, Director
Supply Division

Attachments

om Lyon

KVNaugh:rw
9-24-51

Copy to: Administrator's Reading File
Executive Officer, DMA Field Team III
J. B. Gowen
C. H. Johnson
D. MacLaren
Files - DMA Docket

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

not stripped in RKR.

SEP 26 1951

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Application for exploration aid of Mr. P. Meser, P. O. Box 176, Goldfield, Nevada, DMA-1164X, Commodity-Copper

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3. No source of water has been developed at or near the property.

4. The applicant does not feel he could match the Government's share of the project.

5. The applicant only wanted the Bureau of Mines to examine the property and keep it on record in the event the need for copper becomes very critical.

A letter has been prepared to the applicant notifying him of this denial.

Transmitted herewith for your disposal is the entire file consisting of the following:

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    L. F. Strobel, May 14, 1951
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    May 9, 1951
    September 18, 1951
1 Letter from A. H. Clark to Mary, September 24, 1926
1 Original letter for V. C. Fryklund to L. F. Strobel
    July 12, 1951
1 DMA Status Change Notice

Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

HWaugh:rw
9-21-51

Copy to: Administrator's Reading File
Executive Officer, DMA Field Team III
J. E. Gowen
C. H. Johnson
D. Maclaren
Files - DMA Docket

August 2, 1951.

Mr. Peter Moser
P. O. Box 176
Goldfield, Nevada

Dear Mr. Moser:

Your application for exploration assistance, Docket No. DMA-1164X, on the Mustang Group mining property has been brought to the attention of this office.

Mr. E. J. Matson, an engineer from this office, will be in the vicinity of Tonopah and Goldfield during the week of August 6 - 10, 1951. It would be appreciated if you would leave a note with the clerk at the Mizpah Hotel so that Mr. Matson can contact you in order to make arrangements for you to accompany him to your copper property. He probably will be available to make the examination on August 8.

Very truly yours,

A. C. Johnson
Chief, Mining Division
Region III

FILE COPY
SURNAME:

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

SEP 27 1951

Mr. F. Moser
P. O. Box 176
Goldfield, Nevada

Re: Docket No. DMA-1164

Dear Mr. Moser:

Your application for an exploration aid has been reviewed by the Defense Minerals Administration and we are sorry to inform you that it must be denied.

On the basis of the material submitted with your application and the material available to the Government it is felt that the geological possibilities are not as much as to justify Government participation in an exploration project at this time.

We thank you for your interest in the Defense Program and in bringing this property to our attention.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

HVaughan
9/25/51

Copy to: Administrator's Reading File
Executive Officer, Region III
J.B.Gowen
C.H.Johnson
D.MacLaren
Files - DMA Docket

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

SEP 26 1951

a. E. C.

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Application for exploration aid of Mr. P. Moser, P. O. Box 176, Goldfield, Nevada, DMA-1164X, Commodity-Copper

Denial of this application is recommended by Field Team Region III for the following reasons:

1. No ore reserves of note are on the property.

2. Mineralization consists of copper oxides and silicate namely, malachite and chrysocolla and is of very low grade and limited in scope.

3. No source of water has been developed at or near the property.

4. The applicant does not feel he could match the Government's share of the project.

5. The applicant only wanted the Bureau of Mines to examine the property and keep it on record in the event the need for copper becomes very critical.

A letter has been prepared to the applicant notifying him of this denial.

Transmitted herewith for your disposal is the entire file consisting of the following:

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    L. F. Strobel, May 16, 1951
    Tom Lyon, July 20, 1951
    A. C. Johnson, August 2, 1951
3 Original letters from H. C. Miller to DMA
    May 8, 1951
    May 9, 1951
    September 10, 1951
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1 Original letter for V. C. Fryklund to L. F. Strobel
    July 12, 1951
1 DMA Status Change Notice

Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

310

FILE COPY
SURNAME:

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

not stripped in RAR.

SEP 26 1951

Q.E.C.

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Application for exploration aid of Mr. P. Moser, P. O. Box 176, Goldfield, Nevada, DMA-1164X, Commodity-Copper

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    July 12, 1951
1 DMA Status Change Notice

Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

RWVaugh:rw
9-24-51

Copy to: Administrator's Reading File
Executive Officer, DMA Field Team III
J. B. Gowen
C. H. Johnson
D. MacLaren
Files - DMA Docket

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

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 23 1951
SAN FRANCISCO, CALIFORNIA

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

JUL 20 1951

Refer to	Rec'd	Date
Answered		

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA-1164X

Commodity Copper

Applicant Mr. Peter Moser, P. O. Box 176, Goldfield, Nevada

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Sam Lyon.
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Olof T. Rorr
For Geological Survey

