DOCKET COPY

Rutin 1/12/54

Exploration Project Contract No. Idm-2434
Roberta Wegener
Docket No. DMEA-2254

Amendment No. 1

It is agreed this 2nd day of December 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Roberta Wegener, that Exploration Project Contract Idm-2434, Docket No. DMEA-2254, dated November 4, 1952, is hereby amended as follows:

1. During the period from October 19, 1953, to not later than May 15, 1954: (a) the project work shall be recessed; (b) the Government shall not contribute to any costs incurred by the Operator; and (c) the Operator shall save the Government harmless from any and all claims, and preserve and protect the project work and any property in which the Government has an interest.

2. The date at which the project shall be brought to completion is extended from a period of 18 months to a period of 24 months.

This amendment shall not be construed to increase the estimated total cost of the project, nor the aggregate total amount which the Government may be required to contribute.

Executed in sextuplicate the day and year first above written.

ROBERTA WEGENER

By Roberta Wegener

THE UNITED STATES OF AMERICA

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

Exploration Project Contract No. Idm-E434
Roberta Wegener
Docket No. DMEA-2234

Justification of Amendment No. 1

For justification of this amendment, reference is made to the Field Team letter of November 10, 1953, and the Operating Committee's reply of November 18, 1953, concerning the subject contract.

MK-200 (A)
(February 1952)

DOCKET NO. DMEA 2[illegible]

COMMODITY Lead-Copper

Docket Copy
IDM-E 434

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 4th day of November, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Robert Agnew, P.O. Box [illegible], Butte, Montana

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Montana, County of Jefferson, Upper Blaine, described as follows:[3] Faithful patented claim (survey [illegible]), six unpatented claims: Ace, Colonel, Denny, Peter, Roberta and Julian, all located in Sec. 3, T.2 [illegible], R. 1 [illegible], Montana Principal Meridian, as indicated on the map attached hereto and made a part hereof and entitled "Claim Map of Faithful Mine Fig. 1."

the Operator represents and undertakes:

of six unpatented claims

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:

of Faithful patented claim

(*b*) That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Lead - Copper

in or upon the described land; and shall bring the project to completion within a period of 12 months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay [illegible] percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate *total* amount not in excess of $[illegible], which is 50 percent of $[illegible] the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers submitted, as it sees fit, an amount in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the [illegible] with invoice attached. Progress reports shall include surface and/or [illegible] the exploration, with assay-reports on samples

SEAL

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided*, that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* _____

_____

_____

_____

_____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Roberta Greenes
(Operator)

By Roberta Greenes

By C. C. Mittendorf
Administrator, Defense Mineral Exploration Administration

ACK and Chamberlin

I, _____, certify that I am the _____ secretary of the corporation named as Operator herein; that _____, who signed this contract on behalf of the Operator, was then _____ of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

EXPLORATION PROJECT CONTRACT
ROBERTA WEGEMER
DOCKET NO. DMEA-2254

EXHIBIT "A"

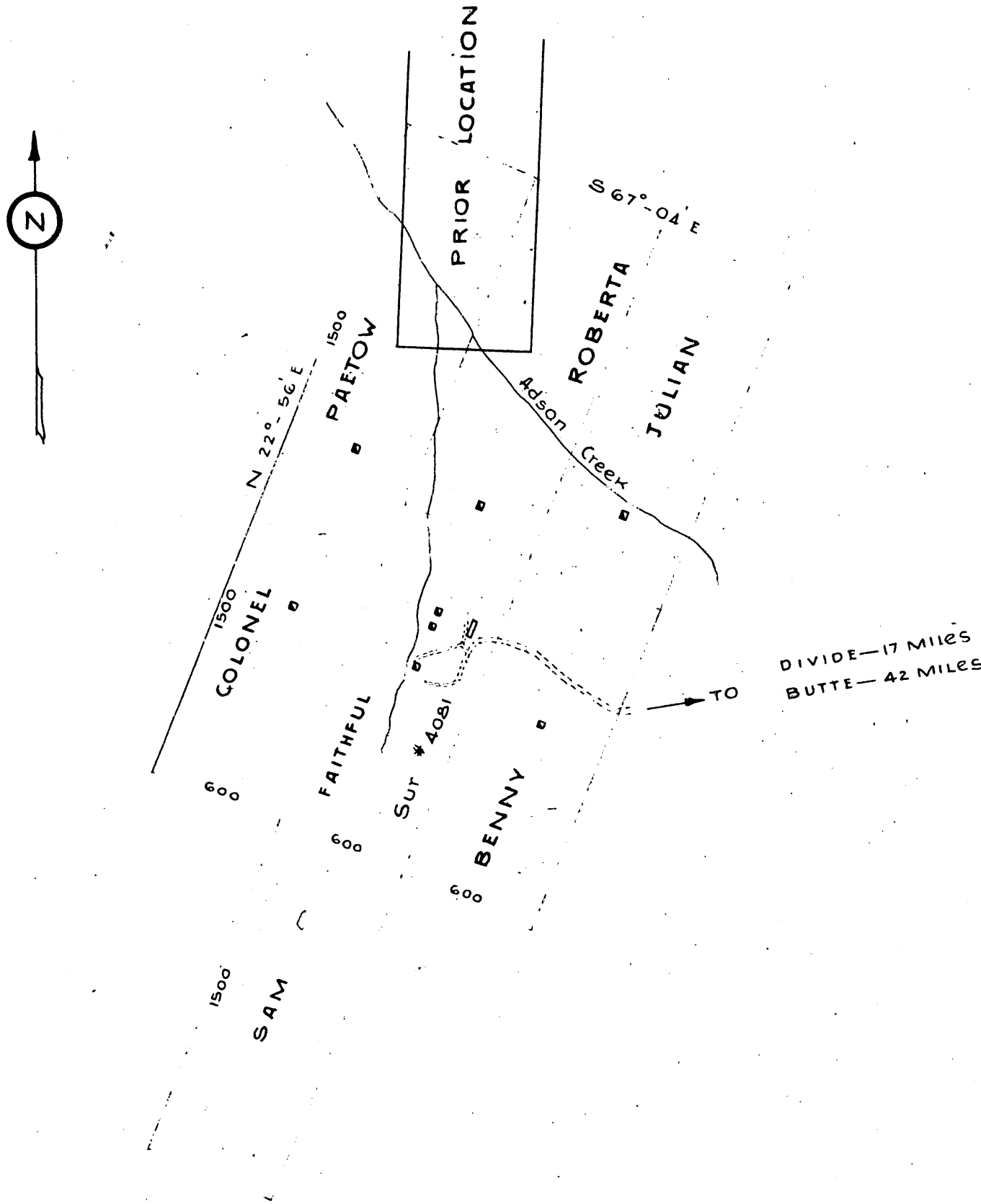
Description of the Work

As indicated on the map attached hereto and made a part hereof and entitled "Faithful Mine Fig. 2", the work consists of sinking the present main shaft an additional 100 feet, and from the bottom of this shaft drifting not to exceed a total of 200 feet and crosscutting not to exceed a total of 100 feet.

The drifting and crosscutting are to be undertaken only at the elevation in the direction and to the extent approved by the Government. Additional sinking may be undertaken upon approval of the Government by decreasing the extent of drifting and crosscutting, above referred to, provided the total estimated cost of the project is not thereby increased.

Agreed Estimated Costs

Sink 100 feet @ $70/ft.	$ 7,000.00	
Drift 200 feet @ $35/ft.	7,000.00	
Crosscut 100 feet @ $35/ft.	3,500.00	
Total Agreed Estimated Cost		$17,500.00
Government Participation @ 50%		$ 8,750.00



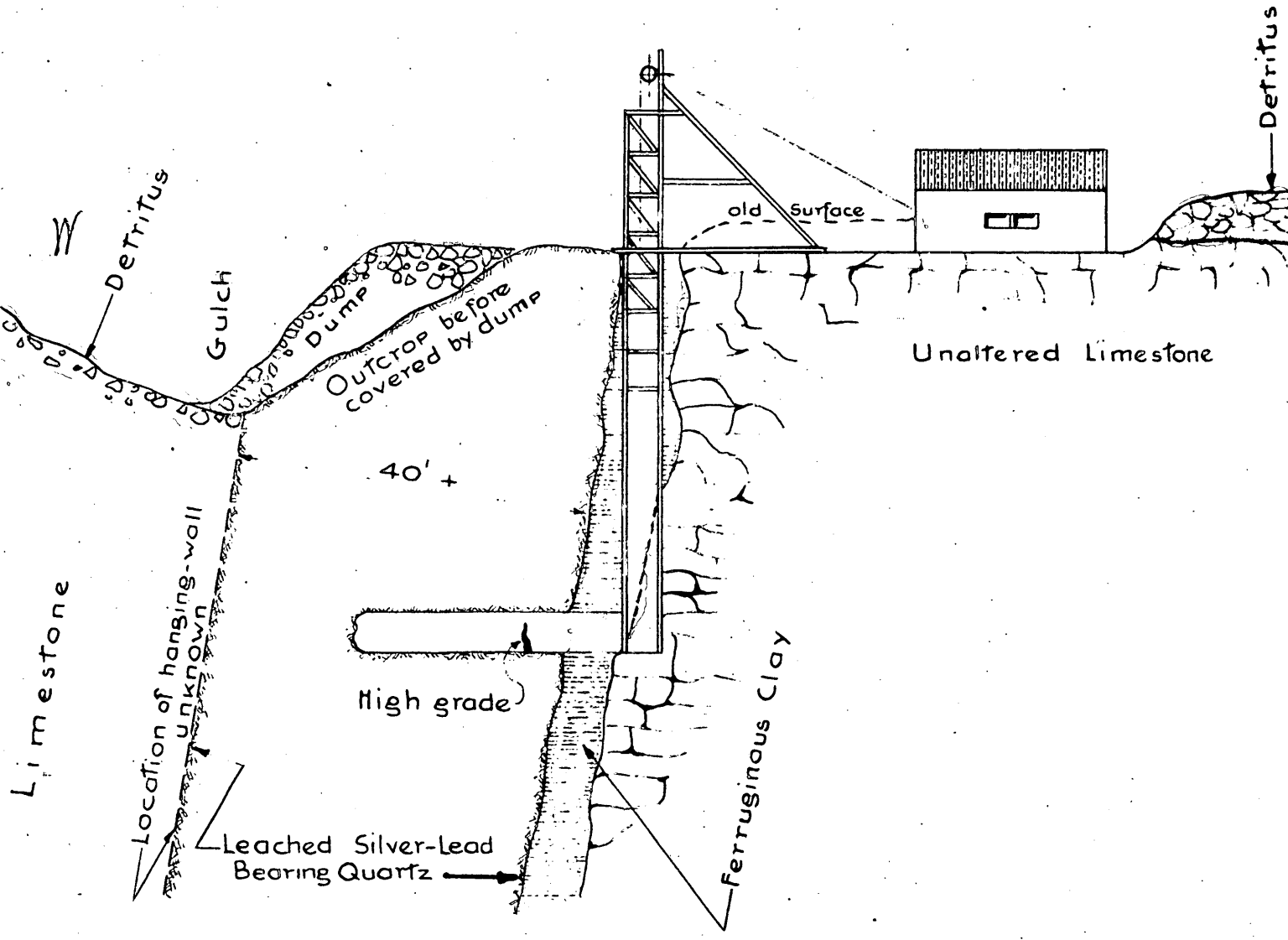
DMEA 2254 Figure 1

CLAIM MAP

OF

FAITHFUL MINE

Scale 1"—600'



DIVEA 2254 Figure 2

FAITHFUL MINE

SECTION TROUGH A-A

Scale 1" = 20'

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Montana, County of Beaverhead, described as follows:1/

Faithful patented claim, Survey No. 4081

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 8,750.00, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 14 day of November, 1952.

Helen J Browne [Seal]

_____ [Seal]

_____ [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Lead-Cu.

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2254

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

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

Routing Slip

To:	BASE METALS BRANCH	Date	11-26-51
To:	Operating Committee	Date	5-23-52.
To:	Op Com	Date	10- -52
To:		Date	
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 500
WASHINGTON 25, D. C.

RECEIVED
JUL 25 1956

PROJECT SUMMARY REPORT

By: J. W. Alt July 11, 1956

1. Docket No. DMEA-2254 (Lead-Copper)
Contract No. Idm-E434
Property: Faithful Mine
Beaverhead County, Montana

Operator: Mrs. Roberta Wegener
Post Office Box 9
Basin, Montana

Operator's Property Rights: Owner of 6 unpatented claims.

2. Contract dated November 4, 1952. To complete 18 months.

Work Authorized:

Sink the present main shaft an additional 100 feet, and from the bottom of this shaft drifting not to exceed 200 feet and crosscutting not to exceed a total of 100 feet.

Agreed Estimated Costs

Sink 100 feet @ $70.00/ft.	$7,000.00
Drift 200 feet @ $35.00/ft.	7,000.00
Crosscut 100 feet @ $35.00/ft.	3,500.00
Total Agreed Estimated Cost	$17,500.00
Government's participation, 50%	$ 8,750.00

Amendments

No. 1 Effective date December 2, 1953.

Recess work of project from October 19, 1953, to not later than May 15, 1954.

Extend completion time from 18 months to 24 months.

Work Completed.

Shaft sinking 100 feet @ $70.00/ft.	$ 7,000.00
Crosscutting and drifting 300 feet @ $35.00/ft.	10,500.00
Total Cost of the Project	$17,500.00
Government's participation, 50%	$ 8,750.00

Work on the project was started in November 1952. and was completed in August 1954.

3. Audit Certificate (Report of Review) dated October 7, 1954.

Total cost as billed by contractor	$17,500.00
Government's participation @ 50%	$ 8,750.00

Operator's final report dated September 25, 1954.
Field Team report final dated April 1956.

4. Certification date: No certification of discovery or development was made as the project was unsuccessful in discovering ore.

5. Comments

Except that progress was slow, shaft sinking, drifting and crosscutting were done competently; unfortunately, most of the work north of the shaft was done off the vein.

The purpose of the project was to explore for galena concentrations that might be present in a quartz vein. The quartz vein on the 200 level was essentially barren.

The Field Team states: "Any further exploration should be confined to surface diamond drilling in search for an ore shoot. Government participation in such work is not warranted on the basis of present information."

J. W. Alt

J. W. Alt

JWAlt/er
Copy to: Docket
Base Metals
hron.

☒ Audited

☐ Certified

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12/13/54.
Incl. Voucher for August 1954.

☐ Actual Cost

☒ Agreed Unit Costs

Name Roberta Wegener

State Montana

Commodity Lead-Copper

Docket No. DMEA-2254

Idm-E No. 434

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	300'	$10,500.00	300'	$10,500.00	$10,500.00
Raising					
Shafts	100'	7,000.00	100'	7,000.00	7,000.00
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$17,500.00		$17,500.00	$17,500.00

Prepared by W. R. Klugeeheid.

71626

File Copy
Surname J. Ace.

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

500

April 24, 1956

Memorandum

To: Chief, Contract Administration & Audit Division

From: Chief, Base Metals Division

Subject: Docket No. DMEA-2254, Contract No. Idm-E434
Roberta Wegener

The terminal letter for the cited contract is being waived, as too long a period has elapsed since its completion. The work under the terms of the contract was completed in August 1954. The final Field Team report was received by this Division on April 23, 1956.

W. R. Griswold

JWAlt/er

Copy to: Docket
Base Metals
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
APR 1 0 1956

April 13, 1956

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2254 (Lead-Copper)
Roberta Wegener
Faithful Mine
Beaverhead County, Montana
Contract No. Idm-E434

Dear Mr. Selfridge:

Enclosed are four copies of a Field Team final report written by John D. Bardill, Metallurgist, Bureau of Mines, and W. B. Myers, Geologist, Geological Survey, on the Faithful mine.

The authors state that the project was unsuccessful and that Government participation in further exploration is not warranted. A certification of discovery is not recommended.

By Field Team, Region I, NW District

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures
cc: USBM(2)
USGS(SRO)
Myers

Reviewed by
DMEA OPERATING COMMITTEE
4-23-56
(date)

Docket No. DMEA-2254

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APR 19 1956

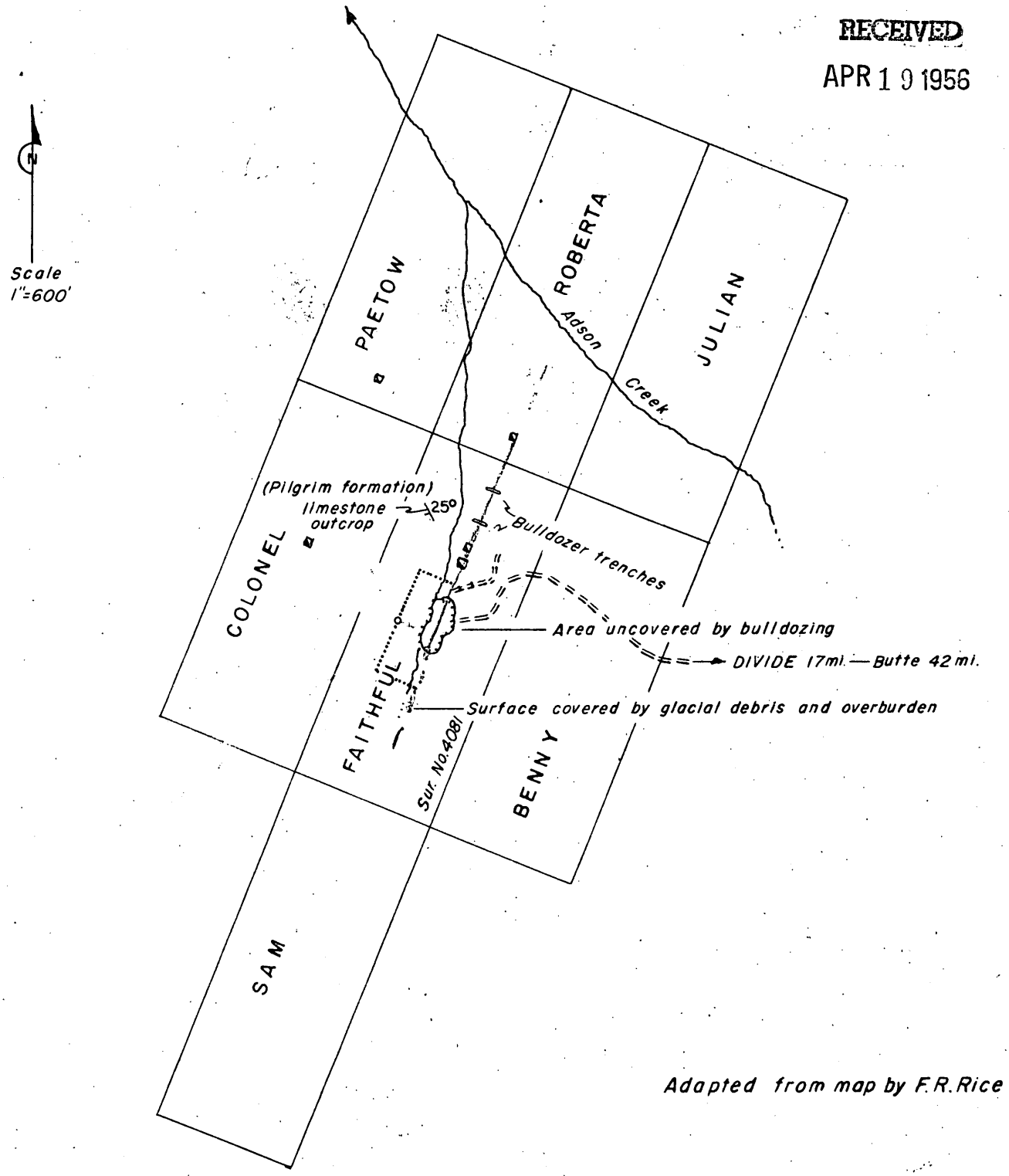

Figure I. — Claim map of Faithful Mine, Beaverhead County, Montana.

E 1745

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION I
Northwest District

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APR 19 1956

FINAL REPORT

Contract Idm-E434

by

John D. Bardill
Metallurgist
U. S. Bureau of Mines

W. B. Myers
Geologist
U. S. Geological Survey
(Compiled by:
Verne C. Fryklund, Jr.)

ROBERTA WEGENER
Basin, Montana

Docket No.:	DMEA-2254
Commodity:	Lead-Copper
Contract date:	November 4, 1952
Completion date:	August 17, 1954

Reviewed by
DMEA OPERATING COMMITTEE
4-23-56
(date)

FAITHFUL MINE
Vipond Mining District
Beaverhead County, Montana

Spokane, Washington

April 1956

FIELD TEAM
FINAL REPORT

FINAL REPORT

ROBERTA WEGENER
Faithful Mine
Vipond Mining District
Beaverhead County, Montana

Contract Idm-E434

* * * *

INTRODUCTION

This report describes an exploration project for lead conducted jointly by the Defense Minerals Exploration Administration and Mrs. Roberta Wegener of Basin, Montana, at the Faithful mine in the Vipond Mining District, Beaverhead County, Montana.

Summary

The purpose of the project was to explore for galena concentrations that might be present in a quartz vein. The existing 100-foot vertical shaft was extended 100 feet and a 200 level established.

A drift was extended on the vein 125 feet southward from the shaft; the Operator did not follow the vein in most of the work north of the shaft. No significant amount of galena was encountered in any of the work.

Recommendations

The project was unsuccessful, and a Certification of Discovery or Development is not recommended. Government participation in further exploration is not warranted.

LOCATION AND ACCESSIBILITY

The Faithful, or Julian Wegener, mine is in sec. 3, T. 2 S., R. 11 W., M.P.M., in the Vipond Mining District, Beaverhead County,

Montana. It is about 40 miles southwest of Butte and 11 miles south of Dewey on State Highway 43. The mine, which is at an altitude of about 8,500 feet, is reached from Dewey by following the Quartz Hill mines road, thence, the Vipond Park Forest Service road, and, finally, the mine access road.

Heavy snowfalls and sub-zero temperatures are common during the winter. Roads to the mine are usually open between June and November.

PROPERTY

The property consists of the Faithful patented claim, Survey No. 4081, owned by Mrs. Helen J. Brown, and the Julian, Roberta, Paetow, Sam, Benny, and Colonel unpatented claims believed to be owned by Mrs. Wegener.

The deposit was discovered in the early seventies and operated as a silver mine until the 1890's. It was inactive until World War II when an attempt was made to develop the property as a lead producer.

Mine workings consisted of a 100-foot vertical shaft with a 30-foot crosscut to the vein at the 50-foot level. Several caved shafts are evidence of former extensive underground workings.

Mine plant consisted of headframe and combination hoist and shop building. An old cabin was used for living quarters and cooking.

GEOLOGY

General geology of the Vipond Mining District is described by A. N. Winchell (The mining districts of the Dillon quadrangle, Montana, and adjacent areas, U. S. Geol. Survey Bull. 574, 1914).

The area around the mine is largely covered by glacial morains and outwash material. Rocks of the Precambrian Belt series are known to outcrop in the mountains to the west. The mine is in the Pilgrim dolomite, which is believed to be the base of the Cambrian in this district. Float boulders a few hundred feet west and southwest of the shaft suggest that Belt rocks underlie surficial mantle.

The large quartz vein at the Faithful mine cropped out, but by the time the examining geologist visited the property, the exposures were largely covered by soil from bulldozing operations. The project was recommended largely on the basis of pre-existing information in the Bureau of Mines' files.

Drifting on the vein on the 200 level (fig. 3) shows that it strikes about N. 23° E. and dips about 85° W. At the surface the quartz vein had a maximum width of 40 feet; on the 200 level the maximum width is about 15 feet. Discontinuous fault and collapse breccias occur on both hanging wall and footwall.

The geology of the 50 and 200 levels is shown on figure 3. The quartz vein is separated from the surrounding dolomite by gouge strands, and breccias, but there is little evidence of any important pre- or post-quartz movement along these faults. In fact the strike and dip of the dolomite beds on either side of the vein are so similar one might question whether there has been any significant amount of movement. The compiler has no firsthand information of this property, but it is obvious from Myers' mapping notes (fig. 3) and from several inspection reports that the quartz vein on the 200 level was essentially barren.

A surface sample taken by the Bureau of Mines in 1942 over a 14-foot width averaged 6.34 percent lead and 7.11 ounces of gold per ton; this was never tested as the 200 level drift north from the shaft wandered from the vein.

THE PROJECT

The exploration project contract, dated November 4, 1952, for $17,500.00, was to sink the Faithful shaft 100 feet to the 200 level, crosscut 100 feet, and drift 200 feet on the vein. Government participation was 50 percent.

The shaft was sunk 100 feet to the 200 level with a 5-foot sump. A crosscut was driven about 40 feet to the footwall of the vein. A drift was advanced southerly for 124.8 feet in the shattered quartz zone, and another was driven approximately 182 feet northerly from the crosscut. Most of the northerly drift was in the limestone country rock (fig. 3).

Amendment No. 1, dated December 2, 1953, recessed the project from October 19, 1953, to not later than May 15, 1954, and extended the date of completion from 18 to 24 months.

The project was completed in August 1954 without discovering any ore.

Summary of Factual Data

The shaft was sunk 100 feet and 301.7 feet of drifts and crosscuts were driven on an agreed unit cost basis. Reimbursement was made for only 300 feet of drift and crosscut.

Item	Cost per foot	Total cost
Crosscut and drift, 300 feet	$35.00	$ 10,500.00
Shaft sinking, 100 feet	70.00	7,000.00
Total project cost		$ 17,500.00
Total amount of contract		$ 17,500.00
Government's share at 50 percent		8,750.00
Total amount expended		$ 17,500.00
Government's participation		8,750.00

The Government did not have an equity in any of the equipment.

Discussion of Conclusions

Except that progress was slow, shaft sinking, drifting, and crosscutting were done competently; unfortunately, most of the work north of the shaft was done off the vein.

Any further exploration should be confined to surface diamond drilling in a search for an ore shoot. Government participation in such work is not warranted on the basis of present information.

Enclosures
Distribution:
DMEA(4)
USBM(5)
USGS(SRO)
Docket
Fryklund-Myers

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

224 New Customhouse
Denver 2, Colorado

March 27, 1956

Mr. Sam Knight
Sam Knight Mining Lease, Inc.
195 North Meyer Avenue
Tucson, Arizona

Re: Docket DMEA 2234
(Lead - Zinc - Copper),
Second Amended Contract Idm-E317,
Sam Knight Mining Lease, Inc.,
Bonanza mine,
Santa Cruz County, Arizona

Dear Mr. Knight:

Enclosed are the Government's, Division, Docket, Finance Office, and Field Team copies of proposed Amendment No. 3 to Second Amended Contract Idm-E317, which has been prepared pursuant to your request of March 3, 1956, to extend the period for completion of the project work from April 1, 1956, to October 1, 1956. In addition, the Amendment extends the period for payment of the Government royalty from ten years to eleven years from the date of the Second Amended Contract, or until April 13, 1966.

If the Amendment is satisfactory to you, all copies are to be signed by an official authorized to do so, the corporate seal affixed, and all copies promptly returned to this office.

Upon receipt of the properly executed copies of the Amendment, the "Operator's Copy" will be forwarded to you.

Very truly yours,

W. M. TRAVER
W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures
JWT:prl
cc: Chairman, Oper. Comm. (2)
Harshman
Storms
Faick
Townsend
Corres. file
Chron.

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

[illegible]

[illegible]

[illegible] Montana

[illegible] County, Mont[illegible]

[illegible]

[illegible] request for [illegible] was to have been [illegible]

Unless you have made such a request [illegible] will be given [illegible]

[illegible]

cc: DMEA [illegible]
USBM [illegible]
USBM [illegible]

File Copy
Surname

500

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

JAN 18 1956

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2254 (Lead-Copper)
Roberta Wegener
Faithful Mine
Beaverhead County, Montana
Contract No. Idm-5434

Dear Mr. Weissenborn:

With reference to the cited completed contract, will you please advise us regarding the Operator's intent to apply for an amended contract to allow additional exploration work on this property.

The last correspondence that we have in our files is a memorandum from John A. Bowsher, Mining Engineer, Bureau of Mines, to DMEA Field Team, Region I, Northwest District, dated October 6, 1955, in which he states:

> "The Operator has expressed her willingness to have the contract amended and continue the exploration. She was informed that the Government is interested in resuming the work from the 200 level, crosscutting to pick up the vein structure, and thence drifting northeast to below the old shaft.
>
> "Mrs. Wegener was requested to write a letter to the Field Team, asking for an amendment and presenting a program. She said she would prepare such a letter in the near future."

If Mrs. Wegener has not written to you requesting an amendment to do additional work on the property, we believe that you should inform her that unless you hear from her within thirty days, no further consideration will be given to an amendment to the contract.

[illegible]

[illegible]

George C. Selfridge (GCS)

[illegible]

/s/ O. M. Bishop (OMB)

Thor H. Kiilsgaard (THK)

JWAlt/bjl (1/17/56)

Copy to: Docket
Admr. A. File
Op. Committee
Base Metals
Mr. Bishop
Mr. Kiilsgaard
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
October 6, 1955

RECEIVED
OCT 24 1955

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: John A. Bowsher, Mining Engineer, Bureau of Mines

Subject; Docket No. DMEA-2254 (lead-copper), Faithful Mine, Mrs. Roberta Wegener, Beaverhead County, Montana, Contract No. Idm-E434

A discussion was held on October 4, 1955, with Mrs. Wegener and Mr. E. R. Rice, at Basin, Montana, regarding the resumption of the exploration under the subject contract.

The work on the contract had been completed about August 17, 1954, without intercepting the ore shoot, and final examination by the Field Team engineers was made September 14, 1954.

The Operator has expressed her willingness to have the contract amended and continue the exploration. She was informed that the Government is interested in resuming the work from the 200 level, crosscutting to pick up the vein structure, and thence drifting northeast to below the old shaft.

Mrs. Wegener was requested to write a letter to the Field Team, asking for an amendment and presenting a program. She said she would prepare such a letter in the near future.

All operating equipment is in place and exploration work could be resumed promptly, in the spring of 1956, after processing the amendment.

John A. Bowsher

Orig. & 3 cys - Wash.
USGS (2)
DMEA
AD
JAB/he

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

RECEIVED
SEP - 1 1955

1201 N. Division St.
Spokane 2, Washington
August 9, 1955

MEMORANDUM

To: DMEA Field Team, Region I, NW District

From: John A. Bowsher and E. C. Pattee, Mining Engineers, Bureau of Mines

Subject: Docket No. DMEA 2254 (lead-copper),
Mrs. Roberta Wegener
Faithful Mine, Beaverhead County, Montana
Contract Idm-E434

The U. S. Bureau of Mines engineers met with Mrs. Roberta Wegener and Mr. E. R. Rice at Basin, Montana, July 26, 1955, to discuss resumption of work on the Contract. Mrs. Wegener has established temporary residence in Basin, Montana, P. O. Box 9.

The Operator offered no definite and concrete program for resuming the work and indicated that she was waiting for a program to be outlined by the government. The Operator is interested in the showing of mineralization and values exposed in the old caved shaft as reported by Mr. Rice under date of September 25, 1954. Messers. Bardill and Meyers, Field Team representatives, have seen the exposure in the old shaft.

It was pointed out to the Operator that the government was primarily interested in resuming the work from the 200 level, north of the new shaft, to crosscut west from point X, 52 feet northeast USBM 397, and pickup the vein structure, thence drift northeast to below the old shaft.

It is hereby recommended that an amendment be prepared and forwarded to the Operator for agreement and signature as described in the foregoing paragraph.

John A. Bowsher

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
JAB/lb

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
May 13, 1955

MEMORANDUM

To: DMEA Field Team, Region I, NW District

From: John D. Bardill, Bureau of Mines, Region I

Subject: Docket No. DMEA 2254 (lead-copper), Roberta Wegener, Faithful Mine, Beaverhead County, Montana, Contract Idm-E434

Mrs. Roberta Wegener met with Messrs. John D. Bardill and Gideon A. Apell at Butte, Montana, the afternoon of April 23, 1955, for a preliminary discussion of amending the ~~captioned~~ contract to provide additional funds to continue ~~the~~ project work to the target area. The work will probably consist of about 75 feet of crosscut to the vein and possibly 100 feet of drifting on the vein.

Mrs. Wegener will discuss the matter with her engineer and submit a work plan through the Bureau's Butte office.

John D. Bardill

Orig. & 3 cys - Wash.
USGS (2)
DMEA
JDB/he

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
February 3, 1955

MEMORANDUM

To: DMEA Field Team, Region I

From: John D. Bardill, Bureau of Mines, Region I

Subject: Report on Docket No. DMEA 2254 (lead-copper), Faithful Mine, Roberta Wegener, Beaverhead County, Montana, Contract No. Idm-E434

The work on the captioned contract was completed about August 17, 1954 and the final inspection made September 14, 1954.

Mr. George C. Selfridge, Chairman, Operating Committee, in a letter to the Executive Officer, dated November 2, 1954, expressed an opinion that the Operator should be contacted to determine if she is agreeable to amending the contract to allow whatever work is necessary to intercept the ore shoot.

On January 6, 1955, I wrote to Mrs. Wegener suggesting that she meet me at Butte on the 13th or 14th to discuss certain phases of the Faithful mine operations without mentioning a possible amendment. She did not keep the appointment. Several days later I inquired for her forwarding address at the Basin post office and was advised they did not know her whereabouts and that she usually had a friend or her son pick up her mail every few days.

Another attempt will be made to contact her on my next routine trip to Montana the last of the month.

John D. Bardill

John D. Bardill

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
JDB/he

File Copy
Surname
J.W. Alt
Trimmel
Selfridge
Hultaday

500

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

NOV 2 - 1954

Mr. A. F. Weissenborn
Executive Officer, DMEA Field Team
Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-2254 (Lead-Copper)
Roberta Wegener
Faithful Mine
Beaverhead County, Montana
Contract No. Iam-6934

Dear Mr. Weissenborn:

With reference to the cited contract, in reading the monthly report of Region II for the period August 15 to September 15, 1954, it is stated that:

"The Operator reported that the contract work was completed August 17, 1954. A final field inspection has been scheduled."

"The 200 level drift north, directed toward the ore shoot in the old upper workings, apparently was not driven far enough to intercept the shoot."

In view of the above statement, we are of the opinion that the Operator should be contacted to see if she is agreeable to amending the contract to allow whatever work is necessary to intercept this ore shoot.

As the work of the contract is completed, and as you state in your letter of October 1, 1954 to Mrs. Myrtle Hardy, Certifying Officer, that a Certification of Discovery will not be recommended for this project, it appears that additional work will certainly be to the advantage of the Government.

We would appreciate receiving your comments regarding this proposal at your earliest convenience.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

JWAlt/bjl (10/28/54)

APPROVED:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Mr. Kiilsgaard
Mr. Bishop
Chron

R.C.G.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

OCT 29 1954

October 25, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2254 (lead)
Roberta Wegener
Faithful Mine
Beaverhead County, Montana
Contract No. Idm-E434

Dear Mr. Selfridge:

Enclosed are 3 copies of a final report by the Operator on the work done at the Faithful mine, Beaverhead County, Montana. This report was received September 28, 1954.

This report, although brief, does summarize the facts and is acceptable to the Field Team.

By Field Team, Region II

A. E. Weissenborn per JSV

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wilg G. Agnew

Wilg G. Agnew, Member
U. S. Bureau of Mines

Enclosure
cc: USBM (2)
USBM (AD)
Myers

Docket No. DMEA 2254 (lead-copper)
Contract Idm-E434
Roberta Wegener

U. S. BUREAU OF MINES
RECEIVED
SEP 28 1954
SPOKANE, WASHINGTON
Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 29 1954

Report On

Faithful Mine

Beaverhead County, Montana.

In the Fall of 1942, an examination of the mine was made by Mr. Bennett of the U.S. Bureau of Mines for the purpose of determining the advisability of constructing an access road to the property. His report was favorable and such a road was built by the Forest Service from Quartz Hill to the property.

During the period 1944-1951 a great deal of bulldozing was done to uncover the outcrop, a hoist-house and head-frame was erected, hoist and compressor installed and a shaft sunk to a depth of 50 ft, and a short cross-cut driven into the vein from the bottom of this shaft.

The results of the bulldozing was very encouraging as the vein was found to be 40 ft. wide in one place and numerous occurences of lead-silver-copper ore of better than commercial grade were encountered. The outcrop was also found to be highly leached. Also the cross-cut from the bottom of the 50 ft. shaft encluntered a width of 2 ft. of lead-silver-copper ore that assayed in excess of $40.00 per ton. This occurence proved to be of slight lateral extent, but did continue downward as determined by a winze.

In my report on the Faithful Mine, under date of April 5, 1952, I recommended that the shaft be sunk to a depth of 150 ft., and that exploration be done to the south under that part of the outcrop previously exposed by bulldozing.

During the Summer of 1952, various personnel of the U.S. Bureau of Mines and of the U.S. Geological Survey visited the property relative to the granting of a Government loan under the Defense Minerals Act. Subsequently this loan was granted.

However, during the interem, a saw-mill was purchased and erected, a new comprssor installed, the head-works at the shaft covered and timber sawed for shaft-sinking and drifting. Winter supplies were gotten in and shaft-sinking started Nov. 1, 1952.

During November, a Government loan was granted for 100 ft. of shaft-sinking, 200 ft. of drifting and 100 ft. of cross-cutting. At the time of the granting of the loan, the shaft had been sunk to a depth of 100 feet.

The shaft was sunk to a depth of 205 feet, which depth was reached on March 6, 1953. It was found that the vein was practically vertical from surface to the 200 level.

On the 200, the vein was cross-cut, showing a width of approximately 15 feet of highly shttered, barren, white quartz. When the opposite wall was encountered, drifting was started to the south and continued until April 30, 1953, when operations were temporarily suspended owing to lack of supplies.

Work was resumed on May 15, 1953, but owing to blizzards and water from melting snow having to be bailed, no underground work was done until early in July. During all of June and the early part of July, the entire time was consumed in bulldozing snow out of the road and bailing water. For a two weeks period in June, the bailing of water was on a 24 hour a day basis.

During the Summer of 1953, drifting was continued to the south of the shaft for a distance of approximately 114 feet.
This drifting and cross-cutting to the south disclosed the fact that the vein was of a highly shattered, barren quartz with practically no mineral content. The best assay showdd 0.2% lead, 0.0 copper and 0.2oz. silver per tton. There is a heavy strike fault along the east wall of the vein which accounts for its shattered condition. In the drag along this fault small amounts of good ore were encountered.

Work was discontinued Sept. 1. 1953 owing to unsatisfactory labor conditions and nothing more was done until June of the current year.

As it had been demonstrated that in the area prospected to the south of the shaft, that no ore occured, it was decided by all parties concerned, to go to the north and get under the old workings where good ore had been mined and shipped by the early operators.

Accordingly, the work was done as shown on the accompanying map.

Owing to lack of funds, this work has not been completed at this time.

A headframe and hoist has been erected at the old shaft and the shaft has been cleaned out to a depth of approximately 10 feet. This shaft was evidently sunk on ore as from 1½ to 2 ft. of good ore still remains on the west wall of the shaft.
As soon as funds are available, it is the intention to complete the cleaning out of the old shaft to bottom and after determining the dip and strike of the vein at this point, to drift and crosscut on the 200 level to intersect the vein on its downward extension.

It is highly probable that a considerable tonnage of shipping ore will be encountered in the workings off the old shaft.

RESUME'

While no ore has been encountered during the development campaign just completed, never-the-less this work has been of the utmost value in the development of the property.

At the time of the making of my former report in April of 1952, it was my belief that the ore and leaching encountered by the bulldozing was indicative of secondary and primary orebodies at depth.

However, in view of the results of the work on the 200 ft. level, I am forced to radically alter my concepts.

It is to be noted that at surface the outcrop is up to 40 ft. in width; that it shows numerous ore occurences and that it shows extensive leaching by the presence of much gossan and vuggy material.

In contradistinction, on the 200, the vein has a maximum width of 15 feet, no ore has been encountered in the vein, the vein material may best be described as a white "bull" quartz and is noticable by the lack of evidence of the former presence of ore.

This indicated that in the area under consideration, that ore deposition has been more pronounced at and near surface than at depth. One is then lead to enquire into the reason.

It is my belief that the reason is that the present surface is high up in the Pilgrim limestone and near the former contact of the vein with the Dry Creek shale., and that the ore occurence on the Faithful is of the same type as that at Hecla and Quartz Hill. Future work to the south and from surface will determine this.

There is a strong probability of still bringing in a mine on the Faithful, of great economic importance.

Respectfully submitted,

E. R. Rice, E. M.

E. R. Rice, E. M.

Box 312,
Boulder, Montana,
Sept. 25, 1954.

RECEIVED

OCT 1 1954

U. S. G. S.
SPOKANE, WASH.

Docket No. DMEA 2254 (lead-copper
Contract Ism-E434
Roberta Wegener

U. S. BUREAU OF MINES
RECEIVED
SEP 28 1954
Spokane, Washington

Report On

Faithful Mine

Beaverhead County, Montana.

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Respectfully submitted,

/s/ E. R. Rice, E. M.

E. R. Rice, E. M.

Box 312,
Boulder, Montana,
Sept. 25, 1954.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
October 4, 1954

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 8 - 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: John D. Bardill, Bureau of Mines, Region II

Subject: Final inspection report, Roberta Wegener, Faithful mine, Beaverhead County, Montana, Contract No. Idm-E434, Docket No. DMEA 2254 (lead-copper)

The final inspection of this project was made September 14, 1954, accompanied by W. B. Myers, U. S. Geological Survey, and E. R. Rice, Operator's mining engineer.

The north drift was resurveyed by Brunton and tape and the geology mapped by Mr. Myers.

The complete survey measurements for the 200 level workings are as follows:

South drift

Point 1 to BM 252	S 18° W	48.5 ft.
BM 252 to joint in rail	S 3° W	26.3 ft.
Joint to spike on E side of W rail	S 57° W	21.0 ft.
Spike to face	S 27° W	29 ft.
		124.8 ft.

North drift and crosscut

BM 242 to Point 1	N.80° W	12.85 ft.
Point 1 to BM 395	N 4° E	20.15 ft.
BM 395 to BM 396	N 40° E	25.50 ft.
BM 396 to BM 397	N 60° E	56.40 ft.
BM 397 to Temp. point X	N 31° E	51.40 ft.
Point X to face	N 75° E	15.60 ft.
		181.90 ft.
Plus south drift		124.80
		306.70
Less 5 ft. for width of crosscut at Point 1		5.00
Total drift and crosscut		301.7 ft.

New shaft sunk 100 ft.

See sketch map.

The contract specified 100 feet of new shaft and 200 feet of drifts and crosscuts, which is the amount the Operator claimed. The contract work was completed about August 17, 1954.

The north drift was directed out of the vein and into the footwall. Mr. Rice was under the impression that the vein had been faulted and turned the drift-crosscut to the east. Nowhere in the 200 level workings was there any lead-copper mineralization in quantities of more than a trace.

An old caved shaft in the vicinity of the new shaft showed some silver-copper mineralization. A specimen of high-grade assayed 83 oz. silver and 2 percent copper. Mr. Rice thought that he had turned the north crosscut to intercept the downward extension of this mineralization on the 200 level.

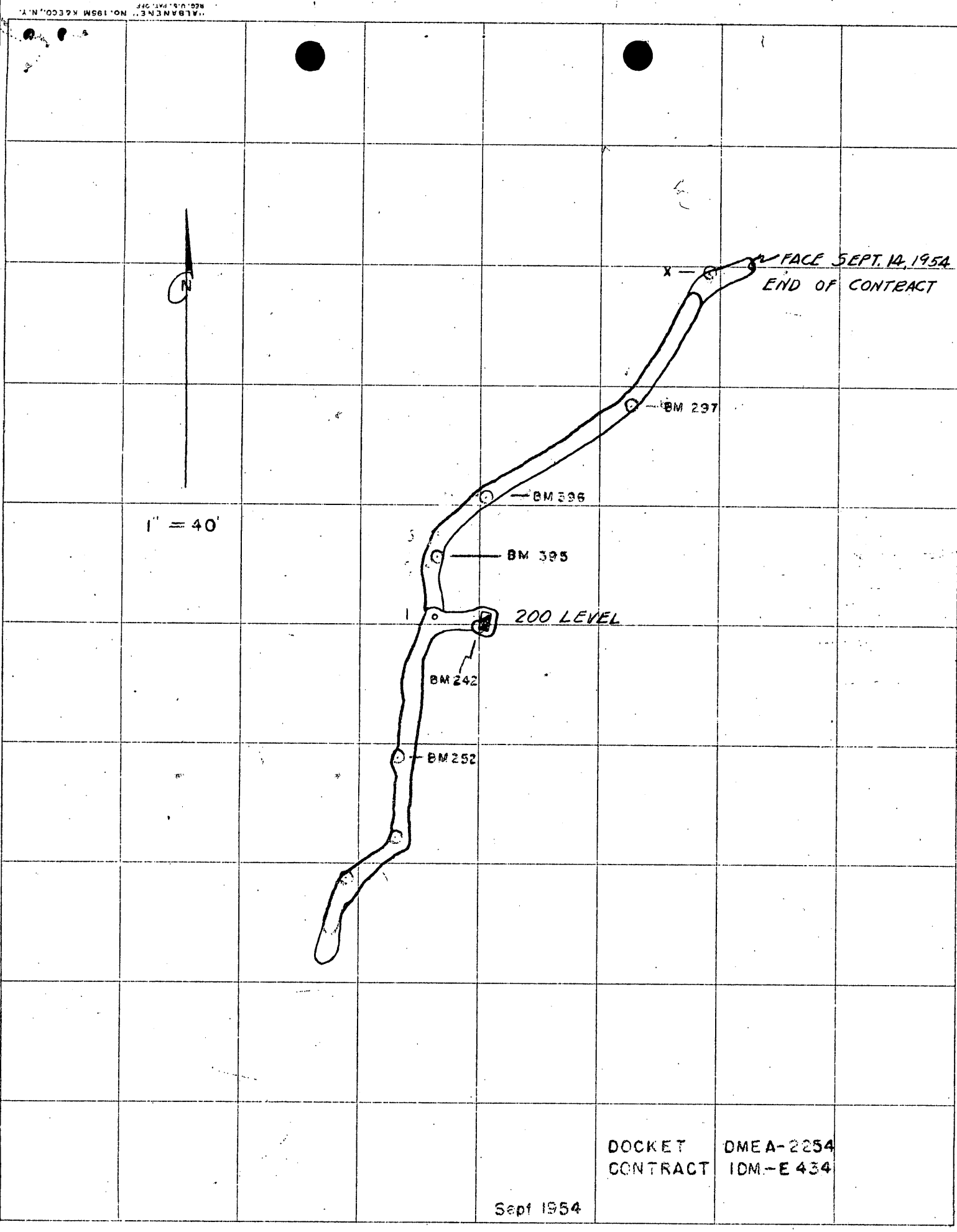
A surface and underground survey by Myers and myself indicated that the downward extension of the mineralization in the old shaft would be approximately 40 feet to the northwest of the crosscut face.

Since no mineralization of consequence was encountered, no certification of discovery is recommended.

John D. Bardill

John D. Bardill

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
Auditor
JDB/he



FAITHFUL MINE — Roberta Wegener — Beaverhead County, Montana

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

North 1201 Division Street
Spokane 2, Washington
August 20, 1954

Memorandum

To: DMEA Field Team, Region II

From: John D. Bardill, Bureau of Mines, Region II

Subject: Routine inspection report, Roberta Wegener, Faithful Mine, Beaverhead County, Montana, Docket No. DMEA 2254, Contract No. Idm-E434 (lead-copper)

This project was inspected August 11, 1954 accompanied by Mr. E. R. Rice, Operator's mining engineer.

The drift had been driven northeast in the vein for a distance of 146 feet. No lead-copper mineralization was encountered.

A Brunton-tape survey was made of the new work and the following measurements were recorded.

Sta. 0 (point on outside of shaft wall plate)		
Sta. 1	S80°E	19.6 ft.
Sta. 1--Sta. 2	N 8°W	17.6 ft.
Sta. 2--Sta. 3	N22°E	11.2 ft.
Sta. 3--Sta. 4	N50°E	18.0 ft.
Sta. 4--Sta. 5	N64°E	27.0 ft.
Sta. 5--Sta. 6	N54°E	34.9 ft.
Sta. 6--to face	N30°E	37 ft.

See attached sketch map. (Will follow with next report.)

The drift is directed to a point which should be below an old inclined winze reported to have been sunk along the strike of the vein. Mr. Rice estimated the objective should be reached within the next 20 feet.

Only 16 feet of drift remained to be driven at the time of the inspection to complete the DMEA contract.

The next inspection early in September will be the final one.

John D. Bardill

Enclosure
cc: Orig & 3 cys Wash.
USGS (2)
DMEA
M/D
AD

JDB:lb

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~XXXXXXXXXXXXXXXX~~
WASHINGTON 25, D. C.
North 1201 Division Street
Spokane 2, Washington
August 20, 1954

Memorandum

To: DMEA Field Team, Region II

From: John D. Bardill, Bureau of Mines, Region II

Subject: Routine inspection report, Roberts Wagoner, Faithful Mine, Beaverhead County, Montana, Docket No. DMEA 2254, Contract No. Idm-E434 (lead-copper)

This project was inspected August 11, 1954 accompanied by Mr. E. R. Rice, Operator's mining engineer.

The drift had been driven northeast in the vein for a distance of 146 feet. No lead-copper mineralization was encountered.

A Brunton-tape survey was made of the new work and the following measurements were recorded.

Sta. 0 (point on outside of shaft wall plate)		
Sta. 1	S80°E	19.6 ft.
Sta. 1—Sta. 2	N 8°W	17.6 ft.
Sta. 2—Sta. 3	N22°E	11.2 ft.
Sta. 3—Sta. 4	N50°E	18.0 ft.
Sta. 4—Sta. 5	N64°E	27.0 ft.
Sta. 5—Sta. 6	N54°E	34.9 ft.
Sta. 6—to face	N30°E	37 ft.

See attached sketch map. (Will follow with next report.)

The drift is directed to a point which should be below an old inclined winze reported to have been sunk along the strike of the vein. Mr. Rice estimated the objective should be reached within the next 20 feet.

Only 16 feet of drift remained to be driven at the time of the inspection to complete the [illegible] contract.

The next inspection early in September will be the final one.

John E. Bardill

Enclosure
cc: Orig & 3 cys Wash.
UMGS (2)
[illegible]
W/D
AD

JEB:lb

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

1201 N. Division St.
Spokane 2, Washington
July 9, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: John D. Bardill, Bureau of Mines, Region II

Subject: Resumption of contract work, Roberta Wegener, Faithful Mine, Beaverhead County, Montana, Contract No. Idm-E434, Docket No. DMEA 2254 (lead-copper)

Mrs. Roberta Wegener, Operator, advised me by telephone at Butte, Montana, on June 24, 1954 that work at the mine had been resumed about a week before, following a recess for the winter. She reported that the mine is still accessible with difficulty because of snow and mud.

At the time of the phone call the water in the shaft had been lowered to a point about 5 feet above the 200 level and Mrs. Wegener anticipated that another week or ten days would be required to unwater the mine completely.

Mrs. Wegener has agreed to drift north on the 200 level as suggested in the Field Team letter of May 26, 1954 to her. The project will be visited on the next routine inspection trip to the area.

John D. Bardill

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
JDB/he

Defense Minerals Exploration Adm.
RECEIVED
AUG 3 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, Calif.

Date: July 30, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 2257

Contract Idm-E 442

Commodity Zinc. lead and copper

Operator - Walker Corporation

Property - Ward Mine
White Pine County, Nevada

By Henry W. Jones, Mining Engineer

Dated July 27, 1954

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

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 - 1954

INTERIM REPORT

Docket No.: DMEA-2257 (Zinc, lead, copper) July 27, 1954

Name and address of operator: Walker Corp.,
P. O. Box 163
E. Ely, Nev.

Name and location of property: Ward Mine, White Pine County, Nev.

Contract No.: Idm-E442

SUMMARY

The Ward Mine, located about 16 miles by road south of Ely, Nev., was examined on July 13, 1954 to check the work progress applicable to terms of the DMEA exploration loan. The revised drilling program submitted for amendment (amendment No. 4) by the operator had not yet been received. Drilling, however, was started at the Defiance Tunnel on company account pending approval of the continued program as outlined by the applicant.

Two drill holes were completed and the third hole was collared. No mineralization of consequence was encountered, to date.

RECOMMENDATIONS

The operator discussed the advisability of moving the drill station for hole No. 11 (the No. 4 hole in the Defiance Tunnel) approximately 150 feet back from the present drill face and running it parallel to the No. 10 hole. This would in effect explore the mineralized dike and assumed ore body rake about 150 to 200 feet north of the intersection with the No. 10

hole. The operator is willing to provide the drill station at no extra expense to the government. In view of the additional information to be gained, it is recommended that the operator be allowed to do this exploration under the proposed amendment No. 4.

STATEMENT OF WORK COMPLETED

No work was completed under terms of the DMEA contract. The operator however is continuing the diamond drilling program as submitted in proposed amendment No. 4. The air compressor and pipe line was installed at the Defiance Tunnel (as covered in interim report of June 25, 1954). Diamond drilling was being done by the MacPherson Drilling Co. of Montrose, Colo. Hole No. 8 was collared on June 21 and completed on July 7, 1954, after being driven 404 feet on a flat dip and bearing N. 73° W. Hole No. 9, started July 9, was completed to a depth of 296 feet on July 12. The bearing of the hole was S. 43° W. and had a flat dip. Hole No. 10 was collared on July 13, bearing N. 25° W. and also having a flat dip. There was no mineralization of consequence encountered to date.

The drill core is being logged and stored by the operators until clarification of the contract is completed.

COMMENTS

Drill hole No. 9 has encountered a water course flowing about three gallons per minute. The resultant stream is more than ample to take care of all drilling operations in the tunnel.

Henry W. Jones

Henry W. Jones
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Co. 257 Howard Street
Spokane 4, Washington

June 29, 1954

Certifying Officer, DMEA
Field Team, Region II
1201 No. Division
Spokane 8, Washington

Re: Docket No. DMEA-2254 (Lead-Copper)
Roberta Wegener
Faithful Mine
Beaverhead County, Montana
Contract No. 1dm-2134

Dear Sir:

Attached is a copy of a letter from Mrs. Roberta Wegener announcing that work is started again at the Faithful mine. You will recall that payment of the last voucher was withheld all winter because work was recessed. Now that Mrs. Wegener has started work this voucher can be paid, but we should first check to see that we have sufficient equity as she is approaching the end of the contract.

Sincerely,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure
cc: DMEA(2)
DMEA(2)

REFER TO	ACTION	NOTED	DATE
Chr al			

Basin, Montana.
June 24, 1954.
P.O.Box 9.

Mr. A. B. Weissenborn, Exec. Officer
Def. Min. Exploration Administration
No. 157 Howard Street,
Spokane 4, Washington.

Dear Sir: Re: Docket No. DMA 2254
Faithful Mine
Beaverhead County, Montana.
Contract No. Idm-434.

Having contacted Mr. John J. Bardill, locally in charge for Mr. McNabb, he instructed me to write you re our work at the Faithful.
I have a full crew of good men on the job, and have been at work for nearly two weeks, cleaning shaft, getting in timber moving in et cetra, and we are soon taking off on the 200 foot level, in accordance with our recent correspondence.

Mr. Bardill authorized me to write you to please now honor our July 1953 voucher as soon as possible, as of course I am under very heavy expense at this time, which as I remember was for $270.00.

Thanking you, I remain

Sincerely yours,
Roberta Wegener.
Box 9, Basin, Montana.

RECEIVED
JUN 28 1954
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

May 26, 1954

Mrs. Roberta Wegener
P. O. Box 9
Basin, Montana

Re: Docket No. DMEA 2254 (lead-copper)
Faithful Mine
Beaverhead County, Montana
Contract No. Idm-2434

Dear Mrs. Wegener:

In a recent communication of Mr. John S. McNabb, mining engineer, Bureau of Mines, we were informed that you met with him in Butte on April 7, 1954, and that at that time you proposed to drift north on the 100 level of the new shaft in an attempt to pick up mineralization below the old workings at the cited property. Mr. McNabb informs us that he advised you that the target appeared logical enough, but that it would be unwise not to take full advantage of the depth provided by the new shaft.

The Field Team agrees with Mr. McNabb in that drifting to the north from the shaft would be more feasible on the lowermost level, rather than on the 100-foot level. We, therefore, wish to inform you that the Government will participate in such drifting costs. We wish to emphasize, however, that as much as possible of this work should be as a drift in the vein, rather than as a lateral alongside the vein, as it is only by continued drifting that information on the geology of the vein will be ascertained.

Amendment No. 1 to the contract specifies that project work was to be resumed not later than May 15, 1954. It is, therefore, assumed that work is either in progress at the present time or will be started in the immediate future.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

cc: DMEA (2)
USBM (2)
Myers

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

1201 N. Division St.
Spokane 2, Washington
May 10, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: John S. McNabb, Mining Engineer, Bureau of Mines

Subject: Resumption of work under Contract Idm-E434, Docket No. DMEA 2254 (lead-copper), Roberta Wegener, Faithful Mine, Beaverhead County, Montana

Mrs. Roberta Wegener, Operator of the Faithful mine, met with me in Butte on April 7, 1954 to discuss the resumption of exploration under the DMEA contract. The contract is presently being administered by another engineer from the Bureau of Mines, but since I am familiar with the property I undertook to assist Mrs. Wegener.

Work completed to date under the DMEA contract includes approximately 100 feet of shaft sinking and 125 feet of drifting and crosscutting to the south. (Exact figures were not available because the engineer's copy of the contract was in Spokane.) All drifting and crosscutting were done off the bottom of the shaft (approx. 170' level). Exploration to date has been in an area showing much evidence of ground slumping along the vein. No significant mineralization has been encountered. There is approximately $6,000 remaining in the contract.

The original Faithful shaft is located about 150 feet to the north of the DMEA shaft. Accurate production records are not available on the old workings, all of which have long been in a caved state, the work having been performed during the late 19th century. There is sketchy evidence that some production resulted from the early work at the property.

Mrs. Wegener proposed that she drift north on the 100' level from the new shaft in an effort to pick up mineralization below the old workings. She was advised that the target appears logical enough, but that it would be unwise not to take full advantage of the depth provided by the new shaft. On the 100' level it is possible that old workings would be encountered, although the original work probably did not go deeper than 60 feet. However, by drifting north from the bottom of the shaft the Operator would be in a much better position to mine a noteworthy amount of ore if commercial mineralization were encountered.

The Operator's reluctance to drift north from the lowest possible depth stems from the fear of heavy ground at that level and the necessity of bailing water and mud from the workings at a greater depth than would be necessary at the 100' level.

It is recommended that the Field Team advise Mrs. Wegener that she is permitted to drift north on the Faithful vein from the bottom of the new shaft. It should be emphasized that as much as possible of the work should be as a drift on the vein rather than as a lateral.

No contract amendment is needed to cover the work described above.

7 check contract

Mr. W. Bradley Myers, geologist in charge of the contract for the U. S. Geological Survey, has been acquainted with the recommended changes and concurs with them.

John S. McNabb, Jr.

Orig. & 3 cys--Wash.
USGS (2)
DMEA
M/D
AD
Engr

910

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

December 16, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2254 (lead)
Roberta Wegener
Faithful Mine
Beaverhead County, Montana
Contract No. Idm-E434

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 1 to the subject contract, with attached justification.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Attachment

cc: Finance Office w/encl.
USBM (2)
Myers

RECEIVED
JAN 11 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

cc
12-21

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

1953

cc: DMEA (2)
USBM (2)
Myers

FILE COPY
SURNAME:

500

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

NOV 18 1953

Keating
Selfridge
Hightower

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-2254 (Lead-Copper)
Roberta Wagener
Faithful Mine
Beaverhead County, Montana
Contract No. Idm-E-434

Dear Mr. King:

This refers to your letter dated November 10, 1953, relative to the request of the above Operator for permission to recess work at the project during the winter period.

We approve of allowing a recess in this instance and suggest that you prepare and execute an amendment to permit stoppage of the work for a period which you believe to be reasonable, with a like extension of time for completion of the work if that is necessary.

Sincerely yours,

George C. Selfridge (JHB)
Chairman, Operating Committee

Approved:

J. H. Hedges (JHB)
Member, Bureau of Mines

T. P. Thayer (JHB)
Member, Geological Survey

AGKeating/bjl (11/17/53)

Copy to: Docket
Admr. R. File
O p. Committee
Base Metals
Mr. Bishop
Mr. Kinkel
Chron.

R.C.S. 11-18-53

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

NOV 16 1953

1201 N. Division St.
Spokane 2, Washington
November 10, 1953

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Subject: Docket No. DMEA 2254 (lead-copper)
Roberta Wegener, Faithful Mine
Beaverhead County, Montana
Contract No. Idm-E434

Dear Mr. Selfridge:

Enclosed herewith are two copies of a letter from Roberta Wegener, requesting permission to recess project work for the winter at the Faithful Mine in Beaverhead County, Montana.

The property is about 15 miles from a main highway over a poor road which is not kept open during the winter. Living conditions at the mine are very primitive. Under the circumstances we recommend that the request for a recession be granted.

By Field Team, Region II

M. E. Volin, Acting Exec. Officer
U. S. Bureau of Mines

Thor H. Kiilsgaard, Acting Member
U. S. Geological Survey

Enclosure

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 16 1953

C
O
P
Y

Basin, Montana
October 19, 1953

Mr. John S. McNabb
U. S. Bureau of Mines
917-A West Silver St.
Butte, Montana

Dear Mr. McNabb:

Owing to labor and high altitude conditions at the Faithful, am making hereby a formal request to close down the mine for the winter months, starting as of now.

I shall contact you later on, looking forward to a re-opening when the snow goes next Spring.

Thanking you most sincerely for your every consideration and kindness to me, I am

Sincerely yours,

Roberta Wegener /s/

Roberta Wegener
Operator, Faithful Mine
Beaverhead County, Montana

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 16 1953

1201 N. Division St.
Spokane 2, Washington
November 10, 1953

Mrs. Roberta Wegener
P. O. Box 9
Basin, Montana

Subject: Docket No. DMEA 2254 (lead-copper)
Faithful Mine
Beaverhead County, Montana
Contract No. Idm-X434

Dear Mrs. Wegener:

Reference is made to your letter of October 19, 1953, to Mr. John S. McNabb, U. S. Bureau of Mines, requesting a recession of project work for the winter months. We are forwarding your request to the Washington, D.C. office of DMEA with a recommendation for approval of the recession.

It will be necessary to withhold payment on your July 1953 voucher until work is resumed at the project.

By Field Team, Region II

M. K. Velin, Acting Exec. Officer
U. S. Bureau of Mines

Thor N. Kiilsgaard, Acting Member
U. S. Geological Survey

cc: DMEA, Wash. (2)
USGS (2)

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

1201 N. Division St.
Spokane 2, Washington
November 10, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: S. W. Zoldok, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA 2254 (lead-copper), Roberta Wegener, Faithful Mine, Beaverhead County, Montana, Contract No. Idm-E434

An inspection of the subject property was made on October 31, 1953. There was no one at the project at the time.

A light snowfall covered the ground, indicating no activity for at least a week or more. The shaft collar was boarded over, and because of the possibility of bad air the workings were not entered to check the progress.

In a letter to the Bureau of Mines, dated October 19, 1953, the Operator requested a recession of project work for the winter months. It is recommended that the request be granted.

S. W. Zoldok

S. W. Zoldok

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
SWZ/he

2254

800
230

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
February 23, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: John S. McNabb, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Contract Idm-E434, Faithful Mine, Roberta Wegener, Beaverhead County, Montana, Docket No. DMEA 2254 (lead-copper)

On February 8, 1953, Mrs. Roberta Wegener, Operator of the Faithful mine, met with me in Butte, Montana, to discuss the work currently being carried on under Contract Idm-E434.

Mrs. Wegener reported that the shaft sinking operation was continuing in a satisfactory manner. On February 1, 1953, the shaft had reached a depth of 150 feet and was timbered to 140 feet. The crew consists of Col. Eugene Rice, engineer in charge, and two shaft miners.

Mrs. Wegener expressed a desire to have the contract amended to permit the shaft to be sunk to a depth of 220 feet, the last 20 feet to be used as a sump. Under the present terms of the contract, funds for 100 feet of sinking are provided. This would carry the shaft to a total depth of 171 feet. Although Mrs. Wegener's desire to sink deeper was understandable, I explained to her that it would have to be performed at the expense of the lateral exploration as provided in the contract and that it would not be to the Government's advantage to lose any lateral work inasmuch as the contract provides for only a bare minimum as it is.

Mrs. Wegener then proposed that she sink an additional 50 feet on her own below the 171 foot level. I agreed to this proposal and informed her that plans for lateral exploration would be made after she had finished this additional work.

It can be expected that the shaft sinking program will be completed during the latter part of March 1953. At the present time the property cannot be reached by any normal means of conveyance. It is possible to get within approximately 15 miles of the property. By snowshoe from this point it would take two days to reach the mine and another two days to come out. The hazards involved in an individual making such a trip are great, and it would be inadvisable to attempt it.

Wow!

Present snow conditions will prevail in the vicinity of the Faithful mine until the first of May. Upon completion of the shaft sinking program in March the property should be visited by the DMEA field engineers so that the course of the lateral exploration may be determined. I have learned that there is a weasel sno-mobile which might be rented in Melrose, Montana. Its use would permit Mr. Myers of the USGS and myself to visit the Faithful mine during the month of March. Should the DMEA Field Team deem it advisable to procure the use of this vehicle, I will interview the owner and complete whatever negotiations might be necessary.

John S. McNabb

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
JSM/he

2254

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

1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

December 23, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: John S. McNabb, Mining Engineer, Bureau of Mines

Subject: Routine inspection of the Faithful Mine (Roberta Wegener), Beaverhead County, Montana, Contract Idm-E434, Docket No. DMEA 2254 (lead-copper)

A routine inspection of the Faithful mine was made on November 26, 1952. Work under Contract Idm-E434 commenced on November 14, 1952. At this time the shaft which is to be deepened under the contract was at a depth of 71 feet. A survey tag, USBM #139, was placed at a point 71 feet below the collar of the shaft and will be used as a reference point marking the start of work under Contract Idm-E434.

By November 26, 1952 the shaft had reached a depth of 91 feet. This rate of advance is satisfactory for a 3 man crew, especially when the many handicaps caused by snow, cold, and the remote location are considered. However, the Operator spent the summer and fall readying the camp and equipment so that a winter operation could be carried on.

A sawmill has been installed on the property and square set timber is framed and used in the 5.5' x 7.5' shaft. Wooden shaft guides are used so that the sinking bucket does not swing free, thus eliminating a safety hazard common to most small shaft sinking projects.

Work under Contract Idm-E434 is off to an excellent start, and the project is expected to progress rapidly unless severe snow conditions make it impossible to plow out the service road every month.

John S. McNabb

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
JSM

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

So. 157 Howard Street
Spokane 4, Washington

November 24, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA 2254 (Lead-Copper)
Roberta Wegener
Beaverhead County, Montana
Contract Idm-E434

Dear Mr. Johnson:

Enclosed are the original and two signed copies of the subject contract. Copies of the contract have been retained by the Operator, the Finance Officer, and by the Field Team.

Sincerely yours,

Thor H. Kiilsgaard
For: M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

Enclosure

cc: USBM (2)
Myers

WMC
11/28

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

[redacted]
So 157 Howard Street
Spokane 4, Washington

November 24, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA 2254 (Lead-Copper)
Roberta Wagoner
Beaverhead County, Montana
Contract Idm-5434

Dear Mr. Johnson:

Enclosed are the original and two signed copies of the subject contract. Copies of the contract have been retained by the Operator, the Finance Officer, and by the Field Team.

Sincerely yours,

Thor H. Kiilsgaard
For: M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

Enclosure

cc: USBM (2)
Myers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Washington
November 18, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 1952

Reply to: M. E. Volin, Member
DMEA Field Team,
Region II

Mrs. Roberta Wegener
Box 9
Basin, Montana

Subject: Docket No. 2254 (lead-copper)
Contract Idm-E434

Dear Mrs. Wegener:

This will acknowledge receipt of your letter of November 14, returning duly executed copies of the subject contract.

Enclosed are 6 copies each of Forms MF-104 and MF-104A to be used in reporting costs incurred under the contract. Detailed instructions for their use are included on the back of each form. Your contract is a "short form" type and provides for Government participation on the basis of $35.00 per foot of crosscut or drift and $70.00 per foot of shaft in lieu of actual costs. The Government will contribute one-half or $17.50 for each foot of drift or crosscut actually driven and $35.00 for each foot of shaft actually sunk under the contract.

Costs claimed should be entered after Item (1) on Form MF-104 and the number of units of each type of work completed during the period and the total units to date, as well as the allowable costs, entered in the proper columns on Form MF-104A. A narrative of progress and maps showing work done, assays of samples taken, geology, etc. should be included with each report.

Work may be started at your convenience any time within 60 days from the date of the contract. The starting point should be established and well marked.

If you have any further questions concerning the contract or reporting of costs, do not hesitate to call on us. Mr. J. S. McNabb of this office will visit the project as soon as possible and will be glad to help you in this regard.

Sincerely yours,

Thomas E. Howard
Chief, DMEA Section
Bureau of Mines, Region II

cc: J. S. McNabb
DMEA, Wash (2)
USGS (2)

Enclosures

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

[redacted]
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 0 1952

Kathy
Betty
(Docket)

November 12, 1952

2254

Mrs. Roberta Wagener
P. O. Box 9
Basin, Montana

Dear Mrs. Wagener:

Enclosed are the original and five copies of an exploration contract to your Faithful mine, which has been signed by the Government.

If the terms and conditions of this contract are satisfactory to you, please sign all copies, retain that copy marked for the Operator and return the others to this office.

We call your attention to the Owner's Consent to Lien agreement attached to copies of the contract which are to be signed by Helen J. Browne before the contract will become effective.

At your earliest convenience you should contact U. S. Bureau of Mines office, 1201 North Division Street, Spokane, Washington, and inquire as to the proper procedure for submitting monthly progress reports.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: USBM (2)
DMEA (2)✓
Myers

FILE COPY
SURNAME:

Keating
H. Keller

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

NOV 4 1952

to the Owner's

AGKeating/bw (written 10/31/52)
Copy to: Docket
Adm. R. File
Op. Comm.
H. F. Keller (2)
A. G. Keating
Mr. Bishop
Mr. McKnight
Chron.

FILE COPY
SURNAME:

Keating

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 5.0
WASHINGTON 25, D. C.

NOV 3 1952

Mrs. Roberta Spencer
[illegible] Box [illegible]
[illegible], Montana

Re: Docket No. [illegible] 2254 (Lease-on [illegible])
Contract Line E-434

Dear Mrs. Spencer:

Pursuant to our letter to you of October 23, you are hereby informed that a contract has been prepared and is being forwarded for your approval and signature to:

Mr. [illegible] Eisenburn
Executive Officer, Region II
[illegible] Field Team
[illegible] 159 Howard Street
[illegible] 4, [illegible]

Upon receipt of the contract, Mr. Eisenburn will communicate with you at his early convenience.

Sincerely yours,

H. F. Keller, Chief
Leasable Minerals Division

11-3-52

AGKeating/bw (written 10/30/52)
Copy to:
Docket
Adm. R. File
Op. Comm.
H. F. Keller (2)
A. G. Keating
Mr. Bishop
Mr. McKnight
Reg. II (2)
Chron.

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 140
WASHINGTON 25, D. C.

AEK (mef)

October 23, 1952

Memorandum

To: Administrator

Through: H. F. Keller

From: Chief Counsel

Subject: Docket No. DMEA-2254, Roberta Wegener

There is attached, in satisfactory legal form for execution, a contract covering the above-described project, subject to the following:

1. Attachment of the two maps therein referred to, and

2. Verification and insertion in Article 2 of the exact section in which the property is located. In the lease of the property it states that the property is in Section 2, but in the report of the Mining Engineer, it is stated to be in Section 3.

J. L. Hofflund
Chief Counsel

Attachment

AEKANe/mef
cc to: Mails and Files ✓
Mr. Kano
Mr. Hofflund
Chron.

6-95

BUREAU OF MI

REFERENCE SLIP

DATE 10/24

REFERRED TO:

1. Mr Keating (2616)
2.
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record
..... Comment	of.....
..... Conference	..... Referring
..... Consideration	to.....
..... Filing	..... Reply for sig.
..... Instructions	of.....
..... Investigation	..... Rewriting
..... Initials	..... Signature
..... Mailing	..... Suggestions
..... Previous corres.	..... Your information

REMARKS:

Check (X) before the items needing attention.

ACK (mcf)

Initials of sender.

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

October 23, 1952

Memorandum

To: Administrator

Through: H. F. Keller

From: Chief Counsel

Subject: Docket No. DMEA-2254, Roberta Wegener

There is attached, in satisfactory legal form for execution, a contract covering the above-described project, subject to the following:

1. Attachment of the two maps therein referred to, and Owner's Consent to Lien.

2. Verification and insertion in Article 2 of the exact section in which the property is located. In the lease of the property it states that the property is in Section 2, but in the report of the Mining Engineer, it is stated to be in Section 3.

For J. L. Hofflund
Chief Counsel

Attachment

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

October 23, 1952

Memorandum

To: Administrator

Through: H. F. Keller

From: Chief Counsel

Subject: Docket No. DMEA-2254, Roberta Wegener

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1. Attachment of the two maps therein referred to, and Owner's Consent to Lien.

2. Verification and insertion in Article 2 of the exact section in which the property is located. In the lease of the property it states that the property is in Section 2, but in the report of the Mining Engineer, it is stated to be in Section 3.

acd (mef)

J. L. Hofflund
Chief Counsel

Attachment

Memorandum:

To: Chief Counsel

From: Base Metals Division

Subject: Preparation of Contract Mrs. Roberta Wegener
Docket No. DMEA 2254 Faithful Mine, Montana

Copy of draft of proposed contract attached; please note omission of Section number in Article 2 of our draft contract form. This is due to the difference in description between the Section (3) as described in application and report and the Section (2) as described in the lease on the Faithful claim between the owner, Mrs. Browne and Mrs. Wegener.

To prevent delay, a completed contract can be sent to the Field Office with instructions to insert the proper Section number before execution of contract.

Keating

IN REPLY REFER TO:

G-MD-CNF

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

October 21, 1952

Memorandum

Re: DMEA-2254
Faithful Mine
Vipond District
Beaverhead County, Mont.
$17,500

To: Mr. H. F. Keller

From: E. L. Newcomb - O. M. Bishop

Subject: Deletion of diamond drilling from proposed contract.

The field team recommends that Stage I (diamond drilling) be deleted from their originally proposed contract. Under the new contract proposal, the project will involve 100 feet of shaft sinking, 100 feet of crosscutting and 200 feet of drifting.

The deletion of diamond drilling is necessary because the applicant is unable to provide matching funds for diamond drilling by an outside contractor. However, the applicant does own sufficient equipment to undertake the proposed underground work. The applicant's share on the project will be covered by the rental of her equipment and by the donation of three employees' time to the project.

Inasmuch as the proposed underground work will explore the same target area as the originally proposed drilling, there appears to be no reason for not approving a short form (unit cost) contract. Other properties, under similar circumstances, have been awarded this type of contract.

Although preliminary drilling would have been desirable, the underground work can still be justified on the basis of sampling results obtained by the Bureau, the operator, and the field examiners. A narrow vein of high grade ore in the 50 level crosscut near the footwall may possibly increase in width downdip. Further exploration near the footwall and across the 40 foot width of the vein at depth may disclose minable amounts of lead-silver ore.

We recommend that the underground project submitted by the field team be approved.

E. L. Newcomb

E. L. Newcomb
Geologist

O. M. Bishop

O. M. Bishop
Base Metals Branch

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

G-MD-CMF

October 21, 1952

Memorandum

Re: DMEA-2254
Faithful Mine
Vipond District
Beaverhead County, Mont.
$17,500

To: Mr. H. F. Keller

From: E. L. Newcomb - O. M. Bishop

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We recommend that the underground project submitted by the field team be approved.

E. L. Newcomb
Geologist

OMB
O. M. Bishop
Base Metals Branch

FILE COPY
SURNAME:
Keating

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

OCT 20 1952

[illegible]

[illegible]

[illegible]

[illegible] you [illegible]

[illegible]

[illegible] Keller, [illegible]

10-20

AGKeating/bw
(written 10/20/52)
Copy to: Docket
Admr. R. File
Op. Committee
H. F. Keller (2)
A. G. Keating
Mr. Bishop
Mr. McKnight
Reg. II (2)
Chron.

Reply
Keller

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 15 1952

Basin, Montana.
October 13, 1952.
Postoffice Box 9.

Mr. D. E. Mounds, Chief
Base Metals Division
Defense Minerals Exploration Adm.
U.S. Dept. of the Interior.

Dear Mr. Mounds:

Re:- Docket No.D.M.E.A.-2254 (lead-copper)
Faithful Mine, Montana.

Your kind letter of May 26th, 1952, in reply to my letter of May 1, 1952, received.

Every detail of the revised application was completed by Mr.Meyers of the Geological Department, some two months ago, and sent in to the Regional Office 11.

Your letter states: " We will be pleased to give the revised application prompt and careful attention."
Wont you please do just this for me?

I am in readiness completely to start my contract, and true to my letter I am now fifteen feet down in the shaft.

With deepest appreciation for any effort you may do on my behalf I remain

Sincerely yours
Roberta Wegener
Roberta Wegener.

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 10 1952

October 1, 1952

Memorandum

To: Mr. Frank E. Johnson, Chairman, Operating Committee, DMEA, Department of the Interior, Washington 25, D. C.

From: DMEA Field Team, Region II

Subject: Recommendation of Contract for Faithful Mine, Docket No. DMEA 2254 (lead-zinc), Mrs. Roberta Wegener, Beaverhead County, Montana.

In accordance with your letter of August 11, 1952, the Faithful mine has been re-examined by D. R. Irving of the Bureau of Mines and W. Bradley Myers of the Geological Survey. Memoranda from both Irving and Myers favorably recommending a small contract are attached and the Field Team concurs with this favorable recommendation. Inasmuch as the work will be done on a somewhat irregular or informal basis and without the payment of regular wages unless ore is found, it is essential that the contract be put on the short form on a unit basis. This is possible because the Operator will have all necessary equipment at her disposal.

In view of the other special circumstances attached to this contract as described in both Myers' and Irving's reports, the Field Team does not believe that the contract would be operable on any other basis.

Inasmuch as Myers was in the field, Myers' and Irving's reports were prepared independently although there was general agreement beforehand concerning what program would be recommended. This accounts for the differences in the two recommendations.

We recommend that Irving's costs be used and that the smaller amount of drifting provided for by Irving also be used with the expectation of amending the contract to allow additional drifting if circumstances warrant, on completion of the 200 feet of drifting. We also recommend that the contract provide for about 40 feet of dog hole crosscuts from the shaft as suggested by Myers. The purpose is to test the vein at intermediate levels during sinking, particularly to determine what effect there would be on the width and mineralization of the ore zone should the vein go into quartzite.

Because of possible interruption from inclement winter weather and because the work probably will at best progress at a slow rate, it seems advisable to allow 18 months to complete the contract rather than 12 months which Irving has suggested, and which should be applicable if we were dealing with the usual type of operator.

By DMEA Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: USBM (2)
Myers

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

1201 N. Division St.
Spokane 2, Wash.

OCT 1 0 1952

September 22, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: D. R. Irving, Mining Engineer, Bureau of Mines

Subject: DMEA Docket No. 2254 (lead-zinc), Mrs. Roberta Wegener, Basin, Montana, Faithful Mine, Vipond district, Beaverhead, Montana.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

An interview was held and a field examination made at the Faithful mine on July 28, 1952, with Mrs. Roberta Wegener, applicant, and Mr. E. R. Rice, mining engineer, to consider changes in a proposed exploration project contract. About three hours were spent on the property.

The applicant had installed adequate mining and sawmill machinery to conduct sinking and drifting, cleaned out the existing shaft, and was preparing to start sinking.

No additional geological evidence has been disclosed since the original examination; the inference of a south-plunging anticline in the Pilgrim limestone cannot be proved.

The same target will be reached by the revised proposal as by the original proposal.

It is recommended that the contract be revised to conform essentially to Mrs. Wegener's proposal, except that the work be done on a unit cost basis.

Information contained in the report of the original examination by Popoff and McNabb, dated December 14, 1951, is not repeated in this report.

COMPETENCY OF APPLICANT

So long as Mr. Rice is physically able to supervise operations, the mining will proceed in a satisfactory manner. His health

was good at the time of the examination, although he had been quite ill with either influenza or pneumonia a month before.

The time schedule should allow for a slow daily rate of progress in deference to Mr. Rice's strength.

THE PROPOSAL

Mrs. Wegener's proposal to delete portions of the work originally set forth in the contract is sound. It appears that the diamond drilling was proposed because if a south-plunging anticline exists in the Pilgrim limestone the present shaft location would be disadvantageous for future mining operations. However, no geologic evidence is disclosed to indicate the attitude of the beds through which the quartz vein cuts. The revised proposal will adequately explore the vein and the enclosing country rock and will reach the same target as the original proposal.

THE EXPLORATION PROJECT

It is proposed to allow Mrs. Wegener to sink the present shaft an additional 100 feet to a maximum depth of 150 feet. If the shaft intersects the Quadrant quartzite, as anticipated by Brad Myers, geologist, U. S. Geological Survey, sinking beyond the intersection should be left to the discretion of the Field Team.

Estimated costs are as follows:

(1)	Sink 100 feet maximum	@ $70.00	$7,000
(2)	Drift 200 feet	@ 35.00	7,000
(3)	Crosscut 100 feet	@ 35.00	3,500
	Total		$17,500

All necessary labor, supervision, mining equipment, and supplies can be furnished by the operator and are included in these estimated unit costs.

The time schedule set forth below will allow adequate time to complete the project.

Time Schedule

Sink 100 feet at 1 foot per shift, 1 shift per day	100 days
Drift 200 feet at 2 feet per shift, 1 shift per day	100 days
Crosscut 100 feet at 2 feet per shift, 1 shift per day	50 days
	250 days

Allow 12 months for completion.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

October 2, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: W. Brad Myers, Geologist, U. S. Geological Survey

Subject: Recommendation on revised application:
Docket No. DMEA-2254 (Lead-Copper)
Mrs. Roberta Wegener
Faithful Mine, Montana

It is recommended that Mrs. Roberta Wegener be granted a DMEA exploration loan in the amount of $19,300. Mrs. Wegener is prepared to furnish 50 percent of this amount in labor and equipment.

The writer examined the Faithful mine on June 29, 1952, in the company of Mr. George Aronis of the Greek Geological Survey, State Department Point IV Trainee. Short return visits to the mine were made on August 17 and 20, mainly to confer with the operators.

In general, the writer concurs with the statements and opinions presented in the earlier report by Popoff and McNabb of the Bureau of Mines. However, several points of difference exist and require comment. The Bureau of Mines report specifically indicates that underground exploration should be dependent on the favorable outcome of surface diamond drilling. In addition, the authors of the report contended that the location of the present shaft was in some way unsuitable for the execution of underground exploration.

A review of the operator's situation indicates that if any exploration is to be done at this property it must be done entirely by the applicants, largely with the equipment they now possess. Mrs. Wegener is a widow; as far as could be ascertained by the writer her revenue comes from annuities and/or securities which yield monthly payments. The amount of this payment is not known to the writer but it is plain that the applicant would not be able to supply the matching funds necessary to finance diamond drilling. She does own sufficient equipment, all carefully maintained, to accomplish the proposed under-

may form the west wall of the vein at shallow depth. No close estimate can be made of the position of the quartzite on the east wall of the vein but it is very possible that it may lie within 150 feet of the collar of the shaft and thus be intersected by the proposed exploration. The very wide quartz vein will probably narrow sharply where quartzite forms both walls. The effect on mineralization is unknown but a narrowed vein might concentrate the spotty mineralization seen on the surface. There is some justification for the belief that an additional 100 feet of depth may bring an increase in base metal mineralization at the expense of silver mineralization. The intersection of the top of the quartzite and the footwall of the vein might also be the site of residual enrichment and possibly some chemical enrichment by ore minerals carried down by leaching in the dolomite footwall. The ferruginous clay exposed in the shaft is the result of such leaching; gravel pebbles found by the writer in this clay 35 feet vertically below the base of the surficial mantle attest to the extensive solution slumping.

It is not believed that intersection of the quartzite in the shaft would result in undue difficulty either in planning subsequent exploration or in carrying it out. The two short wheelbarrow crosscuts provide the needed flexibility of exploration procedure.

In summation, the Faithful vein is a very large quartz vein with an exposed width of 40 feet, which at the exposure contains small areas of mineralization, some of commercial grade. The most promising zone in the vein is along the footwall. Exploration at depth and along the strike may encounter commercial lead mineralization. Geologic data are not sufficient to indicate clearly any compelling reasons for recommending or rejecting the exploration. A factor leading to the writer's recommendation in favor of exploration is that the operators and their equipment are now on the site and are actively preparing for underground work. They will attempt to carry out the proposal without DMEA aid but lack of finances will result in a very ineffective use of their equipment and effort. The writer is convinced that if DMEA exploration shows any encouraging results, the operators will engage in further exploration to the very limit of their resources.

W. Brad Myers,
Geologist

cc: DMEA (4)✓
USBM (2)
Myers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

October 1, 1952

Memorandum

To: Mr. Frank E. Johnson, Chairman, Operating Committee, DMEA, Department of the Interior, Washington 25, D. C.

From: DMEA Field Team, Region II

Subject: Recommendation of Contract for Faithful Mine, Docket No. DMEA 2254 (lead-zinc), Mrs. Roberta Wegener, Beaverhead County, Montana.

In accordance with your letter of August 11, 1952, the Faithful mine has been re-examined by D. R. Irving of the Bureau of Mines and W. Bradley Myers of the Geological Survey. Memoranda from both Irving and Myers favorably recommending a small contract are attached and the Field Team concurs with this favorable recommendation. Inasmuch as the work will be done on a somewhat irregular or informal basis and without the payment of regular wages unless ore is found, it is essential that the contract be put on the short form on a unit basis. This is possible because the Operator will have all necessary equipment at her disposal.

In view of the other special circumstances attached to this contract as described in both Myers' and Irving's reports, the Field Team does not believe that the contract would be operable on any other basis.

Inasmuch as Myers was in the field, Myers' and Irving's reports were prepared independently although there was general agreement beforehand concerning what program would be recommended. This accounts for the differences in the two recommendations.

We recommend that Irving's costs be used and that the smaller amount of drifting provided for by Irving also be used with the expectation of amending the contract to allow additional drifting if circumstances warrant, on completion of the 200 feet of drifting. We also recommend that the contract provide for about 40 feet of dog hole crosscuts from the shaft as suggested by Myers. The purpose is to test the vein at intermediate levels during sinking, particularly to determine what effect there would be on the width and mineralization of the ore zone should the vein go into quartzite.

Reviewed by
DMEA OPERATING COMMITTEE

10-17-52
(date)

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

1201 N. Division St.
Spokane 2, Wash.

Defense Minerals Administration
OCT 6 1952

September 22, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: D. R. Irving, Mining Engineer, Bureau of Mines

Subject: DMEA Docket No. 2254 (lead-zinc), Mrs. Roberta Wagener, Ennis, Montana, Faithful Mine, Vipond district, Beaverhead, Montana.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

An interview was held and a field examination made at the Faithful mine on July 28, 1952, with Mrs. Roberta Wagener, applicant, and Mr. E. R. Rice, mining engineer, to consider changes in a proposed exploration project contract. About three hours were spent on the property.

The applicant had installed adequate mining and sawmill machinery to conduct sinking and drifting, cleaned out the existing shaft, and was preparing to start sinking.

No additional geological evidence has been disclosed since the original examination; the inference of a south-plunging anticline in the Pilgrim limestone cannot be proved.

The same target will be reached by the revised proposal as by the original proposal.

It is recommended that the contract be revised to conform essentially to Mrs. Wagener's proposal, except that the work be done on a unit cost basis.

Information contained in the report of the original examination by Popoff and McNabb, dated December 14, 1951, is not repeated in this report.

COMPETENCY OF APPLICANT

So long as Mr. Rice is physically able to supervise operations, the mining will proceed in a satisfactory manner. His health

was good at the time of the examination, although he had been quite ill with either influenza or pneumonia a month before.

The time schedule should allow for a slow daily rate of progress in deference to Mr. Rice's strength.

THE PROPOSAL

Mrs. Wegener's proposal to delete portions of the work originally set forth in the contract is sound. It appears that the diamond drilling was proposed because if a south-plunging anticline exists in the Pilgrim limestone the present shaft location would be disadvantageous for future mining operations. However, no geologic evidence is disclosed to indicate the attitude of the beds through which the quartz vein cuts. The revised proposal will adequately explore the vein and the enclosing country rock and will reach the same target as the original proposal.

THE EXPLORATION PROJECT

It is proposed to allow Mrs. Wegener to sink the present shaft an additional 100 feet to a maximum depth of 150 feet. If the shaft intersects the Quadrant quartzite, as anticipated by Brad Myers, geologist, U. S. Geological Survey, sinking beyond the intersection should be left to the discretion of the Field Team.

Estimated costs are as follows:

(1)	Sink 100 feet maximum	@ $70.00	$7,000
(2)	Drift 200 feet	@ 35.00	7,000
(3)	Crosscut 100 feet	@ 35.00	3,500
	Total		$17,500

All necessary labor, supervision, mining equipment, and supplies can be furnished by the operator and are included in these estimated unit costs.

The time schedule set forth below will allow adequate time to complete the project.

Time Schedule

Sink 100 feet at 1 foot per shift, 1 shift per day	100 days
Drift 200 feet at 2 feet per shift, 1 shift per day	100 days
Crosscut 100 feet at 2 feet per shift, 1 shift per day	50 days
	250 days

Allow 12 months for completion.

Orig. & 3 cys--Wash.
USGS (2)

D. R. Irving

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

[illegible]

October [illegible], 1952

MEMORANDUM

TO: [illegible]

FROM: [illegible] Geological Survey

SUBJECT: [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Reviewed by
DMEA OPERATING COMMITTEE
10-17-52
(Date)

FILE COPY
SURNAME:

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

AUG 11 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA-2254 (Lead-Zinc)
Mrs. Roberta Wegener
Faithful Mine, Montana

Dear Mr. Weissenborn:

Under date of May 1, 1952, Mrs. Wegener wrote this office in reply to our inquiry regarding her ability to furnish the funds necessary for her share of participation in the proposed project. A copy of this letter was forwarded to your office on May 26, 1952. In this letter the Applicant indicated that she would be prepared to meet her share of a revised program by which the total cost of the initial application would be reduced from $36,500.00 to $20,000.00.

In our letter to you of May 26, 1952, we requested your consideration and recommendations relative to a revised application. A review of our files indicates that we have received no further information regarding this matter. Will you be kind enough to ascertain if Mrs. Wegener is still interested or if she does not intend to proceed with her request for exploration assistance. We are endeavoring to clear our inactive file and will appreciate your furnishing us with the necessary information regarding this application.

Sincerely yours,

S.N. 8-11-52

(signed) FRANK E. JOHNSON (WB)

Chairman, Operating Committee

APPROVED:

C. J. Johnson (WB)
Member, Bureau of Mines

C. J. Johnson (WB)
Member, Geological Survey

AGKeating/mb
August 6, 1952
cc to: Docket
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Keating
Mr. Bishop
Mr. McKnight
Region II
Chron

500

FILE COPY
SURNAME:

Keating
Moulds
Bishop
Lyons (Re McKnight)

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

MAY 26 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA-2254 (lead-copper)
Mrs. Roberta Wegener
Faithful Mine, Montana

Dear Mr. Weissenborn:

Attached is a copy of a letter from Mrs. Roberta Wegener, which is in reply to an inquiry from this office under date of April 15, regarding her ability to furnish the funds necessary for participation in the proposed project. While our inquiry is not answered directly, Mrs. Wegener may have assumed that she has done so inferentially, although this is not clear.

However, she indicates that she will be prepared to meet her share of a program having a total estimated cost of $20,000. Mrs. Wegener is now requesting that her original application be considered as revised to delete the following work:

1. Initial phase of diamond drilling.

2. New Buildings (bunk house).

3. Rehabilitation of present shaft.

The revised application to include the following:

(1) Sink the present shaft an additional 150 feet.

(2) Drift from the bottom of this shaft along the footwall of the vein in a southerly direction for a distance of 200 feet.

(3) Crosscuts to be driven through the vein from the drift for a total of 100 feet of crosscutting.

The revised work program will reduce the estimated cost of the project from a total of $36,500 to a total of something over $20,000.

We will appreciate your consideration of a revised application and ask that you forward us your recommendations.

DEMoulds/ hmj 5-20-52
CC to: Adm. Reading File
Docket File
Op. Comm.
Mr. Bishop
Mr. McKnight
Mr. Moulds
Region II
Mr. Keating

Enclosure - 1
APPROVED:

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration Administration

J. H. Hedges (HB)
Member, Bureau of Mines

D. M. Lemmon (HB)
Member, Geological Survey

FILE COPY
SURNAME:

Keating
Moulds
Bishop
Newcomb (for McKnight)
Lemmon
F E Jensen

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

MAY 26 1952

Mrs. Roberta Wagener
[illegible] Box 0
Butte, Montana

Re: Docket No. [illegible]-2[illegible] (Lead-zinc)
Smithfield Mine, Montana

Dear Mrs. Wagener:

We will acknowledge receipt of your letter of May 1, 1952, in which you request consideration of a revised application to eliminate from the initial proposed program; diamond drilling, rehabilitation of the present shaft, and construction of a new building.

Your request has been forwarded to the Region II Office for review, and upon receipt of their recommendations, we will be pleased to give the revised application prompt and careful attention.

Sincerely yours,

D. E. Moulds (mf) 5/26

D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration
Administration

JGKeating hj/jem
5/19/52
cc to: Adm. Reading File
Docket
Messrs. Bishop
McKnight
Moulds
Keating
Field Team, Region II (2)

P.O.Box 9.
Basin, Montana.
May 1, 1952.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1952

Mr. D. E. Moulds,
Chief, Base Metals Division
Washington, D.C.

Dear Mr. Moulds: Re: Docket No.DMEA 2254 (Copper-Lead... Faithful Mine)

Your letter of April 15th, was the first we have heard from the Bureau of Mines since last October.
Since this is the first real Consideration we have had from the Bureau would like to set forth the following for your attention.
If you have handy somewhere in the Bureau, an OPERATING Mining Engineer, who knows that work must be done to get the utmost in the field of Economics,i.e. work to get ore that can be mined and milled at a profit, I am sure he will agree on what I have to say.

1. Kindly let him look at Mr. Rice's report on the Faithful Mine. He will see that in lieu of diamond drilling, we uncovered the big, wholesome Faithful vein, with extremely pertinent and promising features also along the footwall. We have started a shaft and crosscutto prove the possible existence of secondary enrichment and ore shoots in the vein proper.
   This work cost us in the neighborhood of $40,000.

2. In about fourteen days we will be back at the mine.
   We have good prospecting equipment suitable for the next phase of work; highly intelligent and experienced engineering and mine labor.
3. We are going to go right ahead sinking our shaft, right where it is, and every time we get sufficient depth to warrant, we will crosscut the vein for ore. This we will continue until secondary enrichment is encountered, and mining whatever ore we encounter in the fractures in the vein proper.
   When we reach the secondary enrichment in the limestone we will have a wonderful producer. This we have done before, being highly successful.
4. It would be foolish, and an expenditure of useless money to undertake diamond drilling at this time. Later, yes, and for possible information rather interesting. Shallow drilling would have very doubtful results, and our whole year would be wasted and no constructive work accomplished.
   My Conclusions: Made from experience that I paid for.
   A. It is recommended that the present shaft be sunk to a depth of 150 feet and that drifting be done from the bottom of the shaft along the footwall of the vein to the south for a distance of 200 feet (every inch of work proves ore values pick up to the south), and that cross-cuts be driven through the vein from this drift. It is unnecessary to state that the foregoing may be altered in the light of discoveries that may be made during the progress of this work.
   There is no question as to the advantages of underground exploration as compared to diamond drilling as the second period of mineralization occurs in a fracture system in both the vein and limestone and it is of the utmost importance that this fracture system be solved. The best way to do this is

by underground work where ore-bearing fractures may be followed their characteristics be studied and their location, dip and strike be mapped. Diamond drilling could miss entirely the indication of fracture.

5. I made the mistake of allowing my application for help on this project to include diamond drilling at this time. It is not necessary.

6. I have sufficient funds, men and equipment to carry out my modest program at the mine, in the exact direction to do the most good, without the waste of one dollar.
   B. The whole idea of asking for help from my Government was to hurry the work and produce ore for our Emergency effort.
7. If you would be good enough to go thru this proposed project, striking out all unnecessary expenditure for this years work, send us an experienced operating mining engineer to look us over at work, and then give us a very reasonable sum to help us, for the modest sum that will be spent, you will no doubt find it dollar for dollar the finest expenditure made thru the Bureau. I have no debts whatever, and do not want to get saddled with a lot of unnecessary expenditure at this time.
8. The next phase of work calls for about $20,000.00 If the Bureau will actually expend $10,000, and I expend $10,000 in money, labor and equipment, over a period of say sixteen actual working months, that is all necessary at the present time.
9. When I encounter ore I want to mine and ship it, and pay back the Government every cent I owe them, and thereafter stop all help.

   C. You can cut out the diamond drilling program.
   D. You can cut out the building of a cabin. (We can still live in the one we have).
   E. You can cut out the first months expense. We will long have moved in and gone to work, and no doubt will have all the shaft cleaning, setting up, and several sets finished in the shaft, before the project is passed.

I hope this letter at long last has fallen into the hands of a gentleman with experience to give it full consideration. It might be refreshing to you to receive a letter from an operator who will not waste one dollar on poor mining methods, and will not consent to anything but extremely constructive work.
Awaiting your kind reply, I remain

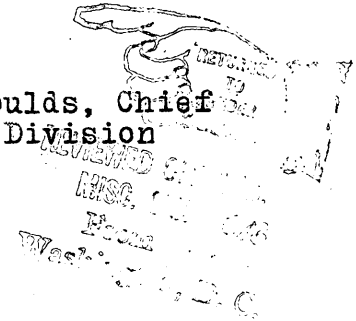
Sincerely yours

Roberta Wegener.
P.O.Box 9,
Basin, Montana.

Roberta Wegener
Box 9, Basin, Montana.

Insufficiently addressed.
Name of government bureau or divi

Mr. D. E. Moulds, Chief
Base Metals Division
Washington,
D.C.



Roberta Wegener
Box 9, Basin, Montana.

Mr. D.E. Moulds, Chief
Base Metals Division
U.S. Department of the Interior
Defense Minerals Administration
Washington,
D.C.

FILE COPY 500
SURNAME:

Keating
Moulds

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

Mrs. Roberta Wegener
P. O. Box 9
Basin, Montana

Re: Docket No. DMEA 2254 (Lead-Copper)
Faithful Mine

Dear Mrs. Wegener:

We have under consideration your application for aid for an exploration project. In this connection, as you no doubt understand, DMEA Order-1, a copy of which we are enclosing, provides that the Government will contribute a percentage of the total cost of the project. In case of lead and copper the contribution is on the basis of 50 percent to be provided by the Operator and 50 percent by the Government.

A study of your application indicates that the estimated cost of your project will total over $35,000. You state that you are prepared to invest $3,000.00 to $5,000.00 and the necessary labor and equipment. It appears that this amount is not sufficient to meet the requirements of your part of expenditures which the project would entail.

With regard to your furnishing the necessary labor, we must advise you that the Government cannot contribute its percentage of financial aid nor can you expect to be reimbursed except for funds actually expended for the benefit of the project. Wages can thus be reimbursed only on the basis of 50 percent of actual expenditures substantiated by payroll records. Likewise, the applicant will be paid for use of equipment an amount per month-in-use calculated on the basis of 0.83 percent of value. For example, the Government will pay the Operator $25.00 per month for a $3,000.00 compressor used on the project.

So that we may proceed with the consideration of your application, will you be kind enough to advise us if you are prepared to furnish the funds necessary for your financial participation in this project under the conditions as outlined above.

Sincerely yours,
D. E. Moulds (mch) 4/15

D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration
Administration

Enclosure-1
AGKeating/hmj 4-15-52
CC to: Adm. Reading File Docket File Copy
Region II Mr. McKnight Mr. Bishop Mr. Keating Mr. Moulds

4-7-52

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA-2254

To: Mr. C. O. Mittendorf

Commodity Lead, copper

Total Amount $35,014

Govt. Participation 50% $17,507

1. Name and Address of Applicant Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana

2. Location of Property Faithful mine, Vipond District, Beaverhead County, Montana. (sec. 3, T 2 S., R 11 W)

3. Mineral or metal Lead, 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 See field team report

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 (question 5, 6, 7)*

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

Does the lease have sufficient time to run to cover a future productive period? Yes, see supplementary agreement

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202? Yes, see proposed contract

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)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No, field examination has been made

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes, and she has a competent mine manager

Is a field check needed on this point? No, field check has been made

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

a) Is the project adequately described? Yes

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

b) Is there an adequate map or sketch of the proposed work? Yes

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

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? **Yes**

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

e) Are the cost estimates reasonable? **Yes**

f) Should more information be requested from applicant? **No**

g) Is a field examination necessary to complete Exhibit A? **Has been made**

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

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

c) Is a field check needed?_____

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

a) Is it applicable? **Yes**

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

c) Are rents and charges reasonable? **Yes**

d) Is a field check needed? **Has been made**

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

a) Are there sufficient data? **Yes**

b) Is the schedule adequate for the work proposed? **Yes**

c) Is the schedule excessive for the work proposed? **No**

d) Are the proposed wages and salaries reasonable? **Yes**

e) Is a field check needed? **Has been completed**

14. Exhibit E (question 23-c)*

a) Is it applicable?_____

b) Sufficient data?_____

c) Reasonable?_____

d) Field check needed?_____

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? **We concur with field team's report**

Reviewed by: H. E. Olund
H. E. Olund, BM
O. M. Bishop
O. M. Bishop, BM 3-31-52
E. L. Newcomb G.S.
E. L. Newcomb

Date 4-7-52

16. The applicant proposes to explore a strongly mineralized lead-copper-silver vein by diamond drilling. If the results of this drilling are favorable, an underground exploration program will be undertaken. This general program has been recommended by the field team as more suitable work than the applicant's original plan to deepen the present shaft and to drift on the vein.

The field team report recommends a two-stage program for approval. Under Stage I, 3 to 5 inclined holes will be drilled to explore the vein at a depth of approximately 160 feet from the surface. Stage II includes 150 feet of shaft sinking, 300 feet of drifting and 100 feet of cross-cutting.

The Faithful mine is located on a mineralized quartz fissure vein, which has a width of 40 feet, strikes N 23° E and dips 85° NW. The vein occurs in a limestone roof pendant of the Boulder batholith. The change in dip of the limestone near the mine suggests that the vein parallels the axis of a south-plunging anticline.

Mineralization occurs in small pods and fracture fillings in the quartz vein and in the quartz-limestone contact zones. Considerable oxidation has taken place in the upper part of the vein.

The only accessible workings are a bulldozer cut, several shallow trenches, a new 50 foot shaft on the footwall of the vein and a 30 foot crosscut.

Samples taken by the applicant average 4.4% lead and 5.1 oz. of silver per ton. Also, two samples, which were taken earlier by the Bureau of Mines, have an average grade of 6.6% lead and 7 oz. of silver per ton. No samples were taken by the field team. However, the field team estimates that the average grade of the ore is lower than the above groups of samples would indicate.

Up to the present time, the underground work has not indicated the existence of any significant amount of ore. However, a high grade vein was encountered on the 30 foot crosscut. The proposed drilling should find out whether this one foot vein develops into a promising ore shoot at depth.

Although the field team has located only the first hole of the proposed drilling, the general area for locating the other holes is indicated on Fig. 1 of their report.

The two-stage program, as outlined by the field team, is recommended geologically for approval.

E. L. Newcomb
E. L. Newcomb
Geologist

OMB

McKnight
Bishop

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA-2254

To: Mr. C. O. Mittendorf

Commodity Lead, copper

Total Amount $35,014

Govt. Participation 50% $17,507

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

c) Accessibility (question 12)* **Yes**

d) Water (question 13)* **Yes**

e) Power (question 13)* **Yes**

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

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

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f) Should more information be requested from applicant? **No**

g) Is a field examination necessary to complete Exhibit A? **Has been made**

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

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

c) Is a field check needed?_____

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

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a) Are there sufficient data? **Yes**

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c) Is the schedule excessive for the work proposed? **No**

d) Are the proposed wages and salaries reasonable? **Yes**

e) Is a field check needed? **Has been completed**

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? **We concur with field team's report**

Reviewed by: H E Olund
H. E. Olund, BM

O. M. Bishop, BM 3-31-52

E. L. Newcomb
E. L. Newcomb

Date 4-7-52

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Although the field team has located only the first hole of the proposed drilling, the general area for locating the other holes is indicated on Fig. 1 of their report.

The two-stage program, as outlined by the field team, is recommended geologically for approval.

E. L. Newcomb
E. L. Newcomb
Geologist

1-: Individual
2-: No
3-: No
4-: See 6-: of Form MF-100
5-: Lessee
6-: None
7-: Lease is in good standing. See attached copy.
8-: See attached copy
9-: $3,000.00 to $5,000.00 plus all of equipment and most of labor.
10-:
(a) One patented and six unpatented mining claims.
(b) Patented claim, Survey No. 4081
11-: See 2-: of Form MF-100
12-: See 13-: " " "
13-: For water see 14-: Form MF-100. Power during development will be internal combustion engines. 50H.P. on compressor, 40 H.P. on hoist, 20 H.P. on saw-mill; 60 H.P. on bulldozer, 4¢ per H.P.H.
14-: See 17-: Form MF-100
15-: Any shipping ore encountered during the course of the exploratory program would be shipped direct to the smelteries either at ~~Butte~~ Anaconda or East Helena, Montana or to those at Salt Lake City, Utah. All would depend on smelting rates, freight rates and payments per unit for lead and copper. Exploration will probably indicate the need of a concentrator on the property, but that does not enter into the picture at this time.
16-: See7-: Form MF-100
17-: Property is not now in production
18-:
(a) See report by E. R. Rice
(b) " " " " "
(c) None that can be described as blocked out, i.e., developed on three sides. However bulldozing on surface indicates the probability of several thousands of tons.
19-: None that are not covered by questions or are not included in report of E. R. Rice.

20-: Lead and copper. For disseminated ~~z~~, concentrating lead ore in the vein proper and for replacement lead, copper, silver ore in the adjacent limestone.
21-: It is proposed to do diamond drilling before initiating underground work. This diamond drilling would comprise the drilling of holes from the hanging to intercept the vein at various depths. No hard and fast rule can be given as all future holes would be predicated on the information obtained from the holes previously drilled. A maximum of 1,500 ft. of drilling is estimated. It is not believed that this amount will be necessary to warrant the initiation of underground mining work.
22-: See accompanying report of E. R. Rice.
23-:
(a) 1 operator @ $2.25 per hr. whose duties include hoisting, blacksmithing, operation of bulldozer, engineering, repairs etc., etc.
2 miners on shaft sinking, drifting and general underground work.

23-: (Continued)

(b) None

(c) Rehabilitation of shaft $650.00

(d) Erecting bunkhouse $1,500.00

(e) New hoisting cable $120.00

(f) None

(g) $492.00 per month plus estimated 126 hours rental of bulldozer @ $8.00 per hr.

(h) and (i) See accompanying Exhibit "A", page 3, in which supplies and fuel for power are included under Materials and Transportation.

24-: See accompanying Time Table.

C O P Y.

MINING LEASE WITH OPTION TO PURCHASE.

THIS AGREEMENT made and entered into on this the 22nd day of September, 1942, by and between Mrs. Helen J. Browne, of 251 Prnnsylvania Block, Butte, Montana, and hereinafter known as the party of the first part and lessor, and Mrs. Roberta Wegener of Anaconda, Deer Lodge County, Montana, the party of the second part, hereinafter called the lessee,

WITNESSETH:
That the said lessor for and in consideration of the rents, royalties, payments, covenants and promises of the said lessee and to be by her kept, paid, and performed, do hereby lease, demise and let unto the said lessee the following described Quartz Lode Mining Claim and premises situated in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County Montana, with all appurtenances thereon or in any way appertaining, and which said mining claim is more particularly described as follows, to-wit:

The Faithful Lode Survey Number 4081, which includes 20.66 acres, in Sec. 2, Twp 2 South, Range 11 West (unsurveyed(which is located in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County, Montana. Tax receipt for 1941 was issued to Mrs. Helen J. Browne Butte, Montana, by the treasurer of Beaverhead County, which receipt is numbered No. 262, as of date November 21, 1941.

With the right unto the said lessee to mine and extract ore from the said leased premises and to explore and prospect for ore therein on the terms and conditions hereinafter stated, and the lessor covenants and agrees to and with the said lessee that she whall have the quiet and peacable possession of said leased premises during the continuance of this lease.

TO HAVE AND TO HOLD the same unto the said lessee for the term of five years from and after the 22nd day of September, 1942 expiring at noon on the 22nd day of September, 1947, unless sooner forfeited or determined through violation of any covenants hereinafter by the said lessee made, promised or to be performed.

The said lessee, in consideration of said lease of said premises do hereby covenant and agree to and with said lessor as follows, to-wit:
That she will enter upon and take possession of the said leased and hereinafter described premises and hold the same under this lease; that she will work the same mine fashion in manner necessary to good and economical mining, so as to take out the greatest amount of ore possible with due regard to the safety, development and preservation of the said premises as a workable mine.

To work and mine said premises as aforesaid at least 300 shifts of mining work each year, which said work shall be done and performed at the following named times, to-wit, during and including the months of June, July, August, September, October and November of each year, at the discression of the said Mrs. Roberta Wegener, this being specifically stated due to the extreme snow and road conditions that exist in said mining district. Acts of God or Acts of Government are at all times duly considered for a time extension of this agreement. Failure to work said premises in the

manner and at the times during each year of the terms of this lease may be considered a violation of this covenant.

To well and sufficiently timber said mine at all points where proper, in accordance with good mining; and to repair all old timbering wherever it may be necessary.

To allow said lessor or her agent or agents to enter upon and into all parts of said mine for the purpose of inspection, with use of all passages, ropes, windlesses, ladderways, and all other means of ingress and egress for such purposes.

To occupy and hold all cross and parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in working under this lease or in any tunnel run or intersection said lodes or any thereof, by said lessee, or any person or persons under them, in any manner, at any point within 300 feet of the center of said lodes, as the property of said lessors; with the privilege to said lessee of working the same as an appurtenance of said demised premises during the term of this lease, and to not record the same nor allow the same to be located or recorded except in the name of the said lessor.

To keep at all times all working drifts, shafts, tunnels and other such passages and workings of said demised premises thoroughly drained, clear of loose rock and rubbish of all kinds.

To deliver up to said lessor the said premises with the appurtenances and all improvements in good order and condition with all such drifts, shafts, tunnels and other such passages thoroughly clear from rubbish and drained, the mine in all points ready for immediate continued working (accidents not arising from negligence alone excusing) without demand or further notice, said 22nd day of September, 1947, at noon or any time previous upon demand for forfeiture.

And finally upon the violation of said lessee, or any of the terms and conditions thereof, by the said lessee, or any person or persons under her of any covenant or covenants hereinbefore made or promised, the terms of lease shall at the option of said lessor expire and the same and the said premises with the appurtenances shall become forfeit to the said lessor and said lessor or her agent or agents may thereupon after demand of possession in writing, enter upon said premises and dispossess all persons occupying the same, with of without force and with or without process of law; or at the option of said lessor the said lessee and all persons found in occupation thereof or any part thereof, may be proceeded against as trespassers from the beginning of said terms both as to realty and the ore severed there from or as guilty of unlawful retainer. It is agreed however between the parties hereto that the party of the second part, may have thirty days from the time of reception of such notice of default to correct such forfeiture and become reinstated in full right and possession of said mining property.

The consideration of the premises and as rental of the aforesaid leased premises, lessee covenants and agrees to pay lessor the following royalties of the net smelter returns on all ore mined, extracted, found or removed and shipped to the smelter from the said leased and optioned premises, or from any part thereof, and in case any part of such ore should be sold or marketed through any agency or market other than by shipment to the smelter above indicated, then lessee covenants and agrees to pay lessor a royalty as

hereinafter stated of the net value of any and all such ore so marketed or sold, to-wit:
Such royalties are as follows:
Five percent on all ores up to and including net smelter returns of Fourteen Dollars ($14.00)
Ten percent on all ores up to and including net smelter returns of ores from $14.00 to $25.00.
Fifteen per cent on all ores net smelter return over $25.00.

It being expressly stipulated, agreed by and between the lessor and the lessee that said royalty shall be withold by the smelter or other marketing agency from the net returns or net value of the ore so mined or extracted as above described and paid over by said smelter or other marketing agency direct to the lessor. It is also agreed by and between the parties hereto that the terms "net returns" or "net smelter returns" and "net value", are used to describe and mean the value of the ore after deducting therefrom the railroad transportation charges and smelting and treatment charges, and a truck haulage charge of Three Dollars per ton for delivery or ore from the mine to the nearest loading station.

In further consideration of the premises and of the foregoing covenants and agreements, to be by the said lessee kept, paid, and performed, and the further sum of One Dollar, lawful money of the United States, paid to the said lessor by the said lessee, the receipt whereof is hereby acknowledged, and of their agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid to the said lessor the sum of Seven Thousand Five Hundred ($7500.00) Dollars, lawful money of the United States, and of her agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid the said sum to the said lessor in the following named amounts at the following named times to -wit:

Seven Thousand Five Hundred Dollars, on or before September 22, 1947, then and in that event lessor will thereupon make, execute, and deliver to said lessee, her nominee or assign, a good and sufficient deed of conveyance thereby conveying to said lessee, her nominee or assign, full title to said premises and the whole thereof, together with all mining rights and appurtenances thereunto belonging or in anywise appertaining. Lessor at all times during the terms of this agreement guarantees her full authority to make and enter into this agreement and will protect the said lessee against any party or parties claiming to or having any rights in said mining claim.

It is also agreed by and between the parties hereto that any and all royalties received by the said lessor during the term of this lease under the terms hereof shall be applied to the purchase price as above stated and that the option or purchase price as above stated is the sum of Seven Thousand Five Hundred Dollars, less the total amount of all royalties received by the lessor hereunder.

It is agreed that each and every clause and covenant of this indenture shall extend to the heirs, executors, administrators of the parties hereto, and to the assigns of said lessor, and to the assigns of said lessee, and that this lease and option cancels and annuls all and every lease and option heretofore executed by and between the parties hereto or any thereof. It is further understood and agreed by the parties hereto that the element of time is of essence of this agreement.

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

Signed Mrs Helen J. Browne
Lessor

Mrs. Roberta Wegener.
Lessee.

Witness: Mrs. Virginia Leeney.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Fifty ($50.00) Dollars to me in hand paid this 25th day of May, 1945, and for the further sum of $50.00 six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase dated September 22nd, 1942, and expiring the 22nd day of September 1947, to hereby read from September 22nd 1947 to September 22nd, 1955.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described, and during no year of said agreement shall monies or royalties paid on said agreement be less than One Hundred Dollars.

That the work and development on said Mining property during the National Emergency and War years, shall be optional with said party of the second part, Mrs. Roberta Wegener, owing to the character of the ores, the restrictions on man power and materials due to this Emergency, and to allow the said Mrs. Roberta Wegener the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option between the said party of the first part, Mrs Helen J. Browne of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener, of Boulder, Montana.

Dated at Butte, Montana, this 25th day of May, 1945.

Signed Helen J. Browne
Party of the first part.

Mrs. Roberta Wegener.
Party of the second part.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Twenty-five ($25.00) Dollars to me in hand paid this 29th day of May, 1951, and for the further sum of Twenty-five ($25.00) Dollars, six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase, dated September 22nd, 1942, and as stated in Suplementary Agreement dated the 25th day of May 1945, reading from September 22nd, 1947 to ~~xx~~ September 22nd, 1955, to read as follows: To be further extended to September 22nd, 1955 and expiring September 22nd, 1960.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described; and during no year of said agreement be less than One Hundred Fifty Dollars ($150.00), net sum be paid. That the work and development on said mining property during National Emergencies and War years, shall be optional with said Party of the second part, Mrs. Roberta Wegener, owing to the restrictions on man power and materials, and to allow the said Mrs. Roberta Wegener, the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option, between the parties hereto, and the Supplementary agreement dated the 25th day of May, 1945, between the said party of the first part, Mrs. Helen J. Browne, of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener of Boulder, Montana.

Dated at Butte, Montana, this 29th day of May, 1951.

Signed Helen J. Browne
Party of the first part.

Roberta Wegener
Party of the second part.

Witness:

Alice Paule
252 Penn. Block
Butte, Montana.

FINANCIAL STATEMENT.... PERUSAL U.S. BUREAU OF MINES.
ACCOMPANYING PROPOSED PROJECT FOR FAITHFUL MINE
BEAVERHEAD COUNTY, MONTANA.

As of November 1, 1951.

Four Patented copper, lead, and gold mining claims situated in Madison County, Montana.....	Valued...	$25,000.00
Five Hundred Seventy acres Patented Placer Ground situated in Jefferson County, Montana.....	Valued....	$75,000.00
Ten unpatented gold mining claims situated in Jefferson County, Montana.....	Valued....	$30,000.00
Five unpatented placer claims situated in Lewis and Clark County, Montana.....	Valued....	$ 5,600.00
Mining machinery, trucks, cars, household and personal belongings.....	Valued....	$25,000.00
United States Savings Bonds and cash on hand.....		2,000.00
	Total Valued.....	$152,000.00

[illegible].

Subscribed and sworn to this First Day of November, 1951.

Signed Roberta Wegener
Roberta Wegener, Owner

Witness E.R. Rice
E.R. Rice, E.M.

MF-200
(June 1951)

Docket No. DMA 2254
Commodity Pb-Cu

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Montana, County of Beaverhead described as follows: [3] Faithful patented claim (survey 4081), owned by Helene J. Browne, six unpatented claims: Sam, Colonel, Benny, Paetow, Roberta and Julian, owned by Mrs. Roberta Wegener; all located in sec. 3, T. 2 S., R. 11 W., Montana Principal Meridian with respect to which the Operator represents and undertakes: [4]

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

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

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

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided*, That the aggregate total of all sums paid by the Government under this agreement shall not exceed $17,507.00, which is 50 percent of the agreed estimated total cost of this project, $35,014.00.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

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

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A"

Exploration project

The purpose of the project is to explore at depth the Faithful quartz fissure vein and probable replacement bodies in limestone.

The exploration program consists of two stages. Diamond drilling shall precede underground exploration. Initiation of Stage II shall be contingent on Field Team approval after reviewing facts developed by Stage I.

Estimated cost of project

Description of work	Amount of work	Unit cost	Total cost
First Season (summer of 1952)			
1. Diamond drilling (3 - 5 holes, incline) by contract or force account	1500 ft	$ 6.00	$9,000.
Second Season (1953)			
2. Build bunkhouse 16'x18'		1455.00	1,455.
3. Mine rehabilitation (move in and install equipment, clean shaft, etc.)		597.00	597.
4. Bulldozing	126 hrs	5.90	750.
* 5. Sinking present shaft from 50 to 200 feet	150 ft 3mo	65.50	9,825.
6. Drifting	300 ft 3mo	32.75	9,825.
7. Crosscutting quartz vein	100 ft 1mo	35.62	3,562.
Total cost			$35,014.

Underground work will be performed at one shift a day, 6 days a week.

* Requires Field Team approval. Present shaft to be deepened or new shaft site selected, contingent on results of diamond drilling program.

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Time schedule

First Season (May - October, 1952)

1.	Diamond drilling (average 250 ft. per month)	5 months

Second Season (April - December 1953)

2.	Building bunkhouse	1/2 month
3.	Mine rehabilitation	1/2 month
4.	Bulldozing for cleaning snow and other work	when necessary
5.	Sinking shaft (2 ft. per shift)	3 months
6.	Drifting (4 ft. per shift)	3 months
7.	Crosscutting (3-1/2 ft. per shift)	1-1/2 months
	Total	8-1/2 months

MRS. ROBERTA WEGENER

EXHIBIT "A" cont.

Estimated Cost Breakdown

	Labor	Soc. Sec., compensation, etc.	Materials and transportation	Rental of equipment	Total per unit	Grand Total
Diamond drilling (contract)					1500 ft. @ $6/ft.	$ 9,000.
Erecting a bunkhouse 16'x18'	550.00	110.00	740.00	55.00	$1455.	1,455.
Rehabilitate mine (clean shaft, etc.)	20 shifts @ $2.25/hr. = $360.00	72.00	100.00	65.00	597.	597.
Bulldozing (126 hours)	$2.25/hr.	.45/hr.	2.00/hr.	1.20/hr	5.90/hr.	750.
Sinking shaft 150' @ 2'/shift	33.80/ft.	6.76/ft.	19.44/ft.	5.50/ft.	65.50/ft.	9,825.
Drifting 300' @ 4'/shift	16.90/ft.	3.38/ft.	9.72/ft.	2.75/ft.	32.75/ft.	9,825.
Crosscutting (in quartz) 100' @ 3-1/2'/shift	19.01/ft.	3.80	9.72/ft.	3.09/ft.	35.62/ft.	3,562.
			Total Project Cost			$35014.00

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Fixtures and improvements

1 Bunkhouse 16' x 18'		
Labor	550.00	
soc. Sec. and insurance	110.00	
Materials and transportation	740.00	
Rental equipment	55.00	$1,455.00
1 Cabin (cookhouse) 15' x 18'	Usable without repairs	
1 Building for compressor, hoist, and blacksmith shop	Usable without repairs	

Operating equipment

To be furnished by operator

	Cost	Depreciation allowance
Crawler type tractor "Cletrac" No. 35 with 8 ft. blade (angledozer) 1935, overhauled	$4,000.	$ 7.20/hr. $57.60/day?
Compressor, Ingersoll-Rand, 14, with gasoline engine, 210 cfm, overhauled	1,500.	53.00/mo.? $75.00
Hoist, heavy duty (750 ft) with gasoline engine	2,000.	64.00? - $33
Truck, International, 1936, 4-ton, C-60, overhauled	1,500.	53.00? $75
Truck, Chevrolet pickup, 1/2-ton, 1937, overhauled, new tires	400.	29.00? $7
2 Jackhammers, Gardner-Denver, with columns, shells, hoses	500.	26.00? $8
Saw, cut-off, 36" with gasoline engine	300.	13.00? $5
Blacksmith and acetylene welder outfits	250.	10.00? $4
Mine car	60.	2.00? $1
Water tank	300.	5.00 $5

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Labor and supervision

1	Operator	$2.25/hr.	Duties: supervision, engineering, hoist men, bulldozer operations, blacksmithing and repairs
2	Miners	2.25/hr.	shaft sinking and general underground mining
1	Surface worker	1.95/hr.	when needed

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Beaverhead, State of Montana, described in a certain Exploration Project Contract dated October 31, 1951, between Mrs Roberta Wegener, P. O. Box 9, Basin, Montana, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 22, 1942 and supplementary agreements dated May 25, 1945 and May 29, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 8 day of November, 1951

Helen J. Browne

Helen J. Browne

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

251 Pennsylvania Block, Butte, Montana

MF-200
(June 1951)

Docket No. DMA 2254
Commodity Pb-Cu

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this ..... day of ....., 195..., between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana

hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Montana, County of Beaverhead described as follows: [3] Faithful patented claim (survey 4081) owned by Helene J. Browne, six unpatented claims: Sam, Colonel, Benny, Paetow, Roberta and Julian, owned by Mrs. Roberta Wegener; all located in sec. 3, T. 2 S., R. 11 W., Montana Principal Meridian

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

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

~~of Faithful patented claim~~ of six unpatented claims

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

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

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $ 17,507.00, which is 50 percent of the agreed estimated total cost of this project, $35,014.00.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

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

[illegible]

[illegible] "A" cont.

Estimated cost breakdown

	Labor	Soc. Sec., compensation, etc.	Materials and transportation	Rental of equipment	Total per unit	Grand total
Blasting drifts (contract)					100 ft. @/ft.	7,000.
Rectify a continuous 16'x16'	550.00	110.00	700.00	25.00	1,385.	1,485.
Cone dilitate ins (clear shaft, [illegible])	20 shifts 2.25/hr. * 330.00	72.00	100.00	[illegible]	2 7.	5 7.
Silozin (12 hours)	2.25/hr.	.50/hr.	2.00/hr.	1.25/hr	5.50/hr.	150.
Sinking shaft 30' 2'/shift	33.00/ft.	5.75/ft.	1.40/ft.	2.20/ft.	42.50/ft.	2,125.
Drifting 300' 4'/shift	16.00/ft.	3.37/ft.	.72/ft.	2.75/ft.	32.75/ft.	9,825.
Crosscutting (in quartz) 100' 3-1/2'/shift	1.00/ft.	3.00	.72/ft.	3.00/ft.	32.72/ft.	3,272.
			Total for [illegible] cost			3001.00

[illegible]
Exploration Project Contract

[illegible] "A" cont.

Fixtures and Improvements

Bunkhouse 1[illegible]' x 1[illegible]'		
Labor	750.00	
Soc. Sec. and Insurance	110.00	
Materials and transportation	740.00	
Rental equipment	55.00	1,655.00
1 Cabin (cookhouse) 1[illegible]' x 1[illegible]'	Usable without repairs	
1 Outbuilding for compressor, hoist, and blacksmith shop	Usable without repairs	

Operating equipment

[illegible] furnished by operator

	Cost	Depreciation allowance
Crawler type tractor "Letrac" [illegible] with 3 ft. blade (bulldozer) 1935, overhauled	[illegible],000.	7.2[illegible]
Compressor, Ingersoll-Rand, [illegible], with gasoline engine, 21[illegible] cfm, overhauled	1,[illegible].	[illegible]
Hoist, heavy duty (750 ft) with gasoline engine	2,000.	[illegible]
Truck, International, 1/3, 4-ton, 1-[illegible], overhauled	1,000.	[illegible]
Truck, Chevrolet pickup, 1/2-ton, 1937, overhauled, new tires	[illegible]00.	2[illegible]
2 blacksmithers, Barber-Greene, with columns, shells, hoses	500.	20[illegible]
Saw, cut-off, 3" with gasoline engine	300.	[illegible]
Blacksmith and acetylene welder outfits	250.	[illegible]
Jeep car	600.	[illegible]
Water tank	300.	[illegible]

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Beaverhead, State of Montana, described in a certain Exploration Project Contract dated October 31, 1951, between Mrs Roberta Wegener, PO. Box 9, Basin, Montana, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 22, 1942 and supplementary agreements dated May 25, 1945 and May 29, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 8 day of November, 1951

Helen J Browne

Helen J. Browne

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

251 Pennsylvania Block, Butte, Montana

MF-120
(June 1951)

Docket No. DMA 2254
Commodity Pb-Cu

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195___, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana

hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Montana, County of Beaverhead described as follows: [3] Faithful patented claim (survey 4081), owned by Helene J. Browne, six unpatented claims: Sam, Colonel, Benny, Paetow, Roberta and Julian, owned by Mrs. Roberta Wegener; all located in sec. 3, T. 2 S., R. 11 W., Montana Principal Meridian

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

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

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

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

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $17,507.00, which is 50 percent of the agreed estimated total cost of this project, $35,014.00.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

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

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A"

Exploration project

The purpose of the project is to explore at depth the Faithful quartz fissure vein and probable replacement bodies in limestone.

The exploration program consists of two stages. Diamond drilling shall precede underground exploration. Initiation of Stage II shall be contingent on Field Team approval after reviewing facts developed by Stage I.

Estimated cost of project

Description of work	Amount of work	Unit cost	Total cost
First Season (summer of 1952)			
1. Diamond drilling (3 - 5 holes, incline) by contract or force account	1500 ft	$ 6.00	$9,000.
Second Season (1953)			
2. Build bunkhouse 16'x18'		1455.00	1,455.
3. Mine rehabilitation (move in and install equipment, clean shaft, etc.)		597.00	597.
4. Bulldozing	126 hrs	5.90	750.
* 5. Sinking present shaft from 50 to 200 feet	150 ft	65.50	9,825.
6. Drifting	300 ft	32.75	9,825.
7. Crosscutting quartz vein	100 ft	35.62	3,562.
Total cost			$35,014.

Underground work will be performed at one shift a day, 6 days a week.

* Requires Field Team approval. Present shaft to be deepened or new shaft site selected, contingent on results of diamond drilling program.

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Time schedule

First Season (May - October, 1952)

1.	Diamond drilling (average 250 ft. per month)	5 months

Second Season (April - December 1953)

2.	Building bunkhouse	1/2 month
3.	Mine rehabilitation	1/2 month
4.	Bulldozing for cleaning snow and other work	when necessary
5.	Sinking shaft (2 ft. per shift)	3 months
6.	Drifting (4 ft. per shift)	3 months
7.	Crosscutting (3-1/2 ft. per shift)	1-1/2 months
	Total	8-1/2 months

MRS. ROBERTA WEGENER

EXHIBIT "A" cont.

Estimated Cost Breakdown

	Labor	Soc. Sec., compensation, etc.	Materials and transportation	Rental of equipment	Total per unit	Grand Total
Diamond drilling (contract)					1500 ft. @ $6/ft.	$ 9,000.
Erecting a bunkhouse 16'x18'	550.00	110.00	740.00	55.00	$1455.	1,455.
Rehabilitate mine (clean shaft, etc.)	20 shifts @ $2.25/hr. = $360.00	72.00	100.00	65.00	597.	597.
Bulldozing (126 hours)	$2.25/hr.	.45/hr.	2.00/hr.	1.20/hr	5.90/hr.	750.
Sinking shaft 150' @ 2'/shift	33.80/ft.	6.76/ft.	19.44/ft.	5.50/ft.	65.50/ft.	9,825.
Drifting 300' @ 4'/shift	16.90/ft.	3.38/ft.	9.72/ft.	2.75/ft.	32.75/ft.	9,825.
Crosscutting (in quartz) 100' @ 3-1/2'/shift	19.01/ft.	3.80	9.72/ft.	3.09/ft.	35.62/ft.	3,562.
			Total Project Cost			$35014.00

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Fixtures and improvements

1 Bunkhouse 16' x 18'		
Labor	550.00	
soc. Sec. and insurance	110.00	
Materials and transportation	740.00	
Rental equipment	55.00	$1,455.00
1 Cabin (cookhouse) 15' x 18'	Usable without repairs	
1 Building for compressor, hoist, and blacksmith shop	Usable without repairs	

Operating equipment

To be furnished by operator

	Cost	Depreciation allowance
Crawler type tractor "Cletrac" No. 35 with 8 ft. blade (angledozer) 1935, overhauled	$4,000.	$ 7.20/hr.
Compressor, Ingersoll-Rand, 14, with gasoline engine, 210 cfm, overhauled	1,500.	53.00/mo.
Hoist, heavy duty (750 ft) with gasoline engine	2,000.	64.00
Truck, International, 1936, 4-ton, C-60, overhauled	1,500.	53.00
Truck, Chevrolet pickup, 1/2-ton, 1937, overhauled, new tires	400.	29.00
2 Jackhammers, Gardner-Denver, with columns, shells, hoses	500.	26.00
Saw, cut-off, 36" with gasoline engine	300.	13.00
Blacksmith and acetylene welder outfits	250.	10.00
Mine car	60.	2.00
Water tank	300.	5.00

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Labor and supervision

1	Operator	$2.25/hr.	Duties: supervision, engineering, hoist men, bulldozer operations, blacksmithing and repairs
2	Miners	2.25/hr.	shaft sinking and general underground mining
1	Surface worker	1.95/hr.	when needed

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Beaverhead, State of Montana, described in a certain Exploration Project Contract dated October 31, 1951, between Mrs Roberta Wegener, PO. Box 9, Basin, Montana, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 22, 1942 and supplementary agreements dated May 25, 1945 and May 29, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 8 day of November 1951.

Helen J Browne

Helen J. Browne

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

251 Pennsylvania Block, Butte, Montana

MF-200
(June 1951)

Docket No. DMA 2254
Commodity Pb-Cu

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Montana, County of Beaverhead described as follows: [3] Faithful patented claim (survey 4081), owned by Helene J. Browne, six unpatented claims: Sam, Colonel, Benny, Paetow, Roberta and Julian, owned by Mrs. Roberta Wegener; all located in sec. 3, T. 2 S., R. 11 W., Montana Principal Meridian with respect to which the Operator represents and undertakes: [4]

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

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

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

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $17,507.00, which is 50 percent of the agreed estimated total cost of this project; $35,014.00.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ---

By ---

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

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Fixtures and improvements

1 Bunkhouse 16' x 18'		
Labor	550.00	
soc. Sec. and insurance	110.00	
Materials and transportation	740.00	
Rental equipment	55.00	$1,455.00
1 Cabin (cookhouse) 15' x 18'	Usable without repairs	
1 Building for compressor, hoist, and blacksmith shop	Usable without repairs	

Operating equipment

To be furnished by operator

	Cost	Depreciation allowance
Crawler type tractor "Cletrac" No. 35 with 8 ft. blade (angledozer) 1935, overhauled	$4,000.	$ 7.20/hr.
Compressor, Ingersoll-Rand, 14, with gasoline engine, 210 cfm, overhauled	1,500.	53.00/mo.
Hoist, heavy duty (750 ft) with gasoline engine	2,000.	64.00
Truck, International, 1936, 4-ton, C-60, overhauled	1,500.	53.00
Truck, Chevrolet pickup, 1/2-ton, 1937, overhauled, new tires	400.	29.00
2 Jackhammers, Gardner-Denver, with columns, shells, hoses	500.	26.00
Saw, cut-off, 36" with gasoline engine	300.	13.00
Blacksmith and acetylene welder outfits	250.	10.00
Mine car	60.	2.00
Water tank	300.	5.00

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Labor and supervision

1	Operator	$2.25/hr.	Duties: supervision, engineering, hoist men, bulldozer operations, blacksmithing and repairs
2	Miners	2.25/hr.	shaft sinking and general underground mining
1	Surface worker	1.95/hr.	when needed

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Beaverhead, State of Montana, described in a certain Exploration Project Contract dated October 31, 1951 between Mrs Roberta Wegener, P. O. Box 9, Basin, Montana, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 22, 1942 and supplementary agreements dated May 25, 1945 and May 29, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 8 day of November, 1951.

Helen J Browne

Helen J. Browne

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

251 Pennsylvania Block, Butte, Montana

MF-500
(June 1951)

Docket No. DMA 2254
Commodity Pb-Cu

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Montana, County of Beaverhead described as follows: [3] Faithful patented claim (survey 4081), owned by Helene J. Browne, six unpatented claims: Sam, Colonel, Benny, Paetow, Roberta and Julian, owned by Mrs. Roberta Wegener; all located in sec. 3, T. 2 S., R. 11 W., Montana Principal Meridian with respect to which the Operator represents and undertakes: [4]

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

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

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

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $17,507.00, which is 50 percent of the agreed estimated total cost of this project, $35,014.00.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

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

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Time schedule

First Season (May - October, 1952)

1.	Diamond drilling (average 250 ft. per month)	5 months

Second Season (April - December 1953)

2.	Building bunkhouse	1/2 month
3.	Mine rehabilitation	1/2 month
4.	Bulldozing for cleaning snow and other work	when necessary
5.	Sinking shaft (2 ft. per shift)	3 months
6.	Drifting (4 ft. per shift)	3 months
7.	Crosscutting (3-1/2 ft. per shift)	1-1/2 months
	Total	8-1/2 months

MRS. ROBERTA WEGENER
Exploration Project Contract

EXHIBIT "A" cont.

Fixtures and improvements

1 Bunkhouse 16' x 18'		
Labor	550.00	
soc. Sec. and insurance	110.00	
Materials and transportation	740.00	
Rental equipment	55.00	$1,455.00
1 Cabin (cookhouse) 15' x 18'	Usable without repairs	
1 Building for compressor, hoist, and blacksmith shop	Usable without repairs	

Operating equipment

To be furnished by operator

	Cost	Depreciation allowance
Crawler type tractor "Cletrac" No. 35 with 8 ft. blade (angledozer) 1935, overhauled	$4,000.	$ 7.20/hr.
Compressor, Ingersoll-Rand, 14, with gasoline engine, 210 cfm, overhauled	1,500.	53.00/mo.
Hoist, heavy duty (750 ft) with gasoline engine	2,000.	64.00
Truck, International, 1936, 4-ton, C-60, overhauled	1,500.	53.00
Truck, Chevrolet pickup, 1/2-ton, 1937, overhauled, new tires	400.	29.00
2 Jackhammers, Gardner-Denver, with columns, shells, hoses	500.	26.00
Saw, cut-off, 36" with gasoline engine	300.	13.00
Blacksmith and acetylene welder outfits	250.	10.00
Mine car	60.	2.00
Water tank	300.	5.00

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Beaverhead, State of Montana, described in a certain Exploration Project Contract dated October 31, 1951, between Mrs Roberta Wegener, P.O. Box 9, Basin, Montana, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 22, 1942 and supplementary agreements dated May 25, 1945 and May 29, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 8 day of November, 1951.

Helen J. Browne

Helen J. Browne

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

251 Pennsylvania Block, Butte, Montana

MF-200
(June 1951)

Docket No. DMA 2254
Commodity Pb-Cu

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Mrs. Roberta Wegener, P. O. Box 9, Basin, Montana

hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Montana, County of Beaverhead described as follows: [3] Faithful patented claim (survey 4081) owned by Helene J. Browne, six unpatented claims: Sam, Colonel, Benny, Paetow, Roberta and Julian, owned by Mrs. Roberta Wegener; all located in sec. 3, T. 2 S., R. 11 W., Montana Principal Meridian

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

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

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

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

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided*, That the aggregate total of all sums paid by the Government under this agreement shall not exceed $17,507.00, which is 50 percent of the agreed estimated total cost of this project, $35,014.00.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

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

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Beaverhead, State of Montana, described in a certain Exploration Project Contract dated October 31, 1951 between Mrs Roberta Wegener, P. O. Box 9, Basin, Montana, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 22, 1942 and supplementary agreements dated May 25, 1945 and May 29, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 8 day of November, 1951.

Helen J. Browne

Helen J. Browne

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

251 Pennsylvania Block, Butte, Montana

DMEA-~~[illegible]~~ 2254

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1201 N. Division St.
Spokane 2, Wash.
January 23, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 18 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region II

Subject: Application for exploration assistance, Faithful Mine, Beaverhead County, Mont. Commodity: Lead

The Field Team recommends the subject application for favorable consideration. A recommendation report and exploration project contract with subordination agreements, prepared prior to docketing by C. C. Popoff and J. S. McNabb, mining engineers, Bureau of Mines, are enclosed for review together with the following docket material:

MF-100 (2 copies)
103 (2 copies)

Available geologic evidence indicates the target vein structure to be favorably situated and unusually strong. Sampling information shows this structure to contain a significant amount of lead together with some copper and silver. Inferred ore reserves amounting to about 60,000 tons may well be substantiated by the step exploration project outlined in the specimen contract.

By Field Team, Region II

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures

cc: USGS, Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1201 N. Division
Spokane, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 0 1952

December 14, 1951

Reviewed by
DMEA OPERATING COMMITTEE
2-25-52
(date) (JHB)

MEMORANDUM

To: M. E. Volin, Member, DMEA, Field Team, Region II

From: C. C. Popoff and J. S. McNabb, Mining Engineers, U.S.Bureau of Mines

Subject: Faithful Mine, Beaverhead County, Montana
Docket No. 2254; Commodity: Lead

RECOMMENDATIONS

It is recommended that Mrs. Roberta Wegener be granted a DMA exploration loan in the amount of $39,000. The operator of the Faithful mine is prepared to furnish 50 percent of this amount.

APPLICANT

The applicant, Mrs. Roberta Wegener, Basin, Montana, has been lessee and operator of the Faithful mine since 1942. She is owner and operator of several gold placers and gold mines in Montana, and has on hand necessary equipment for small scale mining operations.

LOCATION

The Faithful or Julian Wegener mine in sec. 3, T. 2 S., R. 11 W., M.P.M. is in the Vipond mining district, Beaverhead County, Montana. It is about 40 miles southwest of Butte and 11 miles south of Dewey on State Highway 43. The mine is reached from Dewey by following the Quartz Hill mines road, thence, the Vipond Park forest service road, and finally, the mine access road.

The property consists of the Faithful patented claim, survey No. 4081, and the Julian, Roberta, Paetow, Benny, Colonel, and Sam unpatented claims (fig. 1).

OWNERSHIP

The Faithful mine owned by Mrs. Helen J. Brown, 251 Pennsylvania Block, Butte, Montana, is held by Mrs. Wegener under a 10 year lease and option to purchase for $7,500. The lease dated September 22, 1942, has been extended until September 22, 1955, by supplementary agreements.

Six unpatented claims are owned by Mrs. Wegener by location.

PHYSICAL FEATURES

The property lies in the Pioneer Mountains, northeast of Sheep Mountain (elevation, 9,950 feet) and west of Vipond Plateau, locally known as Vipond Park. It is on the south fork of Adson Creek that flows to Wise River, a tributary of the Big Hole River. The altitude of the mine workings is about 8,500 feet.

The surface on the claims is covered by timber suitable for mining purposes.

Heavy snowfalls during the winter are common. Roads leading to the mine are open from May to November. Year around mining operations will require periodic bulldozer cleaning.

HISTORY AND PRODUCTION

The deposit was discovered in the early seventies and was operated as a silver mine until the 1890's. It was inactive until World War II, when an attempt was made by the present operator to develop the property as a lead producer. An access road was built by the Government with the approval of the U. S. Bureau of Mines.

Records of early production are missing. Since World War II only test shipments of lead-silver ore have been made.

DESCRIPTION OF PROPOSAL

The applicant requests a sum of $39,000.00 to be used for exploration, with $19,500.00 of the amount to be provided by the DMA. The operator proposes to expend the loan in the following manner:

Diamond Drilling	$9,000
New Bunkhouse	1,500
Rehabilitation of mine	650
Bulldozing	1,600
Underground mining	26,250
Total	$39,000

Detailed estimated cost breakdown is given on page 3, exhibit "A", attached to the exploration project contract.

TECHNICAL FEASIBILITY

Geologic Setting

The geology of the Vipond mining district is briefly described in USGS Bulletin 574 by Alexander N. Winchell, pages 78 and 79, date 1914. Additional information on the geology of the Faithful mine is given in a private report by E. R. Rice, mining engineer, dated April 25, 1951. This report accompanies application form MF-103. The geology of the Quartz Hill mining area adjoining the Faithful mine is described in an unpublished thesis by Hossan Goudarzi of the Montana School of Mines, Butte, Mont.

No geologic map of the Faithful mine area is available, and little can be done in this respect as the surface is covered with glacial debris. Outcrops are few and surface workings are limited to a small portion of the Faithful claim.

The principal feature of the Faithful mine area is a strong ore-bearing quartz fissure vein within the Upper Cambrian Pilgram limestone. The vein is about 40 feet wide, strikes N. 23° E., and dips 85° W. The limestone, locally striking NNW and dipping 25° SW, is believed to be a part of a south-plunging anticline. The Faithful vein apparently crosses this structure parallel to its axis. Similar anticlinal structures are recognized in the Quartz Hill mine area, northeast of the Faithful mine, and at the Hecla mine (Bryant) mining district, south of the property.

The Faithful vein, partly explored by bulldozing, is about 40 feet wide and several hundred feet long. This vein structure contains lead, copper, and silver in the form of galena and silver-bearing tetrahedrite, accompanied by a highly siliceous gangue. These sulfides are found in small pods, fracture fillings, and as small disseminated crystals. At and near the surface the sulfide minerals are partly altered to cerussite, anglesite, malachite, azurite, and undetermined silver minerals.

Reliable information concerning both the concentration and disposition of these ore minerals within the vein structure is lacking as the surface exploration is incomplete. An early, 9-ton test shipment treated at the American Smelting & Refining Co. smelter at East Helena, Mont., indicated the following metal content:

Lead	7.8 percent
Copper	.2 "
Zinc	1.7 "
Silver	16.8 oz. per ton
Gold	.15 " " "

It is presumed that the above-indicated shipment was upgraded to a considerable degree by hand sorting.

The localization of productive replacement ore shoots at the intersection of the vein structure with favorable limestone beds in the Faithful mine area is considered a reasonable assumption. This relationship has been observed in both the Quartz Hill and Hecla mines.

DESCRIPTION OF MINE WORKINGS

The accessible workings consist of a bulldozer cut, a few shallow trenches, a new 50-foot vertical shaft (4-1/2 x 9 feet) and a 30-foot crosscut. Several caved shafts, one with remnants of a horse gin, are evidences of considerable and relatively deep old underground operations.

GRADE AND ORE RESERVES

No samples were taken during the examination. Analyses of U. S. Bureau of Mines samples 1/ taken from the trench that uncovered part of the quartz vein averaged for 14 feet of width: 6.34 percent Pb and 7.11 oz/tn Ag. Samples taken by the operator vary from 3.8 percent to 4.9 percent Pb, and from 4.4 to 5.8 oz/tn Ag. Shipment of 18 tons of sorted dump material averaged 6.2 percent Pb, 0.7 percent Cu, 24.1 oz/tn Ag and 0.08 oz/tn of Au.

At the present stage of exploration, ore reserves indicated by surface workings and available for extraction by open pit methods are limited to 5,000 tons (USBM, 1942). Inferred reserves to a depth of 100 feet and for 15 feet of width are estimated to be about 60,000 tons. In the opinion of the examining engineers, the probable average grade will be lower than indicated by the above sampling. The above estimate of grade and reserves is for the quartz vein. No replacement bodies of high grade ore have been found to date. A reserve estimate for such bodies cannot be made at the present time.

TIME SCHEDULE

The two-year period requested by the operator is considered adequate to complete the program. Diamond drilling by force account or contract is scheduled during the summer of 1952. Rehabilitation of the mine and underground operations will follow in the second

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1/ War Minerals Report, Bureau of Mines, 1942.

season, the year of 1953. The program may be completed in a shorter time if the results of the first diamond drill holes will warrant early underground exploration and if mining operations should be conducted two shifts a day instead of one.

EQUIPMENT AND FACILITIES

The new shaft is equipped with a head frame and a hoist and shop combination building. The mining camp consists of an old cabin which is used both for living and cooking purposes.

Mining equipment at the present time is stored in the Boulder district, Montana, and will be moved to the mine on short notice when necessary. It consists of a bulldozer, trucks, and equipment for hoisting and drilling. A detailed list of equipment is given in Exhibit "C" attached to the exploration project contract.

LABOR SUPPLY

Underground work will be performed one shift a day, six days per week. Two miners will be transferred by the operator from her gold mines, and Mr. Rice, a mining engineer, will be the permanent personnel at the project. One or two surface workers may be added occasionally in the initial stage for rehabilitation of the mine and for building the bunkhouse. Wage rates for miners will correspond closely to those accepted at Butte, Mont.

POWER: TYPE AND AVAILABILITY

Power requirements for exploration will be met by gasoline driven equipment. Electric power may be obtained later, if desired, from the Montana Power Co. The nearest transmission line is at the Quartz Hill mining camp, about 5 miles from the Faithful property.

TRANSPORTATION

All supplies for the mine will be purchased at Butte, Mont., and moved by the operator's trucks. Divide, Mont., a railroad station on the Butte-Salt Lake City line of the Union Pacific Railroad, is about 20 miles from the property. No access road to the mine is required.

ADEQUACY OF REQUESTED FUNDS

The requested funds are sufficient for the proposed program. Drilling costs per foot are tentative and include water supply by truck for a distance of less than a mile. Cost of underground mining is estimated by Mr. Rice, a mining engineer, on the basis of his experience in the district.

COMPETENCE OF APPLICANT

Mrs. Roberta Wegener has been associated with the mining industry for many years and has experience in general management and operation of mining enterprises in South Dakota, Montana, Wyoming, and British Columbia. Mr. E. R. Rice, mining engineer, is the manager of Mrs. Wegener's mining properties. A graduate of the Michigan College of Mining and Technology (1905), Mr. Rice has had extensive mining experience and is the author of several technical papers. In spite of his years, he is an active mining operator. A close friend of the late Mr. Wegener, Mr. Rice is helping the widow. His duties will include engineering, surveying, hoisting, bulldozing, and blacksmithing for the wages of a miner.

DISCUSSION OF PROPOSAL

The proposal as presented by the applicant is sound. Diamond drilling is included by the advice of the examining engineers. The original proposal was to deepen the present shaft from 50 to 200 feet and explore the vein structure contact by drifting in search of high grade ore shoots in the limestone. In view of the south plunging anticlinal structure the location of the present shaft for underground exploration was questioned by the examining engineers. It is believed that the drilling in addition to exploring the mineralized quartz vein at depth will supply the project with pertinent information regarding the geology of the area and controlling factors governing the deposition of ore shoots in limestone. It is expressly emphasized that the program of sinking and drifting be contingent on the results of the diamond drilling exploration.

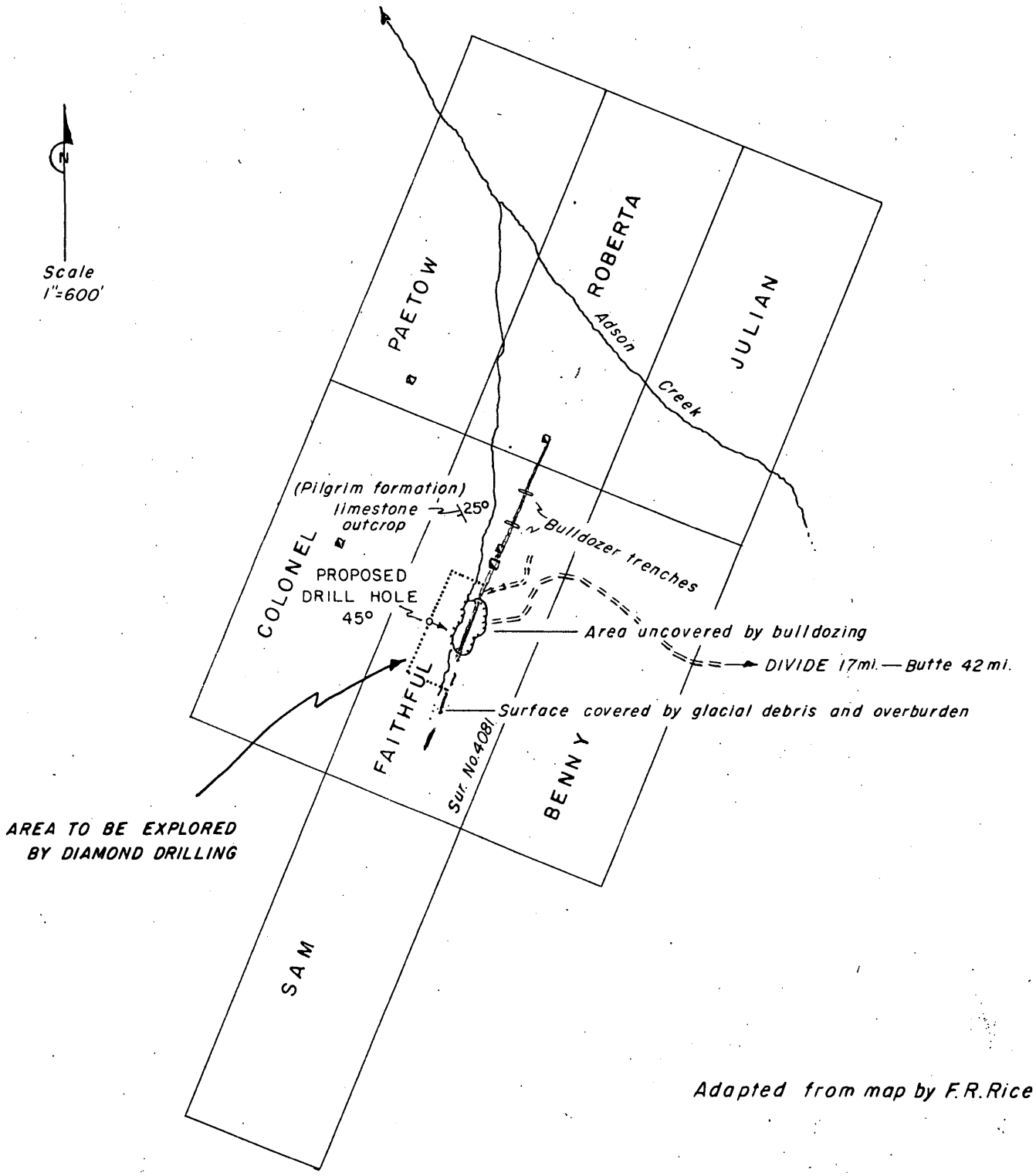
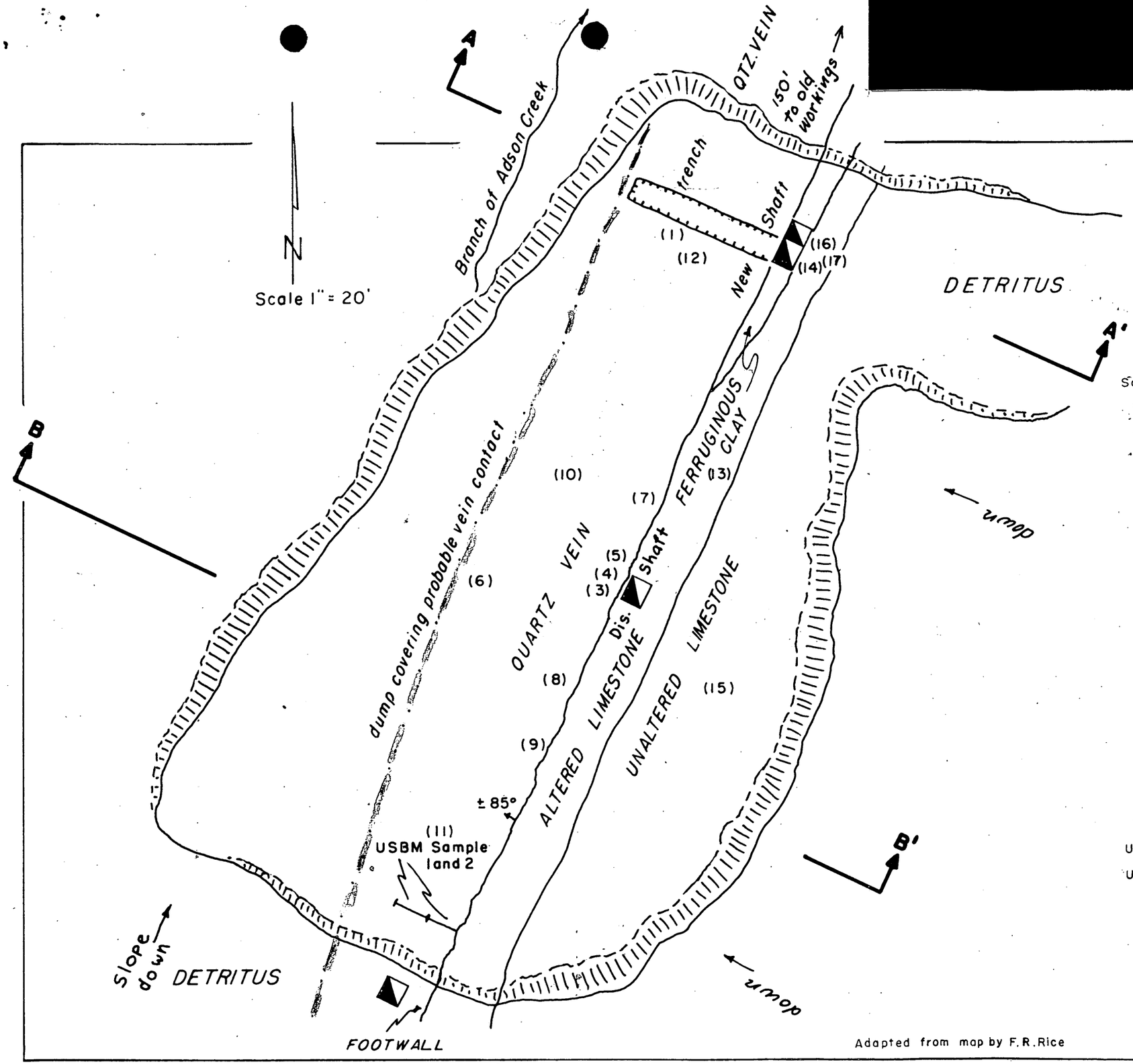


Figure I.— Claim map of Faithful Mine, Beaverhead County, Montana.

D.M.A. Docket No. _____



Adapted from map by F.R.Rice

Sample No	Width	Pb%	Cu%	Ag Oz	Au Oz	Description
1	14'	6.3	—	7.1	0.01	Chip sample from outcrop
2	—	—	0.9	30.3	—	——
3	—	—	2.0	52.7	—	Dump, copper stained
4	—	13.2	—	13.6	—	Dump, vuggy quartz
5	—	—	—	7.7	—	Dump, gossan
6	—	3.7	—	2.8	—	Quartz with dissminated galena
7	—	0.6	—	0.6	—	Leached quartz
8	4'	3.8	—	4.4	—	Quartz with dissiminated galena
9	—	11.3	—	10.0	—	100 lbs. ore bulldozed from footwall
10	—	—	—	4.1	—	Quartz stained
11	—	—	—	7.8	—	Hard quartz, greenish
12	—	22.6	—	22.6	—	100 lbs. ore bulldozed from outcrop
13	0.25'	21.8	11.3	374.6	—	Cerussite and galena stringer in footwall, limestone
14	—	12.8	7.7	62.4	—	Limestone replacement, ore in shaft
15	—	—	—	1.6	—	Limestone, unaltered
16	—	—	—	0.6	—	Ferruginous clay from shaft
17	—	—	—	-4.0	—	Ferruginous clay from shaft
USBM 1	6'	8.8	—	13.4	tr	——
USBM 2	8'	4.5	—	2.4	tr	——

Figure 2. Plan of part of Faithful Vein, Faithful Mine, Beaverhead County, Montana.

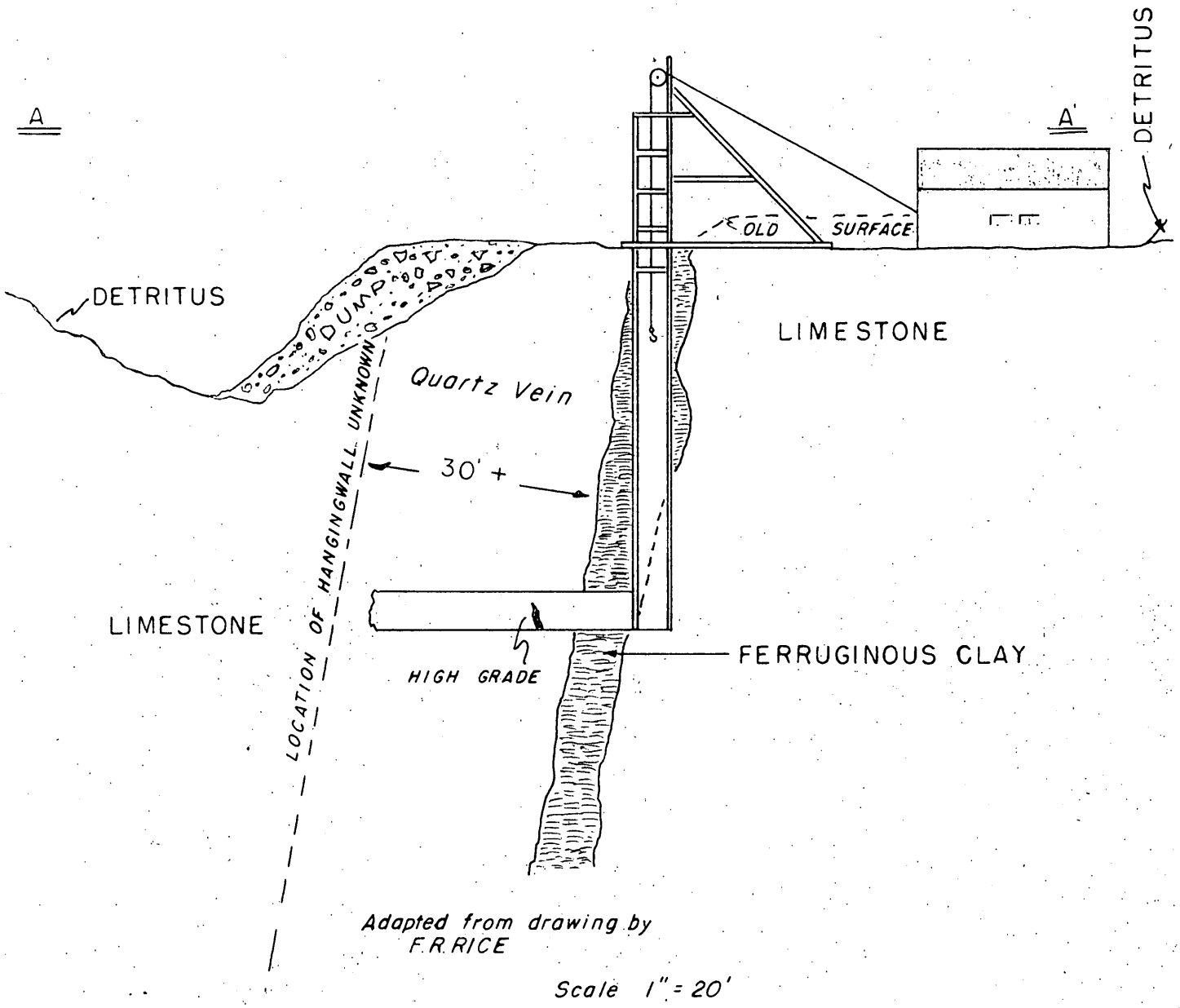


Figure 3. — Section A—A', Figure 2, Faithful Mine, Beaverhead County, Montana

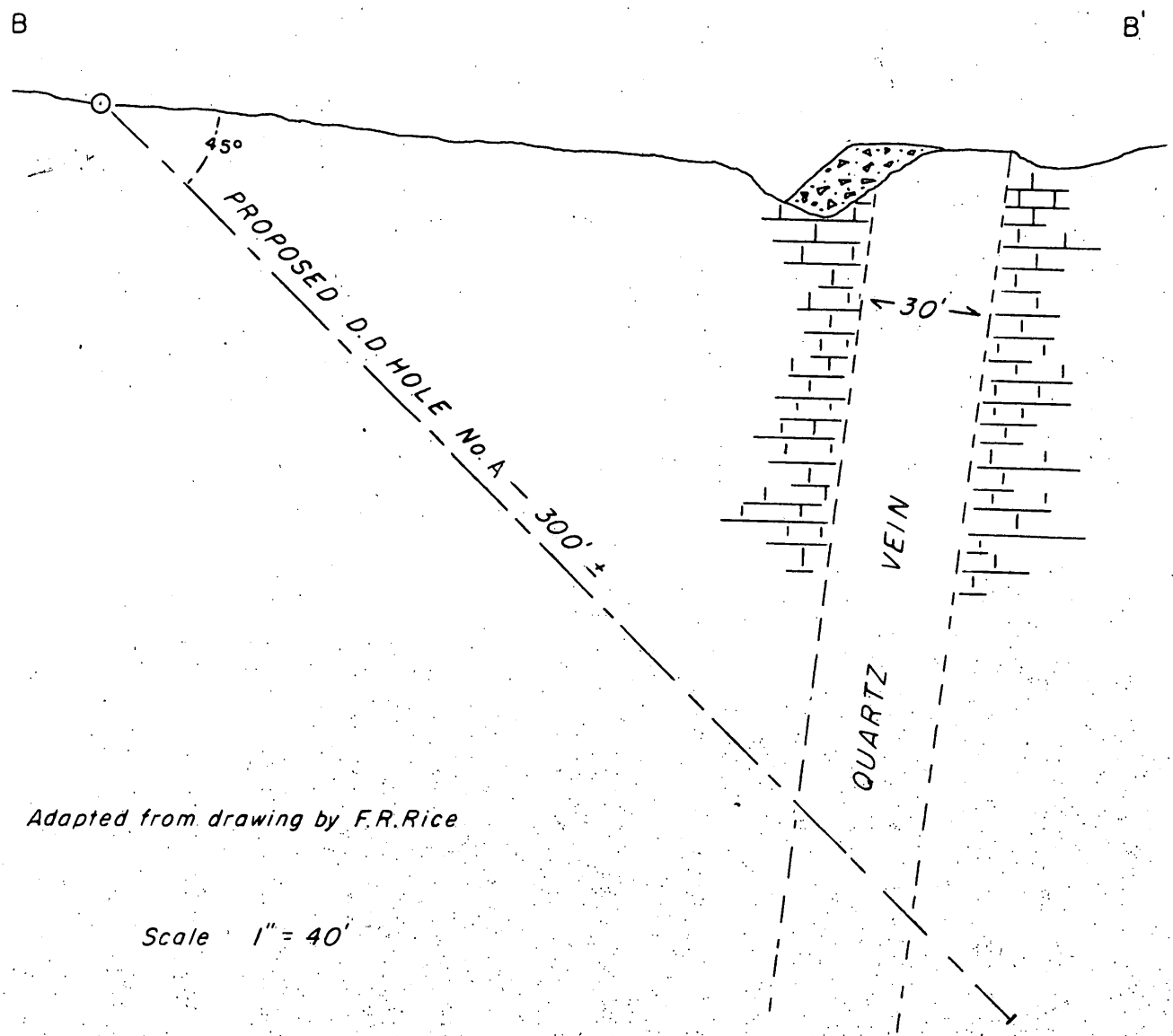


Figure 4. — Section B — B', Figure 2, showing proposed drill hole Faithful Mine, Beaverhead County, Montana.

DMEA-238

[illegible]
[illegible] 2, [illegible]
January 23, 1952

[illegible]

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region [illegible]

Subject: Application for exploration assistance, Faithful Mine, Beaverhead County, Mont. Commodity: Lead

The Field Team recommends the subject application for favorable consideration. A recommendation report and exploration project contract with subsidiary agreements, prepared prior to departing [illegible] Popoff and [illegible] Cross, mining engineers, Bureau of Mines, are enclosed for review together with the following docket material:

[illegible]-107 (2 copies)
103 (2 copies)

Available geologic evidence indicates the target vein structure to be favorably situated and unusually strong. Sampling information shows this structure to contain a significant amount of lead together with some copper and silver. Inferred ore reserves amounting to about 50,000 tons may well be substantiated by the step exploration project outlined in the specimen contract.

[illegible] Field Team, Region [illegible]

Thor H. Kiilsgaard
For [illegible] Weissenborn, Chief Officer
(U. S. Geological Survey)

Enclosures

[illegible]
(U. S. Bureau of Mines)

[illegible]: [illegible], Spokane

DMEA-2382
DMEA 2254

[illegible]
[illegible] 2, [illegible].
January 23, 1952

[illegible]

[illegible]: Chairman, Operating Committee, [illegible], Washington, D. C.

[illegible]: Field [illegible], [illegible]

Subject: Application for exploration assistance, Pailbrill [illegible] Inc., Cavernous [illegible], [illegible]. [illegible]: [illegible]

The Field [illegible] recommends the subject application for favorable consideration. A reconnaissance report and exploration project contract with subordination agreements, prepared prior to [illegible] by [illegible] C. Popoff and [illegible], mining engineers, Bureau of Mines, are enclosed for review together with the following docket material:

(-100 (2 copies)
103 (2 copies)

Available geologic evidence indicates the target vein structure to be favorably situated and unusually strong. Sampling information shows this structure to contain a significant amount of lead together with some copper and silver. Inferred ore reserves amounting to about 50,000 tons may well be substantiated by the step exploration project outlined in the operation contract.

[illegible] Field [illegible], Region [illegible]

Thor H. Kiilsgaard
For [illegible]
[illegible] Geological Survey,

[illegible]

[illegible]
[illegible], [illegible]
([illegible] Bureau of Mines)

[illegible]: [illegible], [illegible]

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. Nov 26 1951

dmea 2254

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

So. 157 Howard Street
Spokane 4, Washington

November 20, 1951

MEMORANDUM

TO: Operating Committee, DMEA, Washington 25, D. C.

FROM: Field Team, Region II

SUBJECT: Transmittal of DMEA application
Faithful mine
Beaverhead County, Montana

Three copies of the subject application are forwarded herewith. Inasmuch as engineers of the Bureau of Mines are familiar with the property, a report with appropriate recommendations is in preparation and the fourth copy of the application is being retained here to facilitate preparation of this report.

A. E. Weissenborn
A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures
cc: U.S.B.M.

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

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

No. 197 Howard Street
Spokane 4, Washington

November 20, 1951

MEMORANDUM

To: Operating Committee, DMA, Washington 25, D. C.

From: Field Team, Region II

Subject: Transmittal of DMA application
Faithful Mine
Beaverhead County, Montana

Three copies of the subject application are forwarded herewith. Inasmuch as engineers of the Bureau of Mines are familiar with the property, a report with appropriate recommendations is in preparation and the fourth copy of the application is being retained here to facilitate preparation of this report.

A. H. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures
cc: U.S.B.M.

Subject: DMEA-2254
Re: Exploration Loan
Faithful Mine

Mrs. Roberta Wegener
P. O. Box 9
Basin, Montana

My dear Mrs. Wegener:

This will acknowledge receipt of your application dated October 16, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2254 and referred to the Base Metals Branch.

Kindly refer to DMEA-2254 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, Chief
Reports & Records Unit

7862

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.E.A. 2254

Date received 11-26-51

Mrs. Roberta Wegener
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 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) 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 _____
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.

DEFENSE MINERALS ADMINISTRATION WASH. 25, D.C.

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.

1-:

(a) Lead, copper, silver
(b) None

2-:
Name of mine: Faithful; old name the same. Type: Quartz lode accompanied by replacement in limestone wall-rock. No mill, smelter etc.
(a) 50 ft. new work. Unknown amt. old ones, now caved.
(b) 30 ft. " " " " " " " "
(c) None new. " " " " " " "
(d) Vein uncovered by bulldozing for a length of 120 ft. and a maximum width of 40 ft.
Mine is not flooded and there are no pumping problems. However during a period of about three weeks during the Spring, water from melting snow seeps down through the outcrop. As soon as the snow is melted, this surface water rapidly drains away.
Being as the property is in the development stage, it is impossible at this time to definitely state the productive capacity. However from the size of the vein and the geology, it will probably be 300 tons per day.

3-:
(a) 17 miles southwest from Divide, Montana, which is on the railroad.
(b) Vipond
(c) Sec. 3; T2S; R11W of the Montana Base and Meridian.
(d) Beaverhead County, Montana.

4-:
(a) Yes
(b) Roberta Wegener, operating as lessee

5-: Was operated before the turn of the century, but number of years is unknown. Judging from old dumps, buildings etc. and interviews with old timers, this work extended over a period of years.
Property in operation and estimated date of production is 1952.

6-:
(a) Applicant, Roberta Wegener, has had long and successful experience inoperation and financial aspects of mining and allied industries.. Developed and sold South Homestake at Lead So. Dak. Developed and brought in oil wells at Graybull, Wyoming. Developed Bayonne mine in British Columbia, besides extensive experience in general business.

(b) Manager of property, E.R.Rice, E.M. has had a long and successful experience in the operation and management of mines.

Held former worlds record in shaft sinking. See "Sinking Van-Dyke No. 1 Shaft", E. and M. J., May 21, 1921.
See "Churn Drilling of Disseminated Copper Deposits". E. and M. J., June 25, 1921.
See "Graphical Solution of Fault Problems", E. and M. J., March 22, 1913.
See "A Lode Gold Mine in Colombia", E. and M. J., May, 1942 by Forbes Wilson and Balfour Darnell. This mine was developed, equipment installed and the mine brought into production by E.R. Rice as mine manager from 1933 to 1937 during which time messers Wilson and Darnell were respectively mine and mill superintendents.
Developed Golden Sunlight Mine, at Whitehall, Montana 1937-1938 for A. O. Smith Corporation, Milwaukee, Wis.

7-:
(a) Mine was discovered in 1870 and evidently was operated for the silver values as at that time the lead and copper did not amount to much from a monetary standpoint. Old residents say that ore was packed by mule-train from the Faithful to be reduced at the Hecla smeltery. This is substantiated by the old, caved workings, dumps and old buildings. Probably the reason for the suspension of operations by the old timers was due to the demonetization of silver in the 90's. as at that time, with the location of the property and with the then existing transportation facilities, the lead and copper accompanying the silver, had no value.

(b) Quartz Hill , 3 miles to the northeast has a production record of some $3,000,000.00. The Hecla mine, 6 miles to the south and with the same type of ore and occuring in the same geological formation as the Faithful, has a recorded production of in excess of $25,000,000.00, old price of metals.

(c) See accompanying report on Faithful Mine, by E.R.Rice, E.M.

8-: Applicant is not a corporation.

9-: None

10-: None

11-: Property not now producing.

12-: See report of E.R.Rice accompanying this application.

13-: Shipping point, Divide, Montana. Divide to Dewey, 6 miles over paved highway # 43. Dewey to Faithful mine, 11 miles over good dirt road.

14-: Operators own water-right on Adson creek sufficient for all operations throughout the year.

15-: In initial stages, power will be furnished by internal combustion engines. In later phases, if economic, power may be obtained from the Montana Power Co., who have a transmission line in to Quartz Hill.

16-:
Two miners and one top man

17-:
1-12 x 15 log cabin used for living, in fair condition.
1-16 x 24 hoist and compressor hous, log, with corrugated iron roof, in first class condition.
1 head-frame in first class condition.
All necessary mine equipment, including hoist, compressor, bull-dozer, blacksmith equipment, oxy-acetylene welding outfit, sinking, drifting and stoping air drills and mounts, drill steel, bits, ore car and rails, dump truck pick-up truck, water tanks, swinging cut-off saw mill, auto and other hand tools, assay outfit, rtc., etc.

18-: None.

(*b*) If deposit is other than placer:

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

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
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 Roberta Wegener
(Signature of authorized official)

Oct. 16 - 1951
(Date)

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.

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

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.E.A. 2254

Date received 11-26-51

Mrs. Roberta Wegener
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 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) 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 _____
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.

DEFENSE MINERALS ADMINISTRATION

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
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(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.

1-:

(a) Lead, copper, silver
(b) None

2-:
Name of mine: Faithful; old name the same. Type: Quartz lode accompanied by replacement in limestone wall-rock. No mill, smelter etc.
(a) 50 ft. new work. Unknown amt. old ones, now caved.
(b) 30 ft. " " " " " " " "
(c) None new. " " " " " " "
(d) Vein uncovered by bulldozing for a length of 120 ft. and a maximum width of 40 ft.
Mine is not flooded and there are no pumping problems. However during a period of about three weeks during the Spring, water from melting snow seeps down through the outcrop. As soon as the snow is melted, this surface water rapidly drains away.
Being as the property is in the development stage, it is impossible at this time to definitely state the productive capacity. However from the size of the vein and the geology, it will probably be 300 tons per day.

3-:
(a) 17 miles southwest from Divide, Montana, which is on the railroad.
(b) Vipond
(c) Sec. 3; T2S; R11W of the Montana Base and Meridian.
(d) Beaverhead County, Montana.

4-:
(a) Yes
(b) Roberta Wegener, operating as lessee

5-: Was operated before the turn of the century, but number of years is unknown. Judging from old dumps, buildings etc. and interviews with old timers, this work extended over a period of years.
Property in operation and estimated date of production is 1952.

6-:
(a) Applicant, Roberta Wegener, has had long and successful experience inoperation and financial aspects of mining and allied industries.. Developed and sold South Homestake at Lead So. Dak. Developed and brought in oil wells at Graybull, Wyoming. Developed Bayonne mine in British Columbia, besides extensive experience in general business.

(b) Manager of property, E.R.Rice, E.M. has had a long and successful experience in the operation and management of mines.

Held former worlds record in shaft sinking. See "Sinking Van-Dyke No. 1 Shaft", E. and M. J., May 21, 1921.
See "Churn Drilling of Disseminated Copper Deposits". E. and M. J., June 25, 1921.
See "Graphical Solution of Fault Problems", E. and M. J., March 22, 1913.
See "A Lode Gold Mine in Colombia", E. and M. J., May, 1942 by Forbes Wilson and Balfour Darnell. This mine was developed, equipment installed and the mine brought into production by E.R. Rice as mine manager from 1933 to 1937 during which time messers Wilson and Darnell were respectively mine and mill superintendents. Developed Golden Sunlight Mine, at Whitehall, Montana 1937-1938 for A. O. Smith Corporation, Milwaukee, Wis.

7-:
(a) Mine was discovered in 1870 and evidently was operated for the silver values as at that time the lead and copper did not amount to much from a monetary standpoint. Old residents say that ore was packed by mule-train from the Faithful to be reduced at the Hecla smeltery. This is substantiated by the old, caved workings, dumps and old buildings. Probably the reason for the suspension of operations by the old timers was due to the demonetization of silver in the 90's. as at that time, with the location of the property and with the then existing transportation facilities, the lead and copper accompanying the silver, had no value.

(b) Quartz Hill , 3 miles to the northeast has a production record of some $3,000,000.00. The Hecla mine, 6 miles to the south and with the same type of ore and occuring in the same geological formation as the Faithful, has a recorded production of in excess of $25,000,000.00, old price of metals.

(c) See accompanying report on Faithful Mine, by E.R.Rice, E.M.

8-: Applicant is not a corporation.

9-: None

10-: None

11-: Property not now producing.

12-: See report of E.R.Rice accompanying this application.

13-: Shipping point, Divide, Montana. Divide to Dewey, 6 miles over paved highway # 43. Dewey to Faithful mine, 11 miles over good dirt road.

14-: Operators own water-right on Adson creek sufficient for all operations throughout the year.

15-: In initial stages, power will be furnished by internal combustion engines. In later phases, if economic, power may be obtained from the Montana Power Co., who have a transmission line in to Quartz Hill.

16-:

Two miners and one top man

17-:

1-12 x 15 log cabin used for living, in fair condition.
1-16 x 24 hoist and compressor house, log, with corrugated iron roof, in first class condition.
1 head-frame in first class condition.
All necessary mine equipment, including hoist, compressor, bull-dozer, blacksmith equipment, oxy-acetylene welding outfit, sinking, drifting and stoping air drills and mounts, drill steel, bits, ore car and rails, dump truck pick-up truck, water tanks, swinging cut-off saw mill, auto and other hand tools, assay outfit, rtc., etc.

18-: None.

(*b*) If deposit is other than placer:

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

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
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.

X
(Name of company)

By Roberta Hegener
(Signature of authorized official)

Oct. 16-1951
(Date)

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.

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. O.M.E.A. 2251

Date received 11-26-51

Participation

Mrs Roberta Wegener
P.O. Box
Basin, Montana

Name and address of applicant

Date October 16, 1951

FILL IN THIS BLOCK

Date of application October 16, 1951

Estimated cost $39,000

Mineral or metal lead and copper

Percentage of Government participation 50 %

Location of mine Faithful mine in sec. 3 T 2 S., R 11 W., Beaverhead Co., Montana

Date of filing MF-100 October 16, 1951

DMA Docket Number, if available

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? individual
2. If a partnership, state names and addresses of partners. ---
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. (a) mining business (b) mining engineer
5. Are you the owner or the lessee of the property? lessee
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. 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. attached
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)?

3,000-5,000 and necessary labor and equipment

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

16—64067-1

DEFENSE MINERALS ADMINISTRATION WASH. D. C. NOV 26 1951

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. one patented and six unpatented claims

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. patented claim - survey No. 4081

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. Mrs. Helene J. Browne, 251 Pennsylv. block, But

*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. 17 mi. from Divide, railroad station and post-office

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Beaverhead Co. Montana
State amount of power to be used, rate per hour or other cost, and source. Adson creek-sufficient source for

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. two buildings, shaft and all necessary mining equipment mining

15. State in detail how the ore could be shipped and how and where milled. exploration stage

*16. History:

(*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. discovered in 1870; little silver production

(*b*) State briefly the known history and production of adjoining and neighboring properties. Quartz Hill about 3 mi

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. Hecla Mines - 25 milli

*17. Production: Report by E. R. Rice, Mining Eng., manager of the property

(*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	no production			
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. quartz fissure vein about 40 ft. thick cutting limesto

(*b*) Submit available maps and assay data. see report quartz vein with galena and tetrahedrite

(*c*) Give estimated tonnage and grade of each class of ore reserves. several thousands tons indicated by bull

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Diamond drilling-1500' Underground mining

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

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. See Mr. E. R. Rice report

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. Miners three ; 18.00 /d

(*b*) Supervisors, by numbers and positions, with salaries of each. None

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

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. bunkhouse - 1

(*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. None

(*f*) Cost of rental for equipment which the operator proposes to rent. None

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

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

(*i*) Cost of power, water, utilities, and any other items not provided for above. Bulldozing

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. Diamond Drilling - 5 months
Underground workings- 8 months

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.

X
(Name of company)

By Roberta Wegener
(Signature of authorized official)

Nov. 8 - 1951
(Date)

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

1-: Individual
2-: No
3-: No
4-: See 6-: of Form MF-100
5-: Lessee
6-: None
7-: Lease is in good standing. See attached copy
8-: See attached copy
9-: $3,000.00 to $5,000.00 plus all equipment and most of labor
10-:
(a) 1 patented and 6 unpatented mining claims.
(b) Patented mining claim, Survey No. 4081
11-: See 2-: of Form MF-100
12-: See 12-: of Form MF-100
13-: For water see 14-: of Form MF-100. Power during development will be internal combustion engines. 50 H.P. on compressor, 40 H.P. on hoist, 20 H.P. on saw-mill, 60 H.P. on bulldozer, 4¢ per H.P.H.
14-: See 17-: of Form MF-100
15-: Any shipping ore encountered during the course of the exploratory program would be shipped direct to the smelteries either at Anaconda or East Helena, Montana or to those at Salt Lake City, Utah. All would depend on smelting rates, freight rates and payments per unit for lead and copper. Exploration will probably indicate the need of a concentrator on the property, but that does not enter into the picture at this time.
16-: See 7-: Form MF-100
17-: Property is not now in production
18-:
(a) See report by E. R. Rice
(b) See report by E. R. Rice
(c) None that can be described as blocked out, i.e., developed on three sides. However bulldozing on surface indicates the probability of several thousands of tons.
19-: None that are not covered by questions in Forms MF-100 and MF-103 or are not included in report of E. R. Rice.
20-: Lead and copper. For disseminated, concentrating lead ore in the vein proper and for replacement lead, copper, silver ore in the adjacent limestone.
21-: It is proposed to do diamond drilling before initiating underground work. This diamond drilling would comprise the drilling of holes from the hangingwall to intercept the vein at various depths. No hard and fast rule can be given as position and depth of later holes would be predicated on the information obtained from holes previously drilled. A maximum of 1,500 feet of drilling is estimated. It is not believed that this amount will be necessary to warrant the initiation of underground mining work.
22-: See accompanying report of E. R. Rice
23-:
(a) 1 operator @ $2.25 per hr. whose duties include hoisting, blacksmithing, operation of bulldozer, engineering, repairs, etc., etc.
2 miners on shaft sinking, drifting and general underground work.

23-: (Continued)

(b) None

(c) Rehabilitation of shaft $650.00

(d) Erecting bunkhouse $1,500.00

(e) New hoisting cable $120.00

(f) None

(g) $492.00 per month plus estimated 126 hours rental of bulldozer @ $8.00 per hr.

(h) and (i) See accompanying Exhibit "A", page 3, in which supplies and fuel for power are included under Materials and Transportation.

24-: See accompanying Time Table.

C O P Y.

MINING LEASE WITH OPTION TO PURCHASE.

THIS AGREEMENT made and entered into on this the 22nd day of September, 1942, by and between Mrs. Helen J. Brewno, of 201 Pennsylvania Street, Butte, Montana, and hereinafter known as the party of the first part and lessor, and Mrs. Roberta Wagoner of Anaconda, Deer Lodge County, Montana, the party of the second part, hereinafter called the lessee.

WITNESSETH:
That the said lessor for and in consideration of the rents, royalties, payments, covenants and promises of the said lessee and to be by her kept, paid, and performed, do hereby lease, demise and let unto the said lessee the following described Quartz Lode Mining claim and premises situated in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County Montana, with all appurtenances thereon or in any way appertaining, and which said mining claim is more particularly described as follows, to-wit:

The Faithful Lode Survey Number 4601, which includes 20.66 acres, in Sec. 2, Twp 2 South, Range 11 West (unsurveyed) which is located in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County, Montana. Tax receipt for 1941 was issued to Mrs. Helen J. Brewno Butte, Montana, by the treasurer of Beaverhead County, which receipt is numbered No. 262, as of date November 21, 1941.

With the right unto the said lessee to mine and extract ore from the said leased premises and to explore and prospect for ore therein on the terms and conditions hereinafter stated, and the lessor covenants and agrees to and with the said lessee that she shall have the quiet and peaceable possession of said leased premises during the continuance of this lease.

TO HAVE AND TO HOLD the same unto the said lessee for the term of five years from and after the 22nd day of September, 1942 expiring at noon on the 22nd day of September, 1947, unless sooner forfeited or determined through violation of any covenants hereinafter by the said lessee made, promised or to be performed.

The said lessee, in consideration of said lease of said premises do hereby covenant and agree to and with said lessor as follows, to-wit:
That she will enter upon and take possession of the said leased and hereinafter described premises and hold the same under this lease; that she will work the same mine fashion in manner necessary to good and economical mining, so as to take out the greatest amount of ore possible with due regard to the safety, development and preservation of the said premises as a workable mine.

To work and mine said premises as aforesaid at least 500 shifts of mining work each year, which said work shall be done and performed at the following named times, to-wit, during and including the months of June, July, August, September, October and November of each year, at the discretion of the said Mrs. Roberta Wagoner, this being specifically stated due to the extreme snow and road conditions that exist in said mining district. Acts of God or Acts of Government are at all times duly considered for a time extension of this agreement. Failure to work said premises in the

manner and at the times during each year of the term of this lease may be considered a violation of this covenant.

To well and sufficiently timber said mine at all points where proper, in accordance with good mining; and to repair all old timbering wherever it may be necessary.

To allow said lessor or her agent or agents to enter upon and into all parts of said mine for the purpose of inspection, with use of all passages, ropes, windlasses, ladderways, and all other means of ingress and egress for such purposes.

To occupy and hold all cross and parallel ledges, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in working under this lease or in any tunnel run or intersected by said ledge or any thereof, by said lessee, or any person or persons under them, in any manner, at any point within 300 feet of the center of said ledge, as the property of said lessors; with the privilege to said lessee of working the same as an appurtenance of said demised premises during the term of this lease, and to not record the same nor allow the same to be located or recorded except in the name of the said lessor.

To keep at all times all working drifts, shafts, tunnels and other such passages and workings of said demised premises thoroughly drained, clear of loose rock and rubbish of all kinds.

To deliver up to said lessor the said premises with the appurtenances and all improvements in good order and condition with all such drifts, shafts, tunnels and other such passages thoroughly clear from rubbish and drained, the mine in all points ready for immediate continued working (accidents not arising from negligence alone excepted) without demand or further notice, said 22nd day of September, 1947, at noon or any time previous upon demand for forfeiture.

And finally upon the violation of said lease, or any of the terms and conditions thereof, by the said lessee, or any person or persons under her of any covenant or covenants hereinbefore made or provided, the term of lease shall at the option of said lessor expire and the same and the said premises with the appurtenances shall become forfeit to the said lessor and said lessor or her agent or agents may thereupon after demand of possession in writing, enter upon said premises and dispossess all persons occupying the same, with of without force and with or without process of law; or at the option of said lessor the said lease and all persons found in occupation thereof or any part thereof, may be proceeded against as trespassers from the beginning of said term both as to realty and the ore severed therefrom or as guilty of unlawful retainer. It is agreed however between the parties hereto that the party of the second part, may have thirty days from the time of reception of such notice of default to correct such forfeiture and become reinstated in full right and possession of said mining property.

The consideration of the premises and as rental of the aforesaid leased premises, lessee covenants and agrees to pay lessor the following royalties of the net smelter returns on all ore mined, extracted, found or removed and shipped to the smelter from the said leased and optioned premises, or from any part thereof, and in case any part of such ore should be sold or marketed through any agency or market other than by shipment to the smelter above indicated, then lessee covenants and agrees to pay lessor a royalty as

hereinafter stated of the net value of any and all such ore so marketed or sold, to-wit:
Such royalties are as follows:
Five percent on all ores up to and including net smelter returns of Fourteen Dollars ($14.00)
Ten percent on all ores up to and including net smelter returns of ores from $14.00 to $25.00.
Fifteen per cent on all ores net smelter return over $25.00.

It being expressly stipulated, agreed by and between the lessor and the lessee that said royalty shall be withheld by the smelter or other marketing agency from the net returns or net value of the ore so mined or extracted as above described and paid over by said smelter or other marketing agency direct to the lessor. It is also agreed by and between the parties hereto that the terms "net returns" or "net smelter returns" and "net value", are used to describe and mean the value of the ore after deducting therefrom the railroad transportation charges and smelting and treatment charges, and a truck haulage charge of Three Dollars per ton for delivery of ore from the mine to the nearest loading station.

In further consideration of the premises and of the foregoing covenants and agreements, to be by the said lessee kept, paid, and performed, and the further sum of One Dollar, lawful money of the United States, paid to the said lessor by the said lessee, the receipt thereof is hereby acknowledged, and of their agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid to the said lessor the sum of Seven Thousand Five Hundred ($7500.00) Dollars, lawful money of the United States, and of her agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid the said sum to the said lessor in the following named amounts at the following named times to -wit:

Seven Thousand Five Hundred Dollars, on or before September 22, 1947, then and in that event lessor will thereupon make, execute, and deliver to said lessee, her nominee or assign, a good and sufficient deed of conveyance thereby conveying to said lessee, her nominee or assign, full title to said premises and the whole thereof, together with all mining rights and appurtenances thereunto belonging or in anywise appertaining. Lessor at all times during the term of this agreement guarantees her full authority to make and enter into this agreement and will protect the said lessee against any party or parties claiming to or having any rights in said mining claim.

It is also agreed by and between the parties hereto that any and all royalties received by the said lessor during the term of this lease under the terms hereof shall be applied to the purchase price as above stated and that the option or purchase price as above stated is the sum of Seven Thousand Five Hundred Dollars, less the total amount of all royalties received by the lessor hereunder.

It is agreed that each and every clause and covenant of this instrument shall extend to the heirs, executors, administrators of the parties hereto, and to the assigns of said lessor, and to the assigns of said lessee, and that this lease and option cancels and annuls all and every lease and option heretofore executed by and between the parties hereto or any thereof. It is further understood and agreed by the parties hereto that the element of time is of essence of this agreement.

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

Signed Mrs Helen J. Browne
Lessor

Mrs. Roberta Wegener.
Lessee.

Witness: Mrs. Virginia Leeney.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Fifty ($50.00) Dollars to me in hand paid this 28th day of May, 1945, and for the further sum of $50.00 six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase dated September 22nd, 1942, and expiring the 22nd day of September 1947, to hereby read from September 22nd 1947 to September 22nd, 1955.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described, and during no year of said agreement shall monies or royalties paid on said agreement be less than One Hundred Dollars.

That the work and development on said Mining property during the National Emergency and War years, shall be optional with said party of the second part, Mrs. Roberta Wegener, owing to the character of the ores, the restrictions on man power and materials due to this emergency, and to allow the said Mrs. Roberta Wegener the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option between the said party of the first part, Mrs Helen J. Browne of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener, of Boulder, Montana.

Dated at Butte, Montana, this 28th day of May, 1945.

Signed Helen J. Browne
Party of the first part.

Mrs. Roberta Wegener.
Party of the second part.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Twenty-five ($25.00) Dollars to me in hand paid this 29th day of May, 1951, and for the further sum of Twenty-five ($25.00) Dollars, six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase, dated September 22nd, 1942, and as stated in Suplementary Agreement dated the 25th day of May 1945, reading from September 22nd, 1947 to ~~xx~~ September 22nd, 1955, to read as follows: To be further extended to September 22nd, 1955 and expiring September 22nd, 1960.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described; and during no year of said agreement be less than One Hundred Fifty Dollars ($150.00), net sum be paid. That the work and development on said mining property during National Emergencies and War years, shall be optional with said Party of the second part, Mrs. Roberta Wegener, owing to the restrictions on man power and materials, and to allow the said Mrs. Roberta Wegener, the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option, between the parties hereto, and the Supplementary agreement dated the 25th day of May, 1945, between the said party of the first part, Mrs. Helen J. Browne, of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener of Boulder, Montana.

Dated at Butte, Montana, this 29th day of May, 1951.

Signed Helen J. Browne
Party of the first part.

Roberta Wegener
Party of the second part.

Witness:

Alice Paule
253 Penn. Block
Butte, Montana.

FINANCIAL STATEMENT.... REGIONAL U.S. BUREAU OF MINES.
ACCOMPANYING PROPOSED PROJECT FOR FAITHFUL MINE
SILVERHEAD COUNTY, MONTANA.

As of November 1, 1951.

Four Patented copper, lead, and gold mining claims situated in Madison County, Montana.....	Valued...	$25,000.00
Five Hundred Seventy acres Patented Placer Ground situated in Jefferson County, Montana.....	Valued....	$75,000.00
Ten unpatented gold mining claims situated in Jefferson County, Montana.....	Valued....	$50,000.00
Five unpatented placer claims situated in Lewis and Clark County, Montana.....	Valued....	$ 5,000.00
Mining machinery, trucks, cars, household and personal belongings.....	Valued....	$25,000.00
United States Savings Bonds and cash on hand.....		2,000.00
	Total Valued.....	$182,000.00

NO LIABILITIES.

Subscribed and sworn to this First Day of November, 1951.

Signed Roberta Wegener
Roberta Wegener, Owner

Witness E.R. Rice
E.R. Rice, Esq.

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. DMEA-2382

Date received 2-19-52

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FEB 1 - 1952
RECEIVED

Mrs Roberta Wagoner
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 1951

FILL IN THIS BLOCK

Date of application October 16, 1951

Estimated cost $ 39,000

Mineral or metal lead and copper

Percentage of Government participation 50 %

Location of mine Faithful mine in sec. 3 T 2 S., R 11 W., Beaverhead Co., Montana

Date of filing MF-100 October 16, 1951

DMA Docket Number, if available

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? individual

*2. If a partnership, state names and addresses of partners. ---

*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. (a) mining business (b) mining engineer

*5. Are you the owner or the lessee of the property? lessee

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. 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. attached

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)? 3,000-5,000 and necessary labor and equipment

*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. one patented and six unpatented claims

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. Pat Lead claim - Survey No. 4081

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. Mrs. Helene J. Brown, 251 Pennsylv. block, Butte

*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. 17 mi. from Divide, railroad station and post-office

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Beaverhead Co. Montana State amount of power to be used, rate per hour or other cost, and source. Madison creek-sufficient source for

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. two buildings, shaft and all necessary mining equipment mining

15. State in detail how the ore could be shipped and how and where milled. exploration stage

*16. History:

(*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. discovered in 1870; little silver production

(*b*) State briefly the known history and production of adjoining and neighboring properties. Quartz Hill about 3 mil

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. Neela Mines - 25 millio

*17. Production: Report by L. R. Rice, Mining Eng., manager of the property

(*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	no production			
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. quartz fissure vein about 40 ft. thick cutting limeston

(*b*) Submit available maps and assay data. See report quartz vein with galena and tetrahedrite

(*c*) Give estimated tonnage and grade of each class of ore reserves. several thousands tons indicated by bull

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Diamond drilling-1500f underground mining

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

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. See Mr. R. R. Report

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. Miners three ; 18.00 /day

(*b*) Supervisors, by numbers and positions, with salaries of each. None

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. Rehabilitation of shaft - $300.00

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. bunkhouse - 1500.00

(*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. None

(*f*) Cost of rental for equipment which the operator proposes to rent. None

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. ab. $600.00/m.

(*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. R. Drillin contr. est. $9,000.00 Bulldozing - 1600.00

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. Diamond Drilling - 5 months
Underground workings - 8 months

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.

X
(Name of company)

By Roberta Wegener
(Signature of authorized official)

Nov. 8 - 1951
(Date)

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.

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2-: No
3-: No
4-: See 6-: of Form MF-100
5-: Lessee
6-: None
7-: Lease is in good standing. See attached copy.
8-: See attached copy
9-: $3,000.00 to $5,000.00 plus all of equipment and most of labor.
10-:
(a) One patented and six unpatented mining claims.
(b) Patented claim, Survey No. 4081
11-: See 2-: of Form MF-100
12-: See 13-: " " "
13-: For water see 14-: Form MF-100. Power during development will be internal combustion engines. 50H.P. on compressor, 40 H.P. on hoist, 20 H.P. on saw-mill; 60 H.P. on bulldozer, 4¢ per H.P.H.
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15-: Any shipping ore encountered during the course of the exploratory program would be shipped direct to the smelteries either at ~~Butte~~ ANACONDA or East Helena, Montana or to those at Salt Lake City, Utah. All would depend on smelting rates, freight rates and payments per unit for lead and copper. Exploration will probably indicate the need of a concentrator on the property, but that does not enter into the picture at this time.
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18-:
(a) See report by E. R. Rice
(b) " " " " "
(c) None that can be described as blocked out. i.e., developed on three sides. However bulldozing on surface indicates the probability of several thousands of tons.
19-: None that are not covered by questions or are not included in report of E. R. Rice.

20-: Lead and copper. For disseminated ~~1~~, concentrating lead ore in the vein proper and for replacement lead, copper, silver ore in the adjacent limestone.
21-: It is proposed to do diamond drilling before initiating underground work. This diamond drilling would comprise the drilling of holes from the hanging to intercept the vein at various depths. No hard and fast rule can be given as all future holes would be predicated on the information obtained from the holes previously drilled. A maximum of 1,500 ft. of drilling is estimated. It is not believed that this amount will be necessary to warrant the initiation of underground mining work.
22-: See accompanying report of E. R. Rice.
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(a) 1 operator @ $2.25 per hr. whose duties include hoisting, blacksmithing, operation of bulldozer, engineering, repairs etc., etc.
2 miners on shaft sinking, drifting and general underground work.

23-: (Continued)

(b) None

(c) Rehabilitation of shaft $650.00

(d) Erecting bunkhouse $1,500.00

(e) New hoisting cable $120.00

(f) None

(g) $492.00 per month plus estimated 126 hrs. rental of bulldozer @ $8.00 per hr.

(h) and (i) See accompanying Exhibit "A", page #3 in which supplies and fuel for power are included under "Materials and Transportation"

24-: See accompanying Time Table.

C O P Y.

MINING LEASE WITH OPTION TO PURCHASE.

THIS AGREEMENT made and entered into on this the 22nd day of September, 1942, by and between Mrs. Helen J. Browne, of 251 Pennsylvania Block, Butte, Montana, and hereinafter known as the party of the first part and lessor, and Mrs. Roberta Wegener of Anaconda, Deer Lodge County, Montana, the party of the second part, hereinafter called the lessee,

WITNESSETH:
That the said lessor for and in consideration of the rents, royalties, payments, covenants and promises of the said lessee and to be by her kept, paid, and performed, do hereby lease, demise and let unto the said lessee the following described Quartz Lode Mining Claim and premises situated in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County Montana, with all appurtenances thereon or in any way appertaining, and which said mining claim is more particularly described as follows, to-wit:

The Faithful Lode Survey Number 4081, which includes 20.66 acres, in Sec. 2, Twp 2 South, Range 11 West (unsurveyed(which is located in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County, Montana. Tax receipt for 1941 was issued to Mrs. Helen J. Browne Butte, Montana, by the treasurer of Beaverhead County, which receipt is numbered No. 262, as of date November 21, 1941.

With the right unto the said lessee to mine and extract ore from the said leased premises and to explore and prospect for ore therein on the terms and conditions hereinafter stated, and the lessor covenants and agrees to and with the said lessee that she shall have the quiet and peaceable possession of said leased premises during the continuance of this lease.

TO HAVE AND TO HOLD the same unto the said lessee for the term of five years from and after the 22nd day of September, 1942 expiring at noon on the 22nd day of September, 1947, unless sooner forfeited or determined through violation of any covenants hereinafter by the said lessee made, promised or to be performed.

The said lessee, in consideration of said lease of said premises do hereby covenant and agree to and with said lessor as follows, to-wit:
That she will enter upon and take possession of the said leased and hereinafter described premises and hold the same under this lease; that she will work the same mine fashion in manner necessary to good and economical mining, so as to take out the greatest amount of ore possible with due regard to the safety, devolopment and preservation of the said premises as a workable mine.

To work and mine said premises as aforesaid at least 300 shifts of mining work each year, which said work shall be done and performed at the following named times, to-wit, during and including the months of June, July, August, September, October and November of each year, at the discression of the said Mrs. Roberta Wegener, this being specifically stated due to the extreme snow and road conditions that exist in said mining district. Acts of God or Acts of Government are at all times duly considered for a time extension of this agreement. Failure to work said premises in the

manner and at the times during each year of the terms of this lease may be considered a violation of this covenant.

To well and sufficiently timber said mine at all points where proper, in accordance with good mining; and to repair all old timbering wherever it may be necessary.

To allow said lessor or her agent or agents to enter upon and into all parts of said mine for the purpose of inspection, with use of all passages, ropes, windlesses, ladderways, and all other means of ingress and egress for such purposes.

To occupy and hold all cross and parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in working under this lease or in any tunnel run or intersection said lodes or any thereof, by said lessee, or any person or persons under them, in any manner, at any point within 300 feet of the center of said lodes, as the property of said lessors; with the privilege to said lessee of working the same as an appurtenance of said demised premises during the term of this lease, and to not record the same nor allow the same to be located or recorded except in the name of the said lessor.

To keep at all times all working drifts, shafts, tunnels and other such passages and workings of said demised premises thoroughly drained, clear of loose rock and rubbish of all kinds.

To deliver up to said lessor the said premises with the appurtenances and all improvements in good order and condition with all such drifts, shafts, tunnels and other such passages thoroughly clear from rubbish and drained, the mine in all points ready for immediate continued working (accidents not arising from negligence alone excusing) without demand or further notice, said 22nd day of September, 1947, at noon or any time previous upon demand for forfeiture.

And finally upon the violation of said lessee, or any of the terms and conditions thereof, by the said lessee, or any person or persons under her of any covenant or covenants hereinbefore made or promised, the terms of lease shall at the option of said lessor expire and the same and the said premises with the appurtenances shall become forfeit to the said lessor and said lessor or her agent or agents may thereupon after demand of possession in writing, enter upon said premises and dispossess all persons occupying the same, with of without force and with or without process of law; or at the option of said lessor the said lessee and all persons found in occupation thereof or any part thereof, may be proceeded against as trespassers from the beginning of said terms both as to realty and the ore severed there from or as guilty of unlawful retainer. It is agreed however between the parties hereto that the party of the second part, may have thirty days from the time of reception of such notice of default to correct such forfeiture and become reinstated in full right and possession of said mining property.

The consideration of the premises and as rental of the aforesaid leased premises, lessee covenants and agrees to pay lessor the following royalties of the net smelter returns on all ore mined, extracted, found or removed and shipped to the smelter from the said leased and optioned premises, or from any part thereof, and in case any part of such ore should be sold or marketed through any agency or market other than by shipment to the smelter above indicated, then lessee covenants and agrees to pay lessor a royalty as

hereinafter stated of the net value of any and all such ore so marketed or sold, to-wit:
Such royalties are as follows:
Five percent on all ores up to and including net smelter returns of Fourteen Dollars ($14.00)
Ten percent on all ores up to and including net smelter returns of ores from $14.00 to $25.00.
Fifteen per cent on all ores net smelter return over $25.00.

It being expressly stipulated, agreed by and between the lessor and the lessee that said royalty shall be witheld by the smelter or other marketing agency from the net returns or net value of the ore so mined or extracted as above described and paid over by said smelter or other marketing agency direct to the lessor. It is also agreed by and between the parties hereto that the terms "net returns" or "net smelter returns" and "net value", are used to discribe and mean the value of the ore after deducting therefrom the railroad transportation charges and smelting and treatment charges, and a truck haulage charge of Three Dollars per ton for delivery or ore from the mine to the nearest loading station.

In further consideration of the premises and of the foregoing covenants and agreements, to be by the said lessee kept, paid, and performed, and the further sum of One Dollar, lawful money of the United States, paid to the said lessor by the said lessee, the receipt whereof is hereby acknowledged, and of their agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid to the said lessor the sum of Seven Thousand Five Hundred ($7500.00) Dollars, lawful money of the United States, and of her agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid the said sum to the said lessor in the following named amounts at the following named times to -wit:

Seven Thousand Five Hundred Dollars, on or before September 22, 1947, Then and in that event lessor will thereupon make, execute, and deliver to said lessee, her nominee or assign, a good and sufficient deed of conveyance thereby conveying to said lessee, her nominee or assign, full title to said premises and the whole thereof, together with all mining rights and appurtenances thereunto belonging or in anywise appertaining. Lessor at all times during the terms of this agreement guarantees her full authority to make and enter into this agreement and will protect the said lessee against any party or parties claiming to or having any rights in said mining claim.

It is also agreed by and between the parties hereto that any and all royalties received by the said lessor during the term of this lease under the terms hereof shall be applied to the purchase price as above stated and that the option or purchase price as above stated is the sum of Seven Thousand Five Hundred Dollars, less the total amount of all royalties received by the lessor hereunder.

It is agreed that each and every clause and covenant of this indenture shall extend to the heirs, executors, administrators of the parties hereto, and to the assigns of said lessor, and to the assigns of said lessee, and that this lease and option cancels and annuls all and every lease and option heretofore executed by and between the parties hereto or any thereof. It is further understood and agreed by the parties hereto that the element of time is of essence of this agreement.

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

Signed Mrs Helen J. Browne
Lessor

Mrs. Roberta Wegener.
Lessee.

Witness: Mrs. Virginia Leeney.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Fifty ($50.00) Dollars to me in hand paid this 25th day of May, 1945, and for the further sum of $50.00 six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase dated September 22nd, 1942, and expiring the 22nd day of September 1947, to hereby read from September 22nd 1947 to September 22nd, 1955.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described, and during no year of said agreement shall monies or royalties paid on said agreement be less than One Hundred Dollars.

That the work and development on said Mining property during the National Emergency and War years, shall be optional with said party of the second part, Mrs. Roberta Wegener, owing to the character of the ores, the restrictions on man power and materials due to this Emergency, and to allow the said Mrs. Roberta Wegener the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option between the said party of the first part, Mrs Helen J. Browne of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener, of Boulder, Montana.

Dated at Butte, Montana, this 25th day of May, 1945.

Signed Helen J. Browne
Party of the first Part.

Mrs. Roberta Wegener.
Party of the second part.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Twenty-five ($25.00) Dollars to me in hand paid this 29th day of May, 1951, and for the further sum of Twenty-five ($25.00) Dollars, six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase, dated September 22nd, 1942, and as stated in Suplementary Agreement dated the 25th day of May 1945, reading from September 22nd, 1947 to ~~in~~ September 22nd, 1955, to read as follows: To be further extended to September 22nd, 1955 and expiring September 22nd, 1960.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described; and during no year of said agreement be less than One Hundred Fifty Dollars ($150.00), net sum be paid. That the work and development on said mining property during National Emergencies and War years, shall be optional with said Party of the second part, Mrs. Roberta Wegener, owing to the restrictions on man power and materials, and to allow the said Mrs. Roberta Wegener, the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option, between the parties hereto, and the Supplementary agreement dated the 25th day of May, 1945, between the said party of the first part, Mrs. Helen J. Browne, of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener of Boulder, Montana.

Dated at Butte, Montana, this 29th day of May, 1951.

Signed Helen J. Browne
Party of the first part.

Roberta Wegener
Party of the second part.

Witness:

Alice Paule
252 Penn. Block
Butte, Montana.

FINANCIAL STATEMENT.... PERUSAL U.S. BUREAU OF MINES.
ACCOMPANYING PROPOSED PROJECT FOR FAITHFUL MINE
BEAVERHEAD COUNTY, MONTANA.

As of November 1, 1951.

Four Patented copper, lead, and gold mining claims situated in Madison County, Montana.....	Valued...	$25,000.00
Five Hundred Seventy acres Patented Placer Ground situated in Jefferson County, Montana.....	Valued....	$75,000.00
Ten unpatented gold mining claims situated in Jefferson County, Montana.....	Valued....	$30,000.00
Five unpatented placer claims situated in Lewis and Clark County, Montana.....	Valued....	$ 5,600.00
Mining machinery, trucks, cars, household and personal belongings.....	Valued....	$25,000.00
United States Savings Bonds and cash on hand.....		2,000.00
	Total Valued.....	$162,000.00

NO LIABILITIES.

Subscribed and sworn to this First Day of November, 1951.

Signed Roberta Wegener
Roberta Wegener, Owner

Witness E.R. Rice
E.R. Rice, E.M.

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. D.M.E.A. 2254

Date received 11-26-51

Participation

Mrs Roberta Wegener
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 1951

FILL IN THIS BLOCK

Date of application October 16, 1951

Estimated cost $ 39,000

Mineral or metal lead and copper

Percentage of Government participation 50 %

Location of mine Faithful mine in sec. 3 T 2 S., R 11 W., Beaverhead Co., Montana

Date of filing MF-100 October 16, 1951

DMA Docket Number, if available

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? individual
2. If a partnership, state names and addresses of partners. ---
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. (a) mining business (b) mining engineer
5. *Are you the owner or the lessee of the property? lessee
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. 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. attached
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)?

3,000-5,000 and necessary labor and equipment

*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. one patented and six unpatented claims

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. not stated claim courtesy No. 1061

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. Mrs. Helene J. Browne, 251 Pennsylv. block, Butt

*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. 17 mi. from Divide, railroad station and post-office

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source. Beaverhead Co. Montana

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Adson creek sufficient source of the two buildings, shaft and all necessary mining equipment

15. State in detail how the ore could be shipped and how and where milled. mining exploration stage

*16. History:

(*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. discovered in 1870; little silver production

(*b*) State briefly the known history and production of adjoining and neighboring properties. Quartz Hill about 3 mi

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. Hecla Mines - 25 milli

*17. Production: Report by E. R. Rice, Mining Eng., manager

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

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold	no production			

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. quartz fissure vein about 40 ft. thick cutting limest

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

(*c*) Give estimated tonnage and grade of each class of ore reserves. quartz vein with galena and tetrahedrite several thousands tons indicated by bull dozing

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? lead and copper

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Diamond drilling-150

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

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. See Mr. E. R. Rice report

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. Miners three ; 18.00 /day

(*b*) Supervisors, by numbers and positions, with salaries of each. None

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. Rehabitulation of shaft - $300.0

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. bunkhouse - 1500.0

(*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. None

(*f*) Cost of rental for equipment which the operator proposes to rent. None

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. sb. $600.00/m

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. D. Drillin cont. ct. 9,000.00

(*i*) Cost of power, water, utilities, and any other items not provided for above. 1500.00

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.

Diamond Drilling - 5 months
Underground workings - 8 months

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.

X
(Name of company)

By Roberta Wegener
(Signature of authorized official)

Nov. 8 - 1951
(Date)

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
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-~~2382~~ 2254

Date received 2-19-52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 1952

Name and address of applicant

Mrs. Roberta Wegener
P.O. Box 9
Basin, Montana

Date October 16, 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) 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:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address	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
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(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.

1-:

(a) Lead, copper, silver
(b) None

2-:
Name of mine: Faithful; old name the same. Type: Quartz lode accompanied by replacement in limestone wall-rock. No mill, smelter etc.
(a) 50 ft. new work. Unknown amt. old ones, now caved.
(b) 30 ft. " " " " " " " "
(c) None new. " " " " " " " "
(d) Vein uncovered by bulldozing for a length of 120 ft. and a maximum width of 40 ft.
Mine is not flooded and there are no pumping problems. However during a period of about three weeks during the Spring, water from melting snow seeps down through the outcrop. As soon as the snow is melted, this surface water rapidly drains away.
Being as the property is in the development stage, it is impossible at this time to definitely state the productive capacity. However from the size of the vein and the geology, it will probably be 300 tons per day.

3-:
(a) 17 miles southwest from Divide, Montana, which is on the railroad.
(b) Vipond
(c) Sec. 3; T2S; R11W of the Montana Base and Meridian.
(d) Beaverhead County, Montana.

4-:
(a) Yes
(b) Roberta Wegener, operating as lessee

5-: Was operated before the turn of the century, but number of years is unknown. Judging from old dumps, buildings etc. and interviews with old timers, this work extended over a period of years.
Property in operation and estimated date of production is 1952.

6-:
(a) Applicant, Roberta Wegener, has had long and successful experience inoperation and financial aspects of mining and allied industries.. Developed and sold South Homestake at Lead So. Dak. Developed and brought in oil wells at Graybull, Wyoming. Developed Bayonne mine in British Columbia, besides extensive experience in general business.

(b) Manager of property, E.R.Rice, E.M. has had a long and successful experience in the operation and management of mines.

Held former worlds record in shaft sinking. See "Sinking Van-Dyke No. 1 Shaft", E. and M. J., May 21, 1921.
See "Churn Drilling of Disseminated Copper Deposits". E. and M. J., June 25, 1921.
See "Graphical Solution of Fault Problems", E. and M. J., March 22, 1913.
See "A Lode Gold Mine in Colombia", E. and M. J., May, 1942 by Forbes Wilson and Balfour Darnell. This mine was developed, equipment installed and the mine brought into production by E.R. Rice as mine manager from 1933 to 1937 during which time messers Wilson and Darnell were respectively mine and mill superintendents. Developed Golden Sunlight Mine, at Whitehall, Montana 1937-1938 for A. O. Smith Corporation, Milwaukee, Wis.

7-:
(a) Mine was discovered in 1870 and evidently was operated for the silver values as at that time the lead and copper did not amount to much from a monetary standpoint. Old residents say that ore was packed by mule-train from the Faithful to be reduced at the Hecla smeltery. This is substantiated by the old, caved workings, dumps and old buildings. Probably the reason for the suspension of operations by the old timers was due to the demonetization of silver in the 90's. as at that time, with the location of the property and with the then existing transportation facilities, the lead and copper accompanying the silver, had no value.

(b) Quartz Hill , 3 miles to the northeast has a production record of some $3,000,000.00. The Hecla mine, 6 miles to the south and with the same type of ore and occuring in the same geological formation as the Faithful has a recorded production of in excess of $25,000,000.00, old price of metals.

(c) See accompanying report on Faithful Mine, by E.R.Rice, E.M.

8-: Applicant is not a corporation.

9-: None

10-: None

11-: Property not now producing.

12-: See report of E.R.Rice accompanying this application.

13-: Shipping point, Divide, Montana. Divide to Dewey, 6 miles over paved highway # 43. Dewey to Faithful mine, 11 miles over good dirt road.

14-: Operators own water-right on Adson creek sufficient for all operations throughout the year.

15-: In initial stages, power will be furnished by internal combustion engines. In later phases, if economic, power may be obtained from the Montana Power Co., who have a transmission line in to Quartz Hill.

16-:
Two miners and one top man

17-:
1- 12 x 15 log cabin used foor living, in fai condition.
1- 16 x 24 hoist and compressor house, log, corrugated iron covered in first class condition.
1 head-frame in first class condition.
All necessary mine equipment including hoist, compressor, bull-dozer, blacksmith equipment, oxy-acetylene welding equipment, sinking, drifting and stoping air drills, drill steel, bits, dump truck, pick-up truck, water tanks, swinging cut-off saw mill, auto and other hand tools, assay outfit, etc.,etc.

18-: None

(*b*) If deposit is other than placer:

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

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
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.

x
(Name of company)

By Roberta Hegener
(Signature of authorized official)

Oct. 16 - 1951
(Date)

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.

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. DMEA-~~2382~~ 2254

Date received 2-19-52

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FEB 1 1952

Mrs Roberta Weganer
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 1951

FILL IN THIS BLOCK

Date of application October 16, 1951

Estimated cost $ 39,000

Mineral or metal lead and copper

Percentage of Government participation 50 %

Location of mine Faithful mine in sec. 3 T 2 S., R 11 W., Beaverhead Co., Montana

Date of filing MF-100 October 16, 1951

DMA Docket Number, if available

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? individual

*2. If a partnership, state names and addresses of partners. ---

*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. (a) mining business (b) mining engineer

*5. Are you the owner or the lessee of the property? lessee

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. 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. attached

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)? 3,000-5,000 and necessary labor and equipment

*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. one patented and six unpatented claims

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. patented claim - survey No. 4081

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. Mrs. Helene J. Browne,251 Pennsylv. block,But

*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. 17 mi.from Divide, railroad station and post-office

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Beaverhead Co. Montana State amount of power to be used, rate per hour or other cost, and source. Adson creek-sufficient source for

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. two buildings, shaft and all necessary mining equipment mining

15. State in detail how the ore could be shipped and how and where milled. exploration stage

*16. History:

(*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. discovered in 1870; little silver production

(*b*) State briefly the known history and production of adjoining and neighboring properties. Quartz Hill aboutn 3 mi

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. Hecla Mines - 25 milli Report by E. R. Rice, Mining Eng., manager of the property

*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	no production			
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. quartz fissure vein about 40 ft. thick cutting limesto

(*b*) Submit available maps and assay data. see report quartz vein with galena and tetrahedrite

(*c*) Give estimated tonnage and grade of each class of ore reserves. several thousands tons indicated by bull

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Diamond drilling-1500' Underground mining

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

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. See Mr. E. R. Rice report

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. Miners three ; 18.00 /day

(*b*) Supervisors, by numbers and positions, with salaries of each. None

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. Rehabitulation of shaft -$300.00

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. bunkhouse - 1500.00

(*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. None

(*f*) Cost of rental for equipment which the operator proposes to rent. None

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. ab.$600.00/m.

(*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. D. Drillin contract$9,000.00 Bulldozing - $ 1600.00

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. Diamond Drilling - 5 months Underground workings- 8 months

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.

x
(Name of company)

By Roberta Wegener
(Signature of authorized official)

Nov. 8- 1951
(Date)

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

1-: Individual
2-: No
3-: No
4-: See 6-: of Form MF-100
5-: Lessee
6-: None
7-: Lease is in good standing. See attached copy
8-: See attached copy
9-: $3,000.00 to $5,000.00 plus all equipment and most of labor
10-:
(a) 1 patented and 6 unpatented mining claims.
(b) Patented mining claim, Survey No. 4081
11-: See 2-: of Form MF-100
12-: See 13-: of Form MF-100
13-: For water see 14-: of Form MF-100. Power during development will be internal combustion engines. 50 H.P. on compressor, 40 H.P. on hoist, 20 H.P. on saw-mill, 60 H.P. on bulldozer, 4¢ per H.P.H.
14-: See 17-: of Form MF-100
15-: Any shipping ore encountered during the course of the exploratory program would be shipped direct to the smelteries either at Anaconda or East Helena, Montana or to those at Salt Lake City, Utah. All would depend on smelting rates, freight rates and payments per unit for lead and copper. Exploration will probably indicate the need of a concentrator on the property, but that does not enter into the picture at this time.
16-: See 7-: Form MF-100
17-: Property is not now in production
18-:
(a) See report by E. R. Rice
(b) See report by E. R. Rice
(c) None that can be described as blocked out, i.e., developed on three sides. However bulldozing on surface indicates the probability of several thousands of tons.
19-: None that are not covered by questions in Forms MF-100 and MF-103 or are not included in report of E. R. Rice.
20-: Lead and copper. For disseminated, concentrating lead ore in the vein proper and for replacement lead, copper, silver ore in the adjacent limestone.
21-: It is proposed to do diamond drilling before initiating underground work. This diamond drilling would comprise the drilling of holes from the hangingwall to intercept the vein at various depths. No hard and fast rule can be given as position and depth of later holes would be predicated on the information obtained from holes previously drilled. A maximum of 1,500 feet of drilling is estimated. It is not believed that this amount will be necessary to warrant the initiation of underground mining work.
22-: See accompanying report of E. R. Rice
23-:
(a) 1 operator @ $2.25 per hr. whose duties include hoisting, blacksmithing, operation of bulldozer, engineering, repairs, etc., etc.
2 miners on shaft sinking, drifting and general underground work.

23-: (Continued)

(b) None

(c) Rehabilitation of shaft $650.00

(d) Erecting bunkhouse $1,500.00

(e) New hoisting cable $120.00

(f) None

(g) $492.00 per month plus estimated 126 hrs. rental of bulldozer @ $8.00 per hr.

(h) and (i) See accompanying Exhibit "A", page #3 in which supplies and fuel for power are included under "Materials and Transportation"

24-: See accompanying Time Table.

C O P Y.

MINING LEASE WITH OPTION TO PURCHASE.

THIS AGREEMENT made and entered into on this the 22nd day of September, 1942, by and between Mrs. Helen J. Browne, of 251 Prnnsylvania Block, Butte, Montana, and hereinafter known as the party of the first part and lessor, and Mrs. Roberta Wegener of Anaconda, Deer Lodge County, Montana, the party of the second part, hereinafter called the lessee,

WITNESSETH:
That the said lessor for and in consideration of the rents, royalties, payments, covenants and promises of the said lessee and to be by her kept, paid, and performed, do hereby lease, demise and let unto the said lessee the following described Quartz Lode Mining Claim and premises situated in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County Montana, with all appurtenances thereon or in any way appertaining, and which said mining claim is more particularly described as follows, to-wit:

The Faithful Lode Survey Number 4081, which includes 20.66 acres, in Sec. 2, Twp 2 South, Range 11 West (unsurveyed(which is located in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County, Montana. Tax receipt for 1941 was issued to Mrs. Helen J. Browne Butte, Montana, by the treasurer of Beaverhead County, which receipt is numbered No. 262, as of date November 21, 1941.

With the right unto the said lessee to mine and extract ore from the said leased premises and to explore and prospect for ore therein on the terms and conditions hereinafter stated, and the lessor covenants and agrees to and with the said lessee that she shall have the quiet and peacable possession of said leased premises during the continuance of this lease.

TO HAVE AND TO HOLD the same unto the said lessee for the term of five years from and after the 22nd day of September, 1942 expiring at noon on the 22nd day of September, 1947, unless sooner forfeited or determined through violation of any covenants hereinafter by the said lessee made, promised or to be performed.

The said lessee, in consideration of said lease of said premises do hereby covenant and agree to and with said lessor as follows, to-wit:
That she will enter upon and take possession of the said leased and hereinafter described premises and hold the same under this lease; that she will work the same mine fashion in manner necessary to good and economical mining, so as to take out the greatest amount of ore possible with due regard to the safety, development and preservation of the said premises as a workable mine.

To work and mine said premises as aforesaid at least 300 shifts of mining work each year, which said work shall be done and performed at the following named times, to-wit, during and including the months of June, July, August, September, October and November of each year, at the discression of the said Mrs. Roberta Wegener, this being specifically stated due to the extreme snow and road conditions that exist in said mining district. Acts of God or Acts of Government are at all times duly considered for a time extension of this agreement. Failure to work said premises in the

manner and at the times during each year of the terms of this lease may be considered a violation of this covenant.

To well and sufficiently timber said mine at all points where proper, in accordance with good mining; and to repair all old timbering wherever it may be necessary.

To allow said lessor or her agent or agents to enter upon and into all parts of said mine for the purpose of inspection, with use of all passages, ropes, windlesses, ladderways, and all other means of ingress and egress for such purposes.

To occupy and hold all cross and parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in working under this lease or in any tunnel run or intersection said lodes or any thereof, by said lessee, or any person or persons under them, in any manner, at any point within 300 feet of the center of said lodes, as the property of said lessors; with the privilege to said lessee of working the same as an appurtenance of said demised premises during the term of this lease, and to not record the same nor allow the same to be located or recorded except in the name of the said lessor.

To keep at all times all working drifts, shafts, tunnels and other such passages and workings of said demised premises thoroughly drained, clear of loose rock and rubbish of all kinds.

To deliver up to said lessor the said premises with the appurtenances and all improvements in good order and condition with all such drifts, shafts, tunnels and other such passages thoroughly clear from rubbish and drained, the mine in all points ready for immediate continued working (accidents not arising from negligence alone excusing) without demand or further notice, said 22nd day of September, 1947, at noon or any time previous upon demand for forfeiture.

And finally upon the violation of said lessee, or any of the terms and conditions thereof, by the said lessee, or any person or persons under her of any covenant or covenants hereinbefore made or promised, the terms of lease shall at the option of said lessor expire and the same and the said premises with the appurtenances shall become forfeit to the said lessor and said lessor or her agent or agents may thereupon after demand of possession in writing, enter upon said premises and dispossess all persons occupying the same, with of without force and with or without process of law; or at the option of said lessor the said lessee and all persons found in occupation thereof or any part thereof, may be proceeded against as trespassers from the beginning of said terms both as to realty and the ore severed there from or as guilty of unlawful retainer. It is agreed however between the parties hereto that the party of the second part, may have thirty days from the time of reception of such notice of default to correct such forfeiture and become reinstated in full right and possession of said mining property.

The consideration of the premises and as rental of the aforesaid leased premises, lessee covenants and agrees to pay lessor the following royalties of the net smelter returns on all ore mined, extracted, found or removed and shipped to the smelter from the said leased and optioned premises, or from any part thereof, and in case any part of such ore should be sold or marketed through any agency or market other than by shipment to the smelter above indicated, then lessee covenants and agrees to pay lessor a royalty as

hereinafter stated of the net value of any and all such ore so marketed or sold, to-wit:
Such royalties are as follows:
Five percent on all ores up to and including net smelter returns of Fourteen Dollars ($14.00)
Ten percent on all ores up to and including net smelter returns of ores from $14.00 to $25.00.
Fifteen per cent on all ores net smelter return over $25.00.

It being expressly stipulated, agreed by and between the lessor and the lessee that said royalty shall be witheld by the smelter or other marketing agency from the net returns or net value of the ore so mined or extracted as above described and paid over by said smelter or other marketing agency direct to the lessor. It is also agreed by and between the parties hereto that the terms "net returns" or "net smelter returns" and "net value", are used to discribe and mean the value of the ore after deducting therefrom the railroad transportation charges and smelting and treatment charges, and a truck haulage charge of Three Dollars per ton for delivery or ore from the mine to the nearest loading station.

In further consideration of the premises and of the foregoing covenants and agreements, to be by the said lessee kept, paid, and performed, and the further sum of One Dollar, lawful money of the United States, paid to the said lessor by the said lessee, the receipt whereof is hereby acknowledged, and of their agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid to the said lessor the sum of Seven Thousand Five Hundred ($7500.00) Dollars, lawful money of the United States, and of her agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid the said sum to the said lessor in the following named amounts at the following named times to -wit:

Seven Thousand Five Hundred Dollars, on or before September 22, 1947, Then and in that event lessor will thereupon make, execute, and deliver to said lessee, her nominee or assign, a good and sufficient deed of conveyance thereby conveying to said lessee, her nominee or assign, full title to said premises and the whole thereof, together with all mining rights and appurtenances thereunto belonging or in anywise appertaining. Lessor at all times during the terms of this agreement guarantees her full authority to make and enter into this agreement and will protect the said lessee against any party or parties claiming to or having any rights in said mining claim.

It is also agreed by and between the parties hereto that any and all royalties received by the said lessor during the term of this lease under the terms hereof shall be applied to the purchase price as above stated and that the option or purchase price as above stated is the sum of Seven Thousand Five Hundred Dollars, less the total amount of all royalties received by the lessor hereunder.

It is agreed that each and every clause and covenant of this indenture shall extend to the heirs, executors, administrators of the parties hereto, and to the assigns of said lessor, and to the assigns of said lessee, and that this lease and option cancels and annuls all and every lease and option heretofore executed by and between the parties hereto or any thereof. It is further understood and agreed by the parties hereto that the element of time is of essence of this agreement.

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

Signed Mrs Helen J. Browne
Lessor

Mrs. Roberta Wegener.
Lessee.

Witness: Mrs. Virginia Leeney.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Fifty ($50.00) Dollars to me in hand paid this 25th day of May, 1945, and for the further sum of $50.00 six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase dated September 22nd, 1942, and expiring the 22nd day of September 1947, to hereby read from September 22nd, 1947 to September 22nd, 1955.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described, and during no year of said agreement shall monies or royalties paid on said agreement be less than One Hundred Dollars.

That the work and development on said Mining property during the National Emergency and War years, shall be optional with said party of the second part, Mrs. Roberta Wegener, owing to the character of the ores, the restrictions on man power and materials due to this Emergency, and to allow the said Mrs. Roberta Wegener the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option between the said party of the first part, Mrs Helen J. Browne of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener, of Boulder, Montana.

Dated at Butte, Montana, this 25th day of May, 1945.

Signed Helen J. Browne
Party of the first Part.

Mrs. Roberta Wegener.
Party of the second part.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Twenty-five ($25.00) Dollars to me in hand paid this 29th day of May, 1951, and for the further sum of Twenty-five ($25.00) Dollars, six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase, dated September 22nd, 1942, and as stated in Suplementary Agreement dated the 25th day of May 1945, reading from September 22nd, 1947 to ~~the~~ September 22nd, 1955, to read as follows: To be further extended to September 22nd, 1955 and expiring September 22nd, 1960.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described; and during no year of said agreement be less than One Hundred Fifty Dollars ($150.00), net sum be paid. That the work and development on said mining property during National Emergencies and War years, shall be optional with said Party of the second part, Mrs. Roberta Wegener, owing to the restrictions on man power and materials, and to allow the said Mrs. Roberta Wegener, the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option, between the parties hereto, and the Supplementary agreement dated the 25th day of May, 1945, between the said party of the first part, Mrs. Helen J. Browne, of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener of Boulder, Montana.

Dated at Butte, Montana, this 29th day of May, 1951.

Signed Helen J. Browne
Party of the first part.

Roberta Wegener
Party of the second part.

Witness:

Alice Paule
252 Penn. Block
Butte, Montana.

FINANCIAL STATEMENT...PERUSAL U.S. BUREAU OF MINES
ACCOMPANYING PROPOSED PROJECT FOR FAITHFUL MINE
BEAVERHEAD COUNTY, MONTANA.

As of November 1, 1951.

Four Patented copper, lead and gold mining claims situated in Madison County, Montana.....	Valued...	$25,000.00
Five Hundred Seventy acres Patented Placer Ground situated in Jefferson County, Montana.....	Valued...	$75,000.00
Ten unpatented gold mining claims situated in Jefferson County, Montana.....	Valued...	$30,000.00
Five unpatented placer claims situated in Lewis and Clark County, Montana.....	Valued...	$ 5,000.00
Mining Machinery, trucks, cars, household and personal belongings.....	valued...	$25,000.00
United States Savings Bonds and cash on hand.....		$ 2,000.00
	Total valued...	$162,000.00

NO LIABILITIES.

Subscribed and sworn to this First Day of November, 1951.

Signed Roberta Wegener
Roberta Wegener, Owner.

Witness E.R. Rice
E.R. Rice, B.M.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2382

Date received 2-19-52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FEB 1 1952

Mrs Roberta Wegener
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 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) 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 _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		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.

1-:

(a) Lead, copper, silver
(b) None

2-:
Name of mine: Faithful; old name the same. Type: quartz lode accompanied by replacement in limestone wall-rock. No mill, smelter etc.
(a) 50 ft. new work. Unknown amt. old ones, now caved.
(b) 30 ft. " " " " " " " "
(c) None new. " " " " " "
(d) Vein uncovered by bulldozing for a length of 120 ft. and a maximum width of 40 ft.
Mine is not flooded and there are no pumping problems. However during a period of about three weeks during the Spring, water from melting snow seeps down through the outcrop. As soon as the snow is melted, this surface water rapidly drains away.
Being as the property is in the development stage, it is impossible at this time to definitely state the productive capacity. However from the size of the vein and from the geology, it will probably be 300 tons per day.

3-:
(a) 17 miles southwest from Divide, Montana, which is on the railroad.
(b) Vipond
(c) Sec.3; T2S; R11W of the Montana Base and Meridian.
(d) Beaverhead County, Montana.

4-:
(a) Yes
(b) Roberta Wegener, operating as lessee

5-: Was operated before the turn of the century, but number of years is unknown. Judging from old dumps, buildings etc. and interviews with old timers, this work extended over a period of years.
Property in operation and estimated date of production is 1952.

6-:
(a) Applicant, Roberta Wegener, has had long and successful experience in operation and financial aspects of mining and allied industries. Developed and sold South Homestake at Lead So. Dak. Developed and brought in oil wells at Graybull, Wyoming. Developed Bayonne mine in British Columbia, besides extensive experience in general business.

(b) Manager of property, E.R.Rice, E.M. has had a long and successful experience in the operation and management of mines.

Held former worlds record in shaft sinking. See "Sinking Van-Dyke No. 1 Shaft", E. and M. J., May 21, 1921.
See "Churn Drilling of Disseminated Copper Deposits". E. and M. J., June 25, 1921.
See "Graphical Solution of Fault Problems", E. and M. J., March 22, 1913.
See "A lode Gold Mine in Colombia", E. and M. J., May, 1942 by Forbes Wilson and Balfour Darnell. This mine was developed, equipment installed and the mine brought in to production by E.R. Rice as mine manager from 1933 to 1937 during which time Messers Wilson and Darnell were respectively mine and mill superintendents. Developed Golden Sunlight mine at Whitehall, Montana, 1937-1938 for the A.O.Smith Corporation of Milwaukee, Wis.

7-:

(a)- Mine was discovered in 1870 and evidently was operated for the silver values for as at that time the lead and copper did not amount to much from a monetary standpoint. Old residents say that the ore was packed by mule-train from the Faithful to be reduced at the Hecla smeltery. This is substantiated by the old, caved, workings, dumps and old buildings. Probably the reason for the suspension of these old operations was the demonetization of silver in the 90's for at that time, with the location of the property, difficulty of transportation etc., the lead and copper, accompanying the silver, had no value.

(b) Quartz Hill, 3 miles to the northeast has a production record of some $3,000,000.00 The Hecla mine, 6 miles to the south and with the same type of ore and occuring in the same geological formation as the Faithful, has a recorded production of $25,000,000.00, old price of metals.

(c) See accompanying report of Faithful mine, by E. R. Rice. E. R.

8-: Applicant is not a corporation.

9-: None

10-: None

11-: Property not now producing. In development stage.

12-: See report of E. R. Rice, accompanying this application.

13-: Shipping point, Divide, Montana. 6 miles, Divide to Dewey over paved highway # 43. Dewey to Faithful mine, 11 miles over good dirt road.

14-: Operators own water right on Adson creek sufficient for all operations throughout entire year.

15-: In initial stages, power will be furnished by internal combustion engines. In later phases, if economic from standpoint of cost, power may be obtained from Montana Power Co., who has a transmission line in to Quartz Hill.

16-:
Two miners and one top man

17-:
1- 12 x 15 log cabin used foor living, in fai condition.
1- 16 x 24 hoist and compressor house, log, corrugated iron covered in first class condition.
1 head-frame in first class condition.
All necessary mine equipment including hoist, compressor, bull-dozer, blacksmith equipment, oxy-acetylene welding equip ent. sinking, drifting and stoping air drills, drill steel, bits, dump truck, pick-up truck, water tanks, swinging cut-off saw mill, auto and other hand tools, assay outfit, etc.,etc.

18-: None

(*b*) If deposit is other than placer:

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

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
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.

X
(Name of company)

By Roberta Wegener
(Signature of authorized official)

Oct. 16 - 1951
(Date)

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.

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. DMEA 2254

Date received 11-26-51

Participation

Mrs Roberta Wegener
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 1951

FILL IN THIS BLOCK

Date of application October 16, 1951

Estimated cost $ 39,000

Mineral or metal lead and copper

Percentage of Government participation 50 %

Location of mine Faithful mine in sec. 3 T 2 S., R 11 W., Beaverhead Co., Montana

Date of filing MF-100 October 16, 1951

DMA Docket Number, if available

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.

DEFENSE MINERALS ADMINISTRATION D.C. NOV 27 10 AM '51

THE APPLICANT

1. Is applicant an individual, partnership, or corporation? individual
2. If a partnership, state names and addresses of partners. ---
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. (a) mining business (b) mining engineer
5. Are you the owner or the lessee of the property? lessee
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. 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. attached
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)? 3,000-5,000 and necessary labor and equipment

*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. one patented and six unpatented claims

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. patented claim - survey No. 4081

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. Mrs. Helene J. Browne, 251 Pennsylv. block, Butte

*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. 17 mi. from Divide, railroad station and post-office

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Beaverhead Co. Montana State amount of power to be used, rate per hour or other cost, and source. Adson creek-sufficient source for

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. two buildings, shaft and all necessary mining equipment mining

15. State in detail how the ore could be shipped and how and where milled. exploration stage

*16. History:

(*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. discovered in 1870; little silver production

(*b*) State briefly the known history and production of adjoining and neighboring properties. Quartz Hill aboutn 3 mill

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. Hecla Mines - 25 million Report by E. R. Rice, Mining Eng., manager of the property

*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	no production			

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. quartz fissure vein about 40 ft. thick cutting limeston

(*b*) Submit available maps and assay data. see report quartz vein with galena and tetrahedrite

(*c*) Give estimated tonnage and grade of each class of ore reserves. several thousands tons indicated by bull

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Diamond drilling-1500f Underground mining

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

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. See Mr. E. R. Rice report

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. Miners three ; 18.00 /day

(*b*) Supervisors, by numbers and positions, with salaries of each. None

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. Rehabitulation of shaft -$300.00

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. bunkhouse - 1500.00

(*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. None

(*f*) Cost of rental for equipment which the operator proposes to rent. None

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. ab.$600.00/m.

(*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. D. Drillin contract$9,000.00 Bulldozing - $ 1600.00

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. Diamond Drilling - 5 months Underground workings - 8 months

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.

X
(Name of company)

By Roberta Hegener
(Signature of authorized official)

Nov. 8 - 1951
(Date)

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

1-: Individual
2-: No
3-: No
4-: See 6-: of Form MF-100
5-: Lessee
6-: None
7-: Lease is in good standing. See attached copy.
8-: See attached copy
9-: $3,000.00 to $5,000.00 plus all of equipment and most of labor.
10-:
(a) One patented and six unpatented mining claims.
(b) Patented claim, Survey No. 4081
11-: See 2-: of Form MF-100
12-: See 13-: " " "
13-: For water see 14-: Form MF-100. Power during development will be internal combustion engines. 50H.P. on compressor, 40 H.P. on hoist ,20 H.P. on saw-mill; 60 H.P. on bulldozer, 4¢ per H.P.H.
14-: See 17-: Form MF-100
15-: Any shipping ore encountered during the course of the exploratory program would be shipped direct to the smelteries either at ~~Butte~~ Helena or East Helena, Montana or to those at Salt Lake City, Utah. All would depend on smelting rates, freight rates and payments per unit for lead and copper. Exploration will probably indicate the need of a concentrator on the property, but that does not enter into the picture at this time.
16-: See7-: Form MF-100
17-: Property is not now in production
18-:
(a) See report by E. R. Rice
(b) " " " " "
(c) None that can be described as blocked out. i.e., developed on three sides. However bulldozing on surface indicates the probability of several thousands of tons.
19-: None that are not covered by questions or are not included in report of E. R. Rice.

20-: Lead and copper. For disseminated ~~t~~, concentrating lead ore in the vein proper and for replacement lead, copper, silver ore in the adjacent limestone.
21-: It is proposed to do diamond drilling before initiating underground work. This diamond drilling would comprise the drilling of holes from the hanging to intercept the vein at various depths. No hard and fast rule can be given as all future holes would be predicated on the information obtained from the holes previously drilled. A maximum of 1,500 ft. of drilling is estimated. It is not believed that this amount will be necessary to warrant the initiation of underground mining work.
22-: See accompanying report of E. R. Rice
23-:
(a) 1 operator @ $2.25 per hr. whose duties include hoisting, blacksmithing, operation of bulldozer, engineering, repairs etc., etc.
2 miners on shaft sinking, drifting and general underground work.

23-: (Continued)

(b) None

(c) Rehabilitation of shaft $350.00

(d) Erecting bunkhouse $1,500.00

(e) New hoisting cable $120.00

(f) None

(g) $492.00 per month plus estimated 126 hrs. rental of bulldozer @ $8.00 per hr.

(h) and (i) See accompanying Exhibit "A", page #3 in which supplies and fuel for power are included under "Materials and Transportation"

24-: See accompanying Time Table.

C O P Y.

MINING LEASE WITH OPTION TO PURCHASE.

THIS AGREEMENT made and entered into on this the 22nd day of September, 1942, by and between Mrs. Helene J. Browne, of 251 Pennsylvania Block, Butte, Montana, and hereinafter known as the party of the first part and lessor, and Mrs. Roberta Wegener of Anaconda, Deer Lodge County, Montana, the party of the second part, hereinafter called the lessee,

WITNESSETH:
That the said lessor for and in consideration of the rents, royalties, payments, covenants and promises of the said lessee and to be by her kept, paid, and performed, do hereby lease, demise and let unto the said lessee the following described Quartz Lode Mining Claim and premises situated in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County Montana, with all appurtenances thereon or in any way appertaining, and which said mining claim is more particularly described as follows, to-wit:

The Faithful Lode Survey Number 4081, which includes 20.66 acres, in Sec. 2, Twp 2 South, Range 11 West (unsurveyed) which is located in the unsurveyed unorganized mining district known as Vi-Pond, Beaverhead County, Montana. Tax receipt for 1941 was issued to Mrs. Helene J. Browne Butte, Montana, by the treasurer of Beaverhead County, which receipt is numbered No. 262, as of date November 21, 1941.

With the right unto the said lessee to mine and extract ore from the said leased premises and to explore and prospect for ore therein on the terms and conditions hereinafter stated, and the lessor covenants and agrees to and with the said lessee that she shall have the quiet and peaceable possession of said leased premises during the continuance of this lease.

TO HAVE AND TO HOLD the same unto the said lessee for the terms of five years from and after the 22nd day of September, 1942 expiring at noon on the 22nd day of September, 1947, unless sooner forfeited or determined through violation of any covenants hereinafter by the said lessee made, promised or to be performed.

The said lessee, in consideration of said lease of said premises do hereby covenant and agree to and with said lessor as follows, to-wit:
That she will enter upon and take possession of the said leased and herein after described premises and hold the same under this lease; that she will work the same mine fashion in manner necessary to good and economical mining, so as to take out the greatest amount of ore possible with due regard to the safety, development and preservation of the said premises as a workable mine.

To work and mine said premises as aforesaid at least 300 shifts of mining work each year, which said work shall be done and performed at the following named times, to-wit, during and including the months of June, July, August, Setpember, October and November, of each year, at the discression of the said Mrs. Roberta Wegener, this being specifically stated due to the extreme snow and road conditions that exist in said mining district. Acts of God or Acts of Government are at all times duly considered for a time extension of this agreement. Failure to work said premises in the

manner and at the times during each year of the terms of this lease may be considered a violation of this covenant.

To well and sufficiently timber said mine at all points where proper, in accordance with good mining; and to repair all old timbering wherever it may be necessary.

To allow said lessor or her agent or agents to enter upon and into all parts of said mine for the purpose of inspection, with use of all passages, ropes, windlesses, ladderways, and all other means of ingress and egress for such purposes.

To occupy and hold all cross and parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in working under this lease or in any tunnel run or intersect said lodes or any thereof, by said lessee, or any person or persons under them, in any manner, at any point within 300 feet of the center of said lodes, as the property of said lessors; with the privilege to said lessee of working the same as an appurtenance of said demised premises during the term of this lease, and to not record the same nor allow the same to be located or recorded except in the name of the said lessor.

To keep at all times all working drifts, