IN REPLY REFER TO:

G-MD-CNF

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

August 14, 1952

Memorandum

To: Mr. E. W. Ellis

From: N. E. Nelson

Subject: D.M.E.A. #2190 (Copper) Blue Juniper Copper Mine, Millard County, Utah.

The report of Ward H. Johnson and John F. Powers on this property has been reviewed.

The denial of the field team of Region IV is quite in accord with the findings and conclusions of the examiners and is so taken and accepted.

N. E. Nelson

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

224 New Customhouse
Denver 2, Colorado

July 16, 1952

Mr. M. D. Stringfellow
Stringfellow Mining Co.
456 North 2nd East
Provo, Utah

Dear Mr. Stringfellow:

Reference is made to your application for Government aid on the Blue Juniper Copper Mine.

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

A careful study of your property and data available to this agency, reveals that the probability of disclosing mineable reserves by your proposed exploration program is not considered sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application for exploration aid is denied.

Very truly yours,

W. H. King
W. H. King
Field Team, Region IV

A. H. Koschmann
A. H. Koschmann
Field Team, Region IV

HMC:oc
cc: Acting Administrator, DMEA
~~XXXXXXX~~ SRWilson
Subject
Chron.
Koschmann (2)

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

224 New Customhouse
Denver 2, Colorado

July 16, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMA Docket 2190, (Copper) Stringfellow Mining Co., Blue Juniper Copper Mine, Millard County, Utah

Enclosed are four copies of the final report on DMA-2190, two copies of Form 3b, and a copy of the letter of denial to the applicant. Removed in R+R

The applicant had requested exploration aid in the amount of $10,000.00.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

July 14, 1952

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMA Docket 2190, Blue Juniper Copper Mine, Millard County, Utah

Enclosed are 8 copies of the geologic report by Ward H. Johnson and John F. Powers of the U. S. Geological Survey covering the above docket. It has been recommended that the loan be denied.

The brochure is enclosed.

No report will be submitted by the U. S. Bureau of Mines.

Donald R. Machaven
for
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (9)

Reviewed by
DMEA OPERATING COMMITTEE
8-1-52
(date)

Room 208, 222 So. West Temple
Salt Lake City 1, Utah
11 July 1952

Memorandum

To: A. H. Koschmann, Field Team Region IV

From: Ralph J. Roberts

Subject: Docket DMA-2190, Blue Juniper Copper Mine, Millard County, Utah.

The Blue Juniper Copper Mining Company has applied to the Defense Minerals Exploration Administration to explore for copper at the Blue Juniper Mine, Millard County, Utah. The presence of copper has been known in the mine area for more than twenty years, but the mine has not produced any ore.

The rocks in the area are quartzite, shale and limestone of Cambrian age. Copper mineralization consists of veinlets containing malachite and chrysocolla sparsely distributed along fractures in a fault that strikes N. 20°-30° W. and dips chiefly westward. No copper stains were seen in the adjacent limestone. The amount of copper exposed in the fault by the workings is insufficient to indicate any minable ore. There are no measured ore reserves at the Blue Juniper Copper Mine, and it is not possible to infer any ore reserve of copper on this property.

The small amount of copper along the fault, and the lack of copper minerals in the adjacent limestone provides unfavorable evidence for the existence of commercial ore. The prospect, therefore, lacks merit and it is recommended that the loan be denied.

I concur with the conclusions and recommendations of the examining geologists. No engineering report by the U. S. Bureau of Mines will be prepared on this docket.

for - Ralph J. Roberts

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

DMA-2190, Blue Juniper Copper Mine

Millard County, Utah

Vard H. Johnson and John F. Powers, Geologists
U. S. Geological Survey

July 11, 1952

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ILLUSTRATIONS

Figure 1. Index map of Western Utah

Docket DMA-2190, Blue Juniper Copper Mine

Millard County, Utah

INTRODUCTION

The Blue Juniper Copper Mining Company, Docket DMA-2190, has applied to the Defense Minerals Exploration Administration for a loan of $10,000 to explore for copper ore at the Blue Juniper Copper Mine, Millard County, Utah.

A field examination was requested by the Field Team Region IV, November 15, 1951 to determine whether the ore reserves are sufficient to justify an exploration project. The examination was made on May 28, 1952 by Vard H. Johnson, R. J. Roberts, and John F. Powers of the U. S. Geological Survey.

Location and Accessibility

The Blue Juniper Copper Mine is on the west side of the House Range, 57 miles west of Delta, Millard County, Utah in an unorganized mining district (Fig. 1). The mine can be reached via U. S. Highway No. 6 thirty-five miles west of Delta, Utah to Marjum pass thence ten miles north over unimproved road to Antelope Spring, thence about seven miles west through Dome (Death) Canyon, thence four miles north to the mine property.

History and Production

The presence of copper minerals at the Blue Juniper Mine has been known for more than 20 years, but the mine has not produced any ore. The mine workings consist of three short adits and one prospect pit.

GEOLOGY

The rocks in the area are of Cambrian age, and include the Prospect Mountain quartzite, Pioche shale, Busby quartzite, Millard limestone, and Burrows limestone (Wheeler and Steele). No intrusive rocks are exposed in the vicinity of the Blue Juniper Mine.

The copper minerals which are mainly malachite and chrysocolla, are found in a fault that strikes northwest and dips steeply westward.

The Prospect Mountain quartzite, of Cambrian age is the oldest rock in the area and attains a thickness of more than 1,000 feet. It is a generally coarse grained, locally cross-bedded, brown to greenish gray quartzite. The Pioche shale also of Cambrian age, is a greenish-gray to olive green sandy-to-calcareous shale 265 feet thick, and conformably overlies the Prospect Mountain quartzite. The Busby, Cambrian quartzite, which is 150 feet thick, overlies the Pioche shale with gradational contact. The Busby quartzite is overlain by thick bedded, cliff forming, gray Millard and Burrows limestone also of Cambrian age.

ORE DEPOSITS

The copper mineralization, consists of veinlets containing malachite and chrysocolla distributed along fractures in a fault fissure zone in the Busby quartzite. The mineralized fissure strikes N. 20°-30° W. and dips steeply westward. Copper minerals were observed only at the prospect pit.

No copper stains were seen in the limestones above the prospect pit or in the dolomitized (?) and silicified limestones along a parallel fault 100 yards west of the prospect pit. Three channel samples from the prospect pit contained no gold, 0.17 to 0.66 percent Cu and 0.1 to 0.2 oz. Ag. One selected high grade copper carbonate sample assayed 0.8 oz. Hg and 11.6 percent Cu. A sample of

silicified limestone obtained 100 yards west of the prospect pit contained 0.2 oz. silver and 0.02 percent Cu.

ORE RESERVES

There are no measured ore reserves at the Blue Juniper Mine, and it is not possible to infer any ore reserve of copper on this property.

PROPOSED EXPLORATION

The applicant has proposed a program to explore the mineralized fault, which strikes N. 20°-30° W. and dips steeply west, by driving an adit along the fault for 320 feet. The adit level will be about a hundred feet below the prospect pit.

SUMMARY AND CONCLUSIONS

The Blue Juniper Copper Mining Company has applied to the Defense Minerals Exploration Administration for a loan of $10,000 to explore for copper ore at the Blue Juniper Copper Mine, Millard County, Utah. The mine is located on the west side of the House Range, Millard County, Utah. The presence of copper minerals in the vicinity of the Blue Juniper Copper Mine has been known for more than 20 years. The mine has had no production.

The rocks in the area include the Prospect Mountain quartzite, Pioche shale, Busby quartzite, Millard limestone and the Burrows limestone all of Cambrian age. The copper minerals which are mainly malachite and chrysocolla are found in a fault that strikes northwest and dips steeply westward. There are no measured ore reserves at the Blue Juniper Copper Mine, and it is not possible to infer any ore reserves on this property.

The amount of copper exposed in the fault by the workings is insufficient to indicate any minable ore. The small amount of copper along the fault, and

the lack of copper minerals in the adjacent limestones provide unfavorable evidence for the existence of commercial ore. The prospect, therefore, lacks merit and it is recommended that the loan be denied.

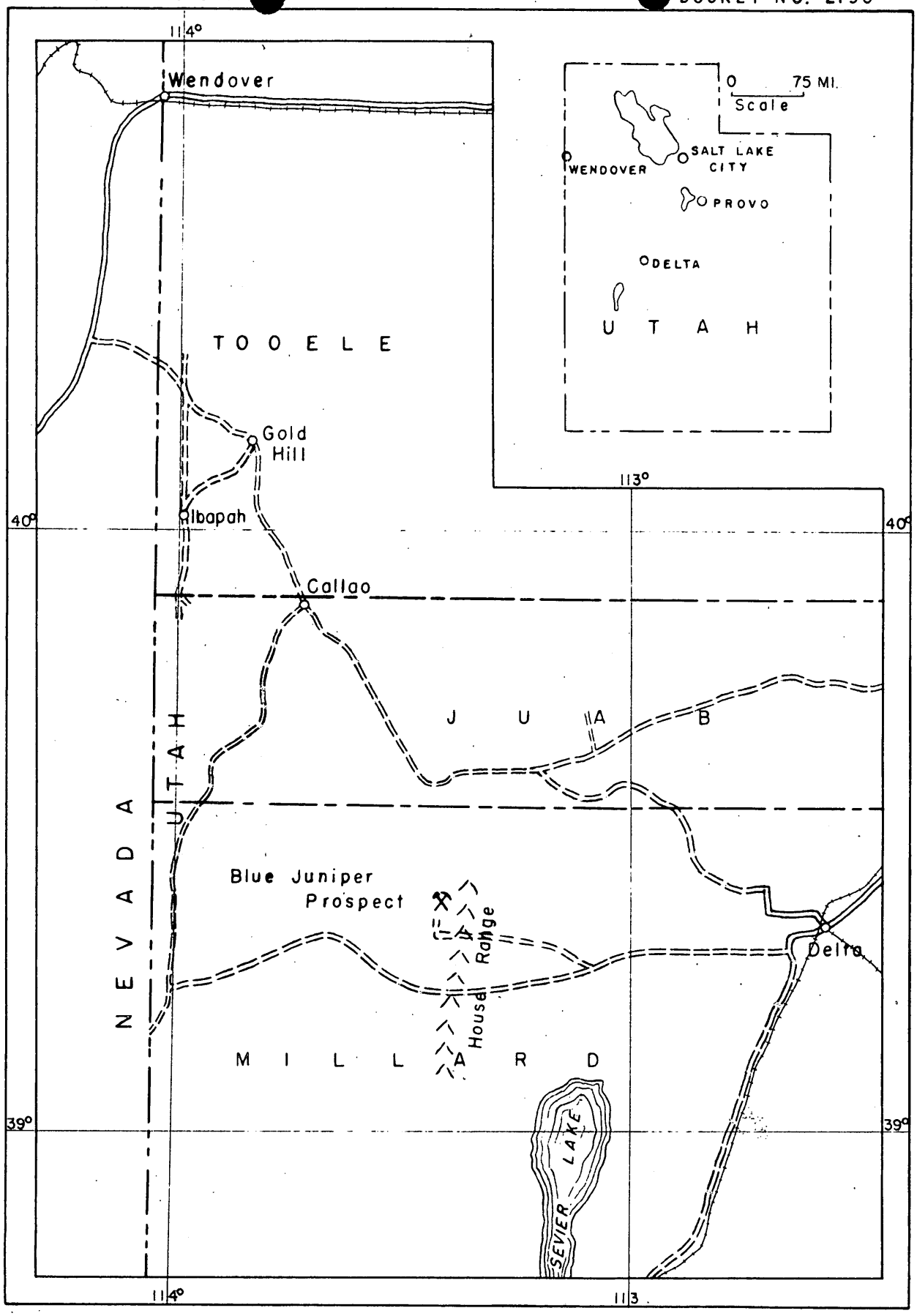

FIG. 1 INDEX MAP OF WESTERN UTAH

0 5 10 15 20 MILES
Scale

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

224 New Customhouse
Denver 2, Colorado

July 16, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMA Docket 2190, (Copper) Stringfellow Mining Co., Blue Juniper Copper Mine, Millard County, Utah

Enclosed are four copies of the final report on DMA-2190, two copies of Form 3b, and a copy of the letter of denial to the applicant.

The applicant had requested exploration aid in the amount of $10,000.00.

W. H. King
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A. H. Koschmann
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Enclosures

UNITED STATES
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DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

July 14, 1952

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Enclosed are 8 copies of the geologic report by Vard H. Johnson and John F. Powers of the U. S. Geological Survey covering the above docket. It has been recommended that the loan be denied.

The brochure is enclosed.

No report will be submitted by the U. S. Bureau of Mines.

Donald R. Machaven
for
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (9)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 28 1952

Reviewed by
DMEA OPERATING COMMITTEE
8-1-52
(date)

Room 203, 220 So. West Temple
Salt Lake City 1, Utah
11 July 1952

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

[illegible], Blue Jupiter Copper Mine

Millard County, Utah

Ward H. Johnson and John F. Powers, Geologists
U. S. Geological Survey

July 11, 1952

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Docket DMA-2190, Blue Juniper Copper Mine

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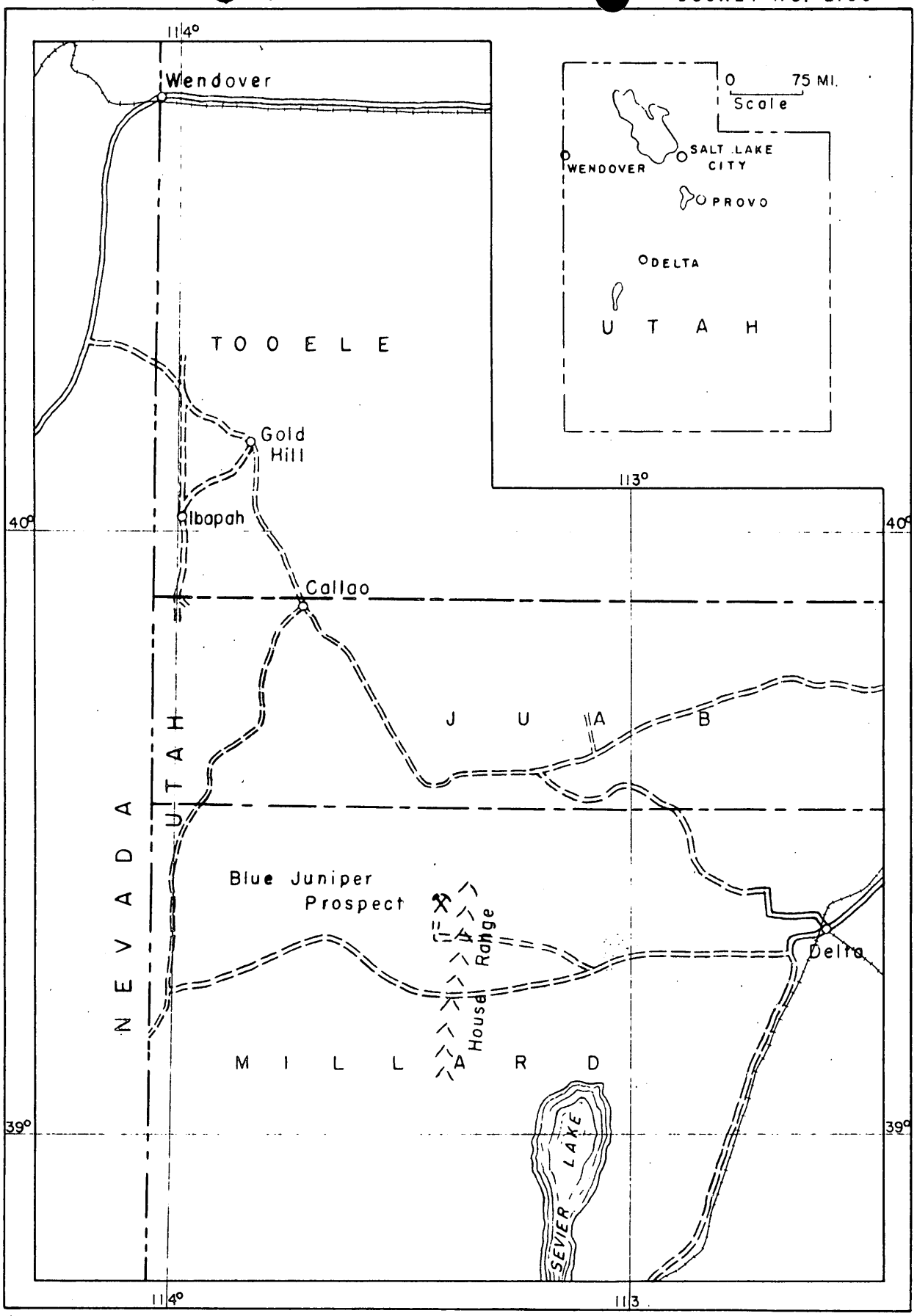


FIG. 1 INDEX MAP OF WESTERN UTAH

0 5 10 15 20 MILES
Scale

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. dma 21190
Metal or Mineral
Date Received 10-26-51
Amount $
Participation (Government %)

RECEIVED OCT 2 6 1951 Office Director's Administration

Name and address of applicant

M. D. Stringfellow,
456 north 2nd East,
Provo, Utah.

Date Oct. 20, 1951

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

DMA Docket Number (if available) DMA-603

INSTRUCTIONS

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

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

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

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

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

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

Stringfellow Mining Co. (Name of company) By M. D. Stringfellow (Signature of authorized official)

Oct. 20 1951 (Date) Supt. (Title)

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

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

Docket # DMA ~~607~~ 2190

Application for mining aid

No. 1

A- My property consists of 19 mining claims about 1120 feet of shafts and tunnels 200 feet mine openings and trenches damaged some by recent cloud burst flood but most of damage was roads and trails

B-

I am the owner.

C-

This property consisting of 19 claims is located on The House Range mountains in an unknown, unnamed mining district also in an unsurveyed portion of the public domain in west Millard county, Utah. All claims are contiguous and in one block.

No. 2

A- I have found the following minerals on this property copper, silver, gold, iron mica, molybdenum.

B-

I have no geologic or engineering report to send I have never had an examination report, I could never afford to employ an engineer, they wanted at least 1/3 interest in the property. I will send a few assay reports of recent date hoping it will aid some

Docket # DM ~~607~~ 2190

Application for mining Aid.

no. 3

A- The proposed mining project is as follows - my mineral is at the grass roots in a canyon that will take up possibly near half of my mining claim. The mineral is quite rich in this canyon and is near the top of a ridge that goes through about the center of the area. The north half of the area consists of another canyon much deeper about 800 to 900 feet deeper. I propose to drive a tunnel from the canyon floor of my deep canyon into this ore body that I have in the first mentioned canyon. This tunnel will be 320 feet long and give about 800 ft. depth under my ore a large body of rich copper silver. ok.

This Tunnel work will be in a shale formation so will cost a minimum per foot with no timbering this will cost me $4000.00 plus $1000.00 for a compressor ~~stell~~ steel and hose and small tools. The tunnel with compressor and ~~tell~~ tools will cost me about $5000.00

B-

The time required for this project will be 120 days

Docket # MA-~~103~~ 2190

Application for mining aid.

No-5-

I have no buildings or installations no equipment except a light weight truck and a fairly good supply of hand tools

No-6

I will have to have a compressor with all necessary attachments for air hammers rods or steel, hose etc this will cost me about $600.00

I will need a good power truck about 2 ton capacity I think this size to begin with is the most practical, then soon something bigger and stronger for ore hauling the 2 ton will cost $2000.00.

I will need a small cook house, a small bunk house, and a small shop building with the material I have it will cost me fairly $200.00.

There will be need for about $600.00 worth of work and repair on roads.

I have a quite a lot of building material at home saved for this purpose such as lumber, nails small board worth about $100.00 I guess, good stuff. I can use it all.

No-7

A- Rented - caterpillar bull dozer for road $500.00 building and repairing roads

B-

Purchase - compressor with attachments $500.00 Truck $2000.00 steel, rail. small tools etc $250.00

C-

Furnished by me - light weight Truck and small tools about $1500.00

No-8

I will produce to use for this project to start with.

Docket # DMA-~~603~~ 2190

Application for Mining Aid

No-8 Cont.

2 miner at $2.00 per hour
2 mucker at 1.75 per hour
1 mechanic at 2.00 per hour
1 cook at 1.75 per hour
1 truck driver at 2.00 per hour
I will manage, drive truck work where I can when I can my salary will be $2.25 per hour

Docket # DM ~~603~~ 2198

Application for mining aid

No 9

For the running expense of this project in the way of material and supplies will be about $2,500.00 as for engineering and assaying I do not see any need for much expense in these offices in this particular job I think the government engineers can take care of me I do not know how much this will cost me I will allow $100.00 for assaying

The accounting will be taken care of very ably by my son at $1.75 per hour and do a man work on the mine or driving track besides

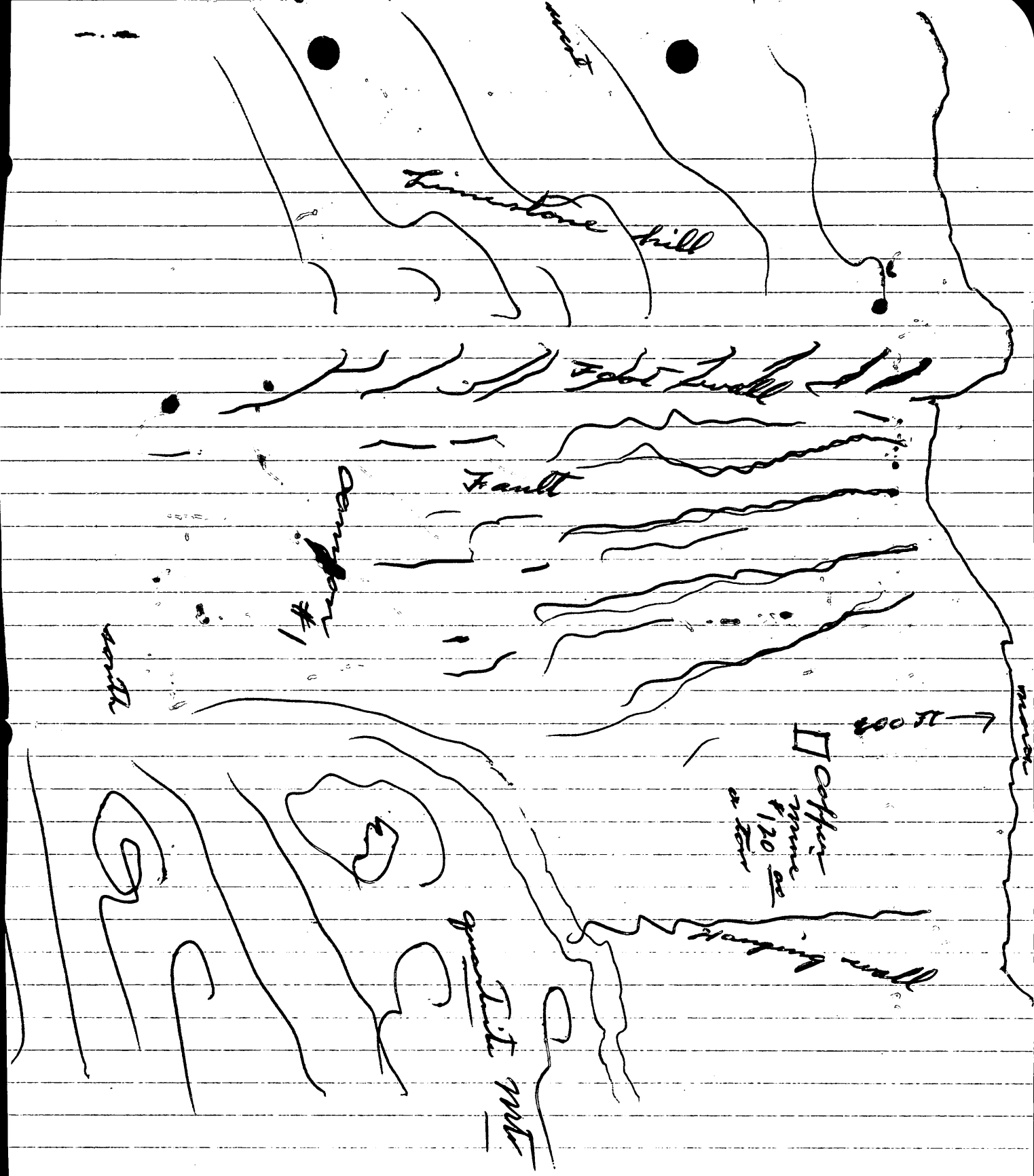
No-10

A- I have a very fine grade of copper ore on the property that will run about 20% and silver 9 oz. that sell at about $120.00 per ton this ore is in a vein about 4 feet wide at grass roots and widening with depth. I will put this little outfit production in to help put over the developement. This will not interfere with the project of developement it is on the same ore body but as I have explained will be some 800 feet under where I am taking out and selling ore.

I can take out shipping ore from the very first day of operation, ore worth $125.00 are better.

Can I furnish this as my share of the money it will take to open this up.

I am quite sure this method of operation will take care of 50% of the expense



This sketch represents the south side of mineral hill or ridge separating two canyons over for north slope of Hill

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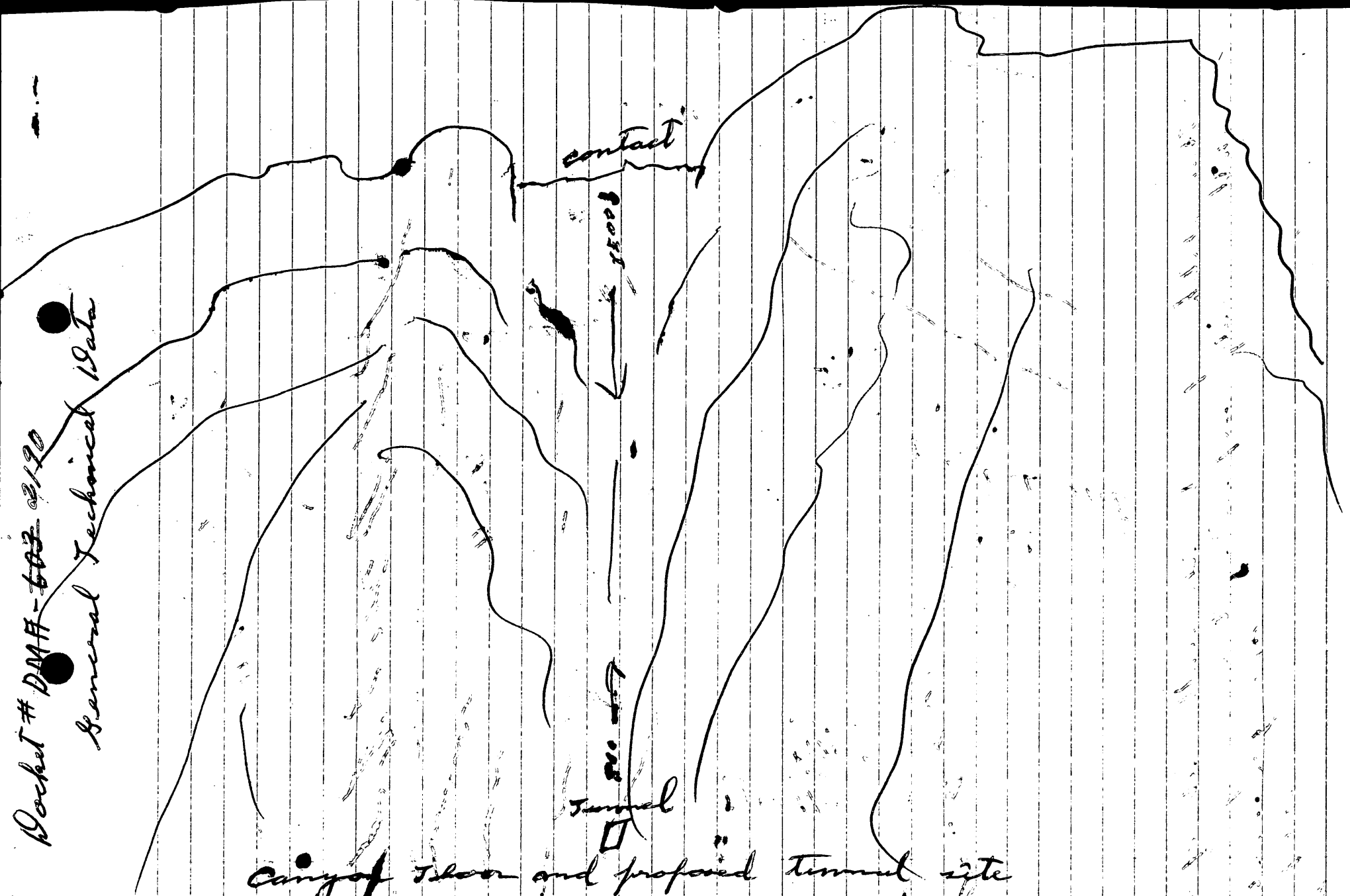
General Technical Data



Canyon floor and proposed tunnel site
This represents north side of ridge

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 2190

Date received 10-26-51

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1951

M. W. Stringfellow
456 north 2nd East
Provo, Utah.

Name and address of applicant

Date Oct. 20, 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) XXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   ☐ Owner.
   ☐ Lessee.
   ☐ Contractor.
5. Number of years in production ....
   If not in production or operation, estimated date when production will begin when money is available
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address	Official Title (If officer is also director indicate by "D")	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year	Estimated Net Worth Outside of Interest in Applicant	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common	Preferred	Amount	Net Cash Surrender Value After Loans
	(b)	(c)	(d)	(e)	(f)	(g)	(h)
M. D. Stringfellow							
Darrell Stringfellow							
Val Stringfellow							
	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.

Stringfellow Mining Co.
(Name of company)

By M. D. Stringfellow
(Signature of authorized official)

Oct. 20 1951
(Date)

Supt.
(Title)

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

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

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General Technical Data

no-1

A- copper, silver, gold, mica, silica
molybdenum

B- There is no doubt many by-products but I can not name any of them at this time

no-2

A- all of the country for miles and miles on both sides of my property is staked in mining claims. I do not know what has been found to cause the rush into this country. I do not know of any active producing mines in the immediate area.

80 Feet of shafts

B-

Drifts and cross cuts - none

C-

Tunnels and adits - none

D-

I have about 1000 feet of mine openings and trenching

This mining property is in a very dry country and is in no danger of under ground water till about at the 5000 feet depth a flash flood or cloud burst hit this property a few weeks ago and did a considerable damage to the area filling shafts and openings damaging the roads and trails frightfully this is the second flood of this type to happen in forty two that I have been acquainted with this country I was out to visit the property Oct 7 1951 and found that the grazing service has its heavy road equipment to work repairing the damaged roads no pumping equipment necessary on this property.

This property will produce 5 tons

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General Technical Data

no 2 cont.

D- preparation then it will gradually increase until by 100 days of development and the proposed tunnel is complete this property will produce at least 50 tons a day.

no 3 -

A- This property is located 40 miles west of Hinckley Millard county Utah and it is the nearest town to the mine, Delta Utah is 7 miles on further down the highway and it is the nearest railroad shipping point to the Blue Jumper mine

B-

unknown mining district at present

C-

This portion of the public domain has not been surveyed as yet.

D-

Millard County, Utah.

no-4

A- This property is not in operation I worked on it this year from early spring till July 3 it became so warm we had to quit and pull out then came the flood and we have been unable to for work

B-

I am operating and will operate as the owner

no 5

Production will start within a week after this examination is made and money is available, It will produce at the rate of a few tons a day at first and will increase until about march 1st of next year it will be producing 50 tons or better a day if development is complete.

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General Technical Data

cont.
no-5

will be producing 50 tons or better a day if developing is complete.

no-6

A- The mining and general business experience of the applicant is of the nature that I believe is absolutely necessary for him to be in charge in order for success on this project.

He has had managerial and foreman duties on every job he has been on in his life so far. he is used to hard work in the office, on the road, on the job or where ever he is needed.

he is acquainted thoroughly with living and working conditions on the desert. he has two sons that are also qualified like he is because they have been with him continuously.

He has a fair to good education. His older son of near 30 years old is a graduate of the BY University and a successful business man

His younger son is 18 years old and a student of geology BY university now.

This two can well take care of the managerial duties the office business the accounting work necessary on this project.

They have a man engaged now for this project that will take care of engineering and mechanical work for the time of development or till increased production calls for an enlarged crew.

The manager this project has had many years of actual mining experience and also has has several of the most prominent mining men and mining engineers of the country

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General Technical Data

cont.

no-6

A- on this property for their advice and knowledge of mine developement.

no-7

A- This property because of its isolated location and the price of copper also condition of roads has never been in production although I have had many tons of beautiful ore at the collar.
I have always thought it was only proper to obtain government money to open up this mineral dome.
I have spent over forty two years on this mountain in the mining and in the livestock business I know every foot of this House Range mountain.
I also know of a few deposits of other strategic minerals besides this one that I am going right after if I can get some help.

B-

There are many mining claims adjoining my property but none have been in production as yet.

C-

I cannot furnish any mining examination reports of any kind now I have had many offers from mining men of note and geologists but felt I could not afford to pay their price.

no-13

A- The distance to the nearest town is 42 miles.
The distance to the nearest railroad shipping point is 50 miles.
The road is hard surface 35 miles and 15 miles of very good improved dirt road to within 3 miles of the property The shipping point of Delta, Utah is also a good supply center.

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no-14

The water supply is very good with no variation from season to season in the flow, it is a 2 inch pipe from well up in the mountains from a spring down to the road side, the quality of the water is excellent. At this point there is a very favorable place for camping, living and general head quarters. water can be hauled by truck and tank to the mine this way in and out is the only way that can be used, this pipe of water is about seven miles from the property and as it is the most desirable place to build camp and also every truck load of ore and every empty going back for more will pass this point so I think this outlay will be best until another spring that is located about 1½ miles from the property can be developed, it will take about a mile and a half of pipe. It also affords a very good camp site and it is also very good water with no season variation.

no 15

Power will be gasolene and fuel oil.

no 16

The labor crew will consist of 2 miners 2 muckers - 1 mechanic - 1 truck driver 1 cook - 1 laborer and the supt.
This crew will be increased by double in fifty days and doubled again in 120 days

no 17

I have no equipment except a light weight truck and many hand tools there are no building but I have plenty of building material that will take care of construction till development is complete.