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

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

JUL 20 1951

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA-1164X

Commodity Copper

Applicant Mr. Peter Moser, P. O. Box 176, Goldfield, Nevada

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon

Chairman
Coordinating Committee

Lowell B. Moon

For Bureau of Mines

Olaf N. Rove

For Geological Survey

Mr. Peter Moser
P. O. Box 176
Goldfield, Nevada

Re: Docket No. DMA-11642

Dear Mr. Moser:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. M. C. Miller, Executive Officer, DMA Field Team, Region III, 1312 Flood Building, 870 Market Street, San Francisco 2, California.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

JMAlt:jp

Copy to: Executive Officer, DMA Field Team, Region III (2)
Reports and Records Branch
Administrator's Reading File
Coordinating Committee
J. B. Owen
Charles H. Johnson
D. Mac Laren
Files

a.E.c

JUL 2

Mr. Peter Moser
P. O. Box 175
Goldfield, Nevada

Re: Docket No. DMA-1164X

Dear Mr. Moser:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

JWAlt:jp

Copy to: Executive Officer, DMA Field Team, Region III (2)
Reports and Records Branch
Administrator's Reading File
Coordinating Committee
J. B. Gowen
Charles H. Johnson
D. Mac Laren
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 12, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D.C.

Dear Mr. Strobel:

Enclosed is the docket material for DMA 1164X. By error it was enclosed with material sent to this office.

Yours sincerely,

V. C. Fryklund

V. C. Fryklund
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosure

DEPARTMENT OF THE
Defense Minerals Ad
RECEIVED
JUL 16 1951
LANDON F. STROBEL
Executive Secretary

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1164-X

Commodity COPPER

Total Amount $5000

Govt. Participation 50% - $2500

1. Name and Address of Applicant MR. Peter Moser
P.O. Box 176 GOLDFIELD, NEVADA

2. Location of Property 12 MILES N.W. OF GOLDFIELD, Esmeralda
COUNTY NEVADA

3. Mineral or metal COPPER 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 ✓

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 OWNER
(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)* Yes

d) Water (question 13)* No

e) Power (question 13)* Yes

Is a field check needed on any of these points? WATER SUPPLY & POWER

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* HE DOES NOT ANSWER THIS QUESTION, doubtful

Is a field check needed on this point? YES

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

a) Is the project adequately described? No - DOESNT STATE PROJECT

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? HE DOES NOT STATE HIS PROJECT

If not, what part of it is? —

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? No-His wages are more than total loan

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? ?

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? ?

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? —

d) Is a field check needed? Yes

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

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? ? (Don't know what he proposes to do)

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

d) Are the proposed wages and salaries reasonable? No, excessive

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? NO REPAIRS REQUIRED

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? SEE 13 b

(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? Applicant's answers to questions 21 and 24 on Form MT-103 differ - this should be corrected.

The report by Addison McClard submitted by applicant is of little value in appraising the prospect. There is no USGS or B. of M. report on it. Therefore, F.T. should have it examined, but at its convenience, as it does not rate a high priority on basis of evidence submitted

Reviewed by: [illegible]

[illegible]

[illegible]

Date 7/3

97692

May 16, 1951

Mr. Moser
~~P. O. Box 176~~
Goldfield, Nevada

Subject: DMA 1164X
Re: Exploration Loan -
Mustang Group Mining Property

My dear Mr. Moser:

Receipt is acknowledged of your application and attachments of April 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1164X and referred to Mr. J. B. Gowen, Chief, Copper Branch on May 14, 1951.

In any future correspondence relating to your application kindly refer to DMA 1164X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L.F. Strobel:mmb
cc: Strobel-2
Files
Gowen
Lyon

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1164 X

Date received 5/14/51

Participation

Peter Moser
POB. 176 Goldfield
Nevada

Name and address of applicant

Date 26. April 1951

FILL IN THIS BLOCK

Date of application 26. April 1951

Estimated cost 5000 $

Mineral or metal Copper and Silver.

Percentage of Government participation 50 %

Location of mine 12 Miles Nord west of Goldfield Esmaralda County ouba 5 miles Nord of montezuma

Date of filing MF-100 26 April 1951

DMA Docket Number, if available Dma-1164 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners. Miss Mary Moser my Wife

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? my Wife is the owner Mary Moser.

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. non

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. my tunnel is only in the Center of the Ore Shoot

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

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. Mustang Claim

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 100 Miles to Minas S.P. R.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. no Water
State amount of power to be used, rate per hour or other cost, and source. power line only 2 Miles from the Prem

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. no Building on the ground.

15. State in detail how the ore could be shipped and how and where milled. trucking to Mc Gill ore sorter

*16. History: to Minas Nevada and Shipped to Salt Lake R.R.

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. 200 ft tunnel to low grade on the surface

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

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

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) not for Comercial purpes

(*a*) Describe the ore or mineral deposits briefly. wrongin it Country gravel

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves. 2% Copper 8 ons Silver

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper Silver

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200 working days

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 Miner $15 a Day

(*b*) Supervisors, by numbers and positions, with salaries of each. myself $15 " "

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. non

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $200

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Rails on pipe Ore Car.

(*f*) Cost of rental for equipment which the operator proposes to rent. $300

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $500

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above. Powder Water gas $1000

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company) By Peter Moser (Signature of authorized official)

29 April 1951 (Date) Miner operator (Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1164X

Date received 5/14/51

Participation

Peter Moser
POB 176. Goldfield
Nevada

Name and address of applicant

Date April 26. 1951

FILL IN THIS BLOCK

Date of application April 26. 1951

Estimated cost 5000. $.

Mineral or metal Copper and Silver.

Percentage of Government participation 50%.

Location of mine 12 Miles Northwesterly of Goldfield Esmaralda County on but 5 miles Northerly from mountain

Date of filing MF-100 April 26. 1951

DMA Docket Number, if available Dma-1164 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners. Mrs Mary Moser my Wife.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Mrs Mary Moser is the owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. no

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. my tunnel is on but in the center of the Oro Shot.

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

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. Mustang Claim

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 100 Miles to Mina S.P.R.R.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. no Water
State amount of power to be used, rate per hour or other cost, and source. power line is on but 2½ mil one

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. no Buildings on the ground.

15. State in detail how the ore could be shipped and how and where milled. trucking to mc gill. or Sandt

*16. History: to Mina N. and Shipped to Salt Lake Utha SPRR.

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. 200 feet tunnel to low grade on the

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

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

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) not for Commercial purposes

(*a*) Describe the ore or mineral deposits briefly. no original and Sinite Grand County

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves. 2% Copper 8 ons Silver

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper Silver

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200 Working Days

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 Miner $15 a Day

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. $200 mi self $15 a Day

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. 200 $

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Rail pipe Ore Car $300

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $500

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above. powder Water gasolin 1000

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 2 Men 100 Working Days $3000.

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.

(Name of company)	By Peter Moser (Signature of authorized official)
April 20. 1951 (Date)	Miner operator (Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1164 X

Date received 5/14/51

Participation

Peter Moser
P.O.B. 176 Goldfield N.
Name and address of applicant

Date April 26. 1951

FILL IN THIS BLOCK

Date of application April 26. 1951 Estimated cost 5000. $

Mineral or metal Copper and Silver. Percentage of Government participation 50 %

Location of mine 12 Mils Northwesterly of Goldfield Esmaralda County on hat 5 Mils from Montagnma

Date of filing MF-100 April 26 1951 DMA Docket Number, if available Dma-1164 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? partner
*2. If a partnership, state names and addresses of partners. Mr Mary moser my Wife
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property? My Wife is the owner. Mary Moser
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. no
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. my fund is about in the center of the Workings

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

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. at present Mustang Claim

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 100 Mils to Mina Nevada S.P.R.R.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. no water
State amount of power to be used, rate per hour or other cost, and source. power Line boulder 2½ Mil from the Mine

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. no Building on the ground

15. State in detail how the ore could be shipped and how and where milled. Freighting to Mc gill Smelter

*16. History: or send to Mina by S.P.R.R. to Salt Lake Utha

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. Short on Funds

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

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

*17. Production: no

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) not for Commercial purpos

(*a*) Describe the ore or mineral deposits briefly. mongonite and syenite granut County

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves. 2% Copper 8 ons Silver

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper and Silver

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200 working days

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 Miner $15 day
myself $15 "

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings $200

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Rail pipe Oxo Con $300

(*f*) Cost of rental for equipment which the operator proposes to rent. $300

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above. powder Water gasoline $1000

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 2 Men 100 Working Days $3000

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.

(Name of company)

By Peter Mosu
(Signature of authorized official)

April 26 1951
(Date)

Miner operator
(Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 71-64X

Commodity COPPER

Total Amount $5000

Govt. Participation 50% - $2500

1. Name and Address of Applicant MR. Peter Moser

P.O. Box 176 GOLDFIELD, NEVADA

2. Location of Property 12 MILES N.W. of GOLDFIELD, Esmeralda

COUNTY NEVADA

3. Mineral or metal COPPER 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 ✓

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 OWNER
(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)* Yes

d) Water (question 13)* No

e) Power (question 13)* Yes

Is a field check needed on any of these points? WATER SUPPLY + POWER

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* HE DOES NOT ANSWER THIS QUESTION, doubtful

Is a field check needed on this point? Yes

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

a) Is the project adequately described? NO + DOEN'T STATE PROJECT

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? HE DOES NOT STATE HIS PROJECT

If not, what part of it is? —

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? No – His labor costs are more than total loans

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? ?

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? ?

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? —

d) Is a field check needed? Yes

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

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? ? (Don't know what he proposes to do)

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

d) Are the proposed wages and salaries reasonable? No, excessive

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? NO REPAIRS REQUIRED

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? SEE 13 b

(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? Applicant's answers to questions 21 and 24 on Form MF-103 differ - this should be corrected.

The report by Addison N Clark submitted by applicant is of little value in appraising prospect. There is no USGS or BGML report on it. Therefore, F.T. (field team) should have it examined, but at convenience, as it does not rate high priority on basis of evidence submitted.

Reviewed by: [illegible]

C H Johnson

D M Meacham

Date 7/3 J B Gowen

97692

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1164 X

Date received 5/14/51

Peter Mosor
POBIT6 Goldfield N.
Name and address of applicant

Date April 26. 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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: non
   (a) What are the chief mine, mill, or smelter products? non
   (b) What are the byproducts, if any? Silica
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. 8 feet.
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits. 200 feet.
   (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. no Water
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. Mina Nevada 100 Miles to S.P.R.R.
   (b) Mining district. Montezuma
   (c) Township, Section, Range.
   (d) County, State. Esmaralda Nevada
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. No
   (b) Are you operating this property as:
   - [x] Owner. Mary Moser wife.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production relocated the Mine 1945

   If not in production or operation, estimated date when production will begin 1 June or before
6. Experience of operators: Peter Moser. Jim Moser as Contracting

   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Peter Moser Jim working in Butt Montana on Copper Mines
7. History: also Gold Mines and tunnels exirions 25 years
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. I found got the money.
   (b) State briefly the known history and production of adjoining and neighboring properties. Montezuma
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

16—63792-1

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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.

(*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:

(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.

(Name of company)

By ---
(Signature of authorized official)

(Date)

(Title)

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

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

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1164X

Date received 5/14/51

Peter Mosen
P.O.B. 176 Goldfield Nev.
Name and address of applicant

Date April 26. 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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: non
   (a) What are the chief mine, mill, or smelter products? non
   (b) What are the byproducts, if any? Silica
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. 8
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits. 200
   (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. no Matter
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. Mina N. 100 Miles to S.P. R.R.
   (b) Mining district. Montagema
   (c) Township, Section, Range.
   (d) County, State. Esmaralda Nevada
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. non
   (b) Are you operating this property as:
   - [x] Owner. Peter Mosen owner
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production relocated the Mine 1945

   If not in production or operation, estimated date when production will begin 1 June 1951 or before
6. Experience of operators: Peter Mosen. has leased and Contracted. ing.

   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Peter Mosen. I claim mash. ing in Butt Montana Copper M.
7. History: also Gold mining and tunnels expirience 25 years
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. I did have the money to explore the mine
   (b) State briefly the known history and production of adjoining and neighboring properties. Montezuma mine
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

16—63792-1

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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.

(*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:

(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.

(Name of company)

By ---
(Signature of authorized official)

(Date)

(Title)

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

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

Form MF-100
(March 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. Lma-1164 X

Date received 5/14/51

SAN FRANCISCO, CALIFORNIA
MAY 7 1951
RECEIVED
REGION III
BUREAU OF MINES

Peter Moser
POB 176 Goldfield N.
Name and address of applicant

Date April 26 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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: non
   (a) What are the chief mine, mill, or smelter products? non
   (b) What are the byproducts, if any? silica
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. 8 ft ~~[illegible]~~
   (b) Linear feet of drifts and crosscuts. ~~200 ft~~
   (c) Linear feet of tunnels or adits. 200 ft.
   (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. no Water in the mine
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. Mina Nev 100 miles S.P.R.R.
   (b) Mining district. Montezuma Esmeralda
   (c) Township, Section, Range.
   (d) County, State. Esmeralda Nevada
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. No
   (b) Are you operating this property as:
   - ☑ Owner. Mary Moser wife.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production ~~[illegible]~~ the Mine during 1945.

   If not in production or operation, estimated date when production will begin 1 June 1951 ore beneficiation
6. Experience of operators: Peter Moser lin Boosen and contractiing

   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. I lin working in Butte Montana in Copper mines
7. History: also gold mines and tunnels for 25 years
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. no money to operate
   (b) State briefly the known history and production of adjoining and neighboring properties. montezuma
   (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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.

(*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:

(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.

(Name of company)

By ---
(Signature of authorized official)

(Date)

(Title)

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

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

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. dma - 1164 X

Date received 5/14/51

Participation

Peter Moser
P.O.B. 176 Goldfield Nevada

Name and address of applicant

Date April 26. 1951

FILL IN THIS BLOCK

Date of application April 26. 1951 Estimated cost 5000. $

Mineral or metal Copper and Silver. Percentage of Government participation 50 %

Location of mine 12 Mils Nord Westerly of Goldfield Esmaralda County Nev. and at 5 Mils Nortely of montgomery

Date of filing MF-100 April 26. 1951 DMA Docket Number, if available dma-1164 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? partner
*2. If a partnership, state names and addresses of partners. Mary Moser the owner of the mine
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. Peter Moser 25 years mining expirience
*5. Are you the owner or the lessee of the property? Mrs Mary Moser is the owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. my tunnel is on lot in the Center of the Oro Shot

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

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. Mustang Claim

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 100 miles to mine ship to S.P.R.R.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. no Water.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. no Building on the ground.

15. State in detail how the ore could be shipped and how and where milled. Trucking to Mc Gill Smelter

*16. History: on road to mine and ship to Salt Lake Utah S.P.R.R.

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. 200 feet tunnel to low grade on the vein

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

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

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) not for Commercial purpes

(*a*) Describe the ore or mineral deposits briefly. magnetite garnet and Quarz

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves. 2% Copper 8 ons Silver

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper or Silver.

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200 Working Days

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. $15.0 Miner Day

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. $15 for Misell. Day.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. 200 $

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Rails pipe Ore Car $300

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $500

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above. powder Water gasoline $1000

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 2 Men 10 Working Days $3000.

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.

(Name of company)

By Peter Moser
(Signature of authorized official)

April 26, 1951
(Date)

Miner Operator
(Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1164 X

Date received 5/14/51

Peter Mosa
POB 176 - Goldfield Nev.
Name and address of applicant

Date April 26. 1951.

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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? non
   (b) What are the byproducts, if any? Silica
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. 8. ft.
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits. 200 ft.
   (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. Mina Nevada 100 Miles to S.P.R.R.
   (b) Mining district. Montezuma
   (c) Township, Section, Range.
   (d) County, State. Esmaralda Nevada
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. no
   (b) Are you operating this property as:
   - [x] Owner. Mary Mosa
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production relocated the Mine 1945.

   If not in production or operation, estimated date when production will begin I. Jones or beavers
6. Experience of operators: Peter Mosa bin Lease and contracting.

   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Peter Mosa bin working in Butte Mountains in Copper Mines
7. History: also Gold Mines on tunnel expiriens 25 years
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. I faiend got the Money
   (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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.

(*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:

(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.

_____
(Name of company)

By _____
(Signature of authorized official)

_____
(Date)

_____
(Title)

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

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

May 16, 1951

Mr. Moser
P. O. Box 176
Goldfield, Nevada

Subject: DMA 1164X
Re: Exploration Loan -
Mustang Group Mining Property

My dear Mr. Moser:

Receipt is acknowledged of your application and attachments of April 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1164X and referred to Mr. J. B. Gowen, Chief, Copper Branch on May 14, 1951.

In any future correspondence relating to your application kindly refer to DMA 1164X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L.F. Strobel:mab
cc: Strobel-2
Files
Gowen
Lyon

REGIONAL DIRECTOR

~~RANDON J. STROBEL~~
Mr. Gruner
Dma - 1164/X

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

May 8, 1951

Memorandum

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

From: Regional Director, Region III

Subject: Application of Peter Moser for exploration loan--
copper property near Goldfield, Nevada

Attached is an application for an exploratory loan for $5,000 submitted to this office by Mr. Peter Moser, P. O. Box 176, Goldfield, Nevada, under date of May 4.

H. C. Miller
Regional Director, Region III

Attachment

Copy to: Mr. Peter Moser, Goldfield, Nevada

Mr. Ward C. Smith, Geological Survey

BUREAU OF MINES
WASHINGTON, D. C.

MAY 14 12 44 PM '51

ONAL DIRECTOR

~~LANDON F. STROBEL~~
Mr. Green
Ima - 1164X

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

May 9, 1951

Memorandum

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

From: Regional Director, Region III

Subject: Application of Peter Moser for exploration loan--
copper property near Goldfield, Nevada

Yesterday we mailed you an application for an exploratory loan for $5,000, submitted to this office by Mr. Peter Moser, P. O. Box 176, Goldfield, Nevada, under date of May 4.

Today's mail brought us a report of preliminary examination of the Mustang Group Mining Property, Esmeralda County, Nevada, which was sent to us by Mr. Moser without a covering letter. Supposedly this report should have accompanied his application. Kindly attach this report to the application which we forwarded to you yesterday.

H. C. Miller
Regional Director, Region III

Attachment

BUREAU OF MINES
WASHINGTON, D C

MAY 14 12 29 PM '51

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

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

1012 FLOOD BUILDING
870 MARKET STREET
SAN FRANCISCO 2, CALIFORNIA

September 10, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Washington 25, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-1164X, Mustang Copper Claim, Esmeralda County, Nevada - Peter Moser, P. O. Box 176, Goldfield, Nevada -- Copper -- $5,000

Reference is made to your "Review of Application for Exploration Assistance", dated July 20, 1951, requesting a field examination of subject claim.

Attached are four copies of a report, "DMA-1164X, Mustang Copper Claim, Esmeralda County, Nevada", by E. J. Matson, Mining Engineer, U. S. Bureau of Mines, dated August 31, 1951.

According to the examining engineer, mineralization on the property consists of copper oxides and silicates, namely, malachite and chrysocolla but is very low grade and limited in scope.

The examining engineer concludes that further exploration of the subject property is not warranted.

Docket DMA-1164X is being returned herewith.

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

Attachment

Copy to: E. H. Bailey, USGS

Addison N. Clark

APPRAISALS
EXAMINATIONS
VALUATIONS

CONSULTING MINING ENGINEER AND GEOLOGIST
1440 BROADWAY, OAKLAND 12, CALIFORNIA

ELECTRO-
GEOPHYSICAL
SURVEYS

Sept.24
1 9 4 6

Dear Mary:

Got your interesting letter today.

Just what I WANT YOU TO DO----locate AT LEAST ONE MORE CLAIM on NW extension of that gopper-gold vein BEYOND THE ~~BRONCO~~ no, CAYUSE claim Peter and I located in January . . . and AIRMAIL ME ITS NAME IMMEDIATELY, for I want to incorporate it in the map that goes with my report (the map I draw myself).

Peter himself, instead of locating that added claim---which on my sketch I named the BRONCO---on the main vein, located one ALONGSIDE OF AND PARALLEL TO THE ORIGINAL MUSTANG, on the big outcrop of white quartzite and quartz opposite the tunnel portal.

WHAT DID YOU NAME THAT CLAIM? Did he use that name BRONCO on IT???? If so, let me know by airmail QUICK.

Unless that strong vein shows up with good surface croppings on beyond (northwest of) the CAYUSE, and a claim-length past that on the ridge, one more claim on that vein (shown on the enclosed sketch-map as the BRONCO) would give you a good 4500 feet of vein, which is a good sizeable property. THE APEX LAW GIVES YOU FULL PROTECTION AS FAR AS THAT MAIN VEIN GOES----no matter if it dips outside your sidelines a MILE. But there may be smaller parallel veins---I found none worth digging into, however.

Ground southeast of the Mustang is no good. A lot of gopher-holes but no ore to write home about . . . Peter and I went all over it, and didn't even sample it. But remember, I am HERE and Peter is THERE. If you DO locate any ground to the south of the Mustang, make a sketch of it and airmail it to me SEHR SCHNELL.

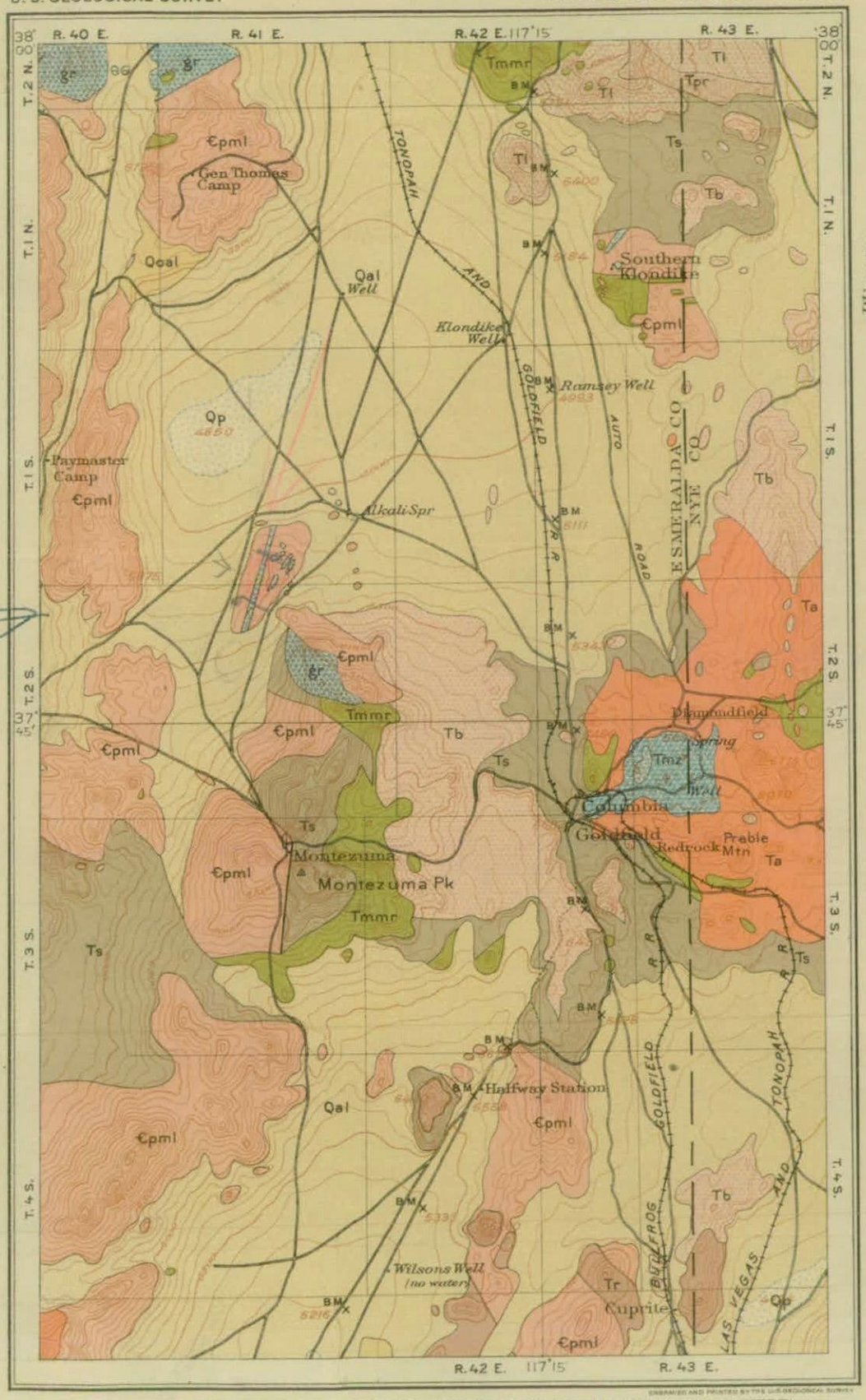
DID YOU READ MY ARTICLE IN THE GOLDFIELD NEWS? I learn that it appeared LAST FRIDAY, all in one issue. Please mail me a couple of copies---I can't seem to get any out of young Crandall, although I wrote him that 1800-word article, and he told Barcus he liked it. Well---any editor who knew his bienen would like that article.....though I doubt the Newmont folks liked it much.

I must get this into the evening airmail---so you MAY get it tomorrow evening (if it catches the morning stage out of Reno). Either you or Peter write me BY RETURN AIRMAIL, and give me ALL INFORMATION, NAME OR NAMES OF CLAIMS ADDED, etc. This sketch-map will make clear what I want.

Will answer your good letter better. For now---in haste,

Sincerely,

Address reply to 357 Bellevue Ave., Oakland 10



GEOLOGIC RECONNAISSANCE MAP OF THE REGION ADJACENT TO GOLDFIELD

After S.H.Ball

0 1 2 4 6 8 10 miles

Contour interval 100 feet.
Datum is mean sea level.

1906

LEGEND

SEDIMENTARY ROCKS

QUATERNARY

Recent

- **Qal** — Alluvium (*gravels and sands*)
- **Qp** — Playa deposits (*white clays*)

UNCONFORMITY

Pliocene–Pleistocene

- **Qoal** — Older alluvium (*alluvium and playa deposits, also in part lake beds*)

UNCONFORMITY

TERTIARY

Miocene

- **Ts** — Siebert lake beds (*tuffaceous sandstone, conglomerate, and clays*)

UNCONFORMITY

CAMBRIAN

- **Ꞓpml** — ★ Prospect Mountain limestone (*dark-gray, fine-grained crystalline limestone*)

IGNEOUS ROCKS

TERTIARY

Pliocene

- **Tb** — Basalt and basic andesite (*flows, cones, and dikes*)
- **Tl** — Late Pliocene latite and rhyolite (*stocks and flows*)
- **Tpr** — Middle Pliocene rhyolite (*flows*)
- **Tr** — Late Miocene-Pliocene rhyolite and latite (*flows*)

Miocene

- **Tmmr** — Middle Miocene rhyolite (*flows*)
- **Ta** — Miocene andesite and dacite (*intrusive masses*)

Eocene

- **Tmz** — Eocene monzonite porphyry and biotite andesite (*intrusive masses and flows*)

PRE-TERTIARY

Post-Jurassic

- **gr** — Granite, quartz monzonite, and syenite (*batholiths and dikes*)

Fault

★ *The "Prospect Mountain" limestone is now known as the Eldorado limestone*

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 7 1951
SAN FRANCISCO, CALIFORNIA

LEGEND
UNITED STATES HIGHWAY
FEDERAL AID HIGHWAY SYSTEM
FEDERAL AID SECONDARY HIGHWAY SYSTEM
STATE HIGHWAY ROUTE NUMBER
PAVED ROAD
BITUMINOUS SURFACED ROAD
METAL SURFACED ROAD
SOIL SURFACED ROAD
GRADED AND DRAINED ROAD
UNIMPROVED ROAD
PRIMITIVE ROAD
HIGHWAY BRIDGE
RAILROAD GRADE CROSSING
RAILROAD ABOVE
RAILROAD BELOW
RAILROAD (ANY NUMBER OF TRACKS) USED BY SINGLE OPERATING COMPANY
RAILROAD (ANY NUMBER OF TRACKS) USED BY MORE THAN ONE OPERATING COMPANY
NARROW GAUGE RAILROAD AND RAILROAD STATION
RAILROAD TUNNEL
RAILROAD, SERVICE ABANDONED, TRACK RETAINED
INTERMITTENT STREAM
LIVE STREAM
IRRIGATION DITCH OR CANAL
DAM WITHOUT ROAD
DAM WITH ROAD
STATE BOUNDARY
COUNTY BOUNDARY
TOWNSHIP OR RANGE LINE
SECTION LINE
STATE CAPITAL
COUNTY SEAT
OTHER CITY AND TOWN CENTERS
INCORPORATED CITY
BOUNDARY OF UNINCORPORATED TOWN WITH POPULATION OVER 1000
CONGESTED AREA—CULTURE NOT SHOWN
NATIONAL FOREST BOUNDARY
NATIONAL INDIAN RESERVATION BOUNDARY
STATE PARK BOUNDARY
NATIONAL MONUMENT OR RESERVATION BOUNDARY
GAME OR BIRD REFUGE BOUNDARY
TRIANGULATION STATION
GOVERNMENT BENCH MARK WITH NUMBER OR ELEVATION
PROMINENT ELEVATION
PASS AND ELEVATION
AIR ROUTE
AIRWAY LIGHT BEACON
COMMERCIAL OR MUNICIPAL LANDING FIELD
LANDING FIELD, MARKED ON EMERGENCY
MINE
ORE MILL
FOREST RANGER STATION
CAMP GROUND
TOURIST CAMP
CEMETERY
POST OFFICE
FARM UNIT
DWELLING (OTHER THAN FARM)
ROW OR GROUP OF DWELLINGS CLOSELY SPACED. NUMERAL INDICATES NUMBER
STORE OR SMALL BUSINESS ESTABLISHMENT NUMERAL INDICATES NUMBER
ROW OR GROUP OF BUSINESS BUILDINGS CLOSELY SPACED NUMERAL INDICATES NO
TOWN OR COMMUNITY HALL
HOTEL
SCHOOL
CHURCH
HOSPITAL
FACTORY OR INDUSTRIAL PLANT
NEVADA
CALIFORNIA
HUMBOLDT
ELKO
PERSHING
LANDER
EUREKA
WHITE PINE
CHURCHILL
MINERAL
NYE
ESMERALDA
LINCOLN
CLARK
MONO COUNTY
MINERAL COUNTY
NYE COUNTY
INYO NATIONAL FOREST
Mount Diablo Base Line
First Standard Parallel North
Mount Diablo Meridian
Guide Meridian
Reese River
T.7N.
T.6N.
T.5N.
T.4N.
T.3N.
T.2N.
T.1N.
T.1S.
T.2S.
T.3S.
R.32E.
R.33E.
R.34E.
R.35E.
R.36E.
R.37E.
R.38E.
R.39E.
R.40E.
R.41E.
R.42E.
R.43E.
To Mina
To Candelaria
To Basalt
To Cloverdale Ranch
To Manhattan
To Tonopah
To Beatty
To Oasis
Coaldale
Maintenance Station
Gilbert
Weepah
Silver Peak
Dyer
Wildhorse Flat
Springdale Canyon
Mt Butler
Dry Lake
Rock Hill
Columbus Salt Marsh
Emigrant Pass
Davis Mts
Indian Creek
Chiatovich Creek
Queen Canyon
Trail Canyon
Middle Creek
Dry Creek
Black Mtns
Lechouse Canyon
Rhyolite Ridge
Black Canyon
Navloc
Goldfield
Tonopah and Goldfield Railroad
Main Line Junction
Columbus Junction
Tonopah Junction
Blair Junction
Gilbert Junction
Tonopah and Goldfield Railroad
Tonopah and Tidewater Railroad
Goldfield Railroad
Von Schmidt Line
Match Line
Sheet 2
Emerald Co. Corner Stone
KEY TO SHEETS
MOUNT DIABLO BASE AND MERIDIAN
GENERAL HIGHWAY MAP
ESMERALDA COUNTY
NEVADA
PREPARED BY
STATE OF NEVADA
DEPARTMENT OF HIGHWAYS
IN COOPERATION WITH THE
U.S. DEPARTMENT OF AGRICULTURE
BUREAU OF PUBLIC ROADS
DATA OBTAINED FROM
STATE-WIDE HIGHWAY PLANNING SURVEY
0 1 2 3 4 5 6 7 8 9 MILES
1937
Airways and road types on the Improved State Highway System shown as of Dec. 31, 1936
Sheet 1 of 2
Modified Lambert Conformal Conic Projection
Base Map Approved June 29, 1939.
Highway Map Approved Jan. 6, 1940
GENERAL HIGHWAY MAP ESMERALDA COUNTY NEVADA 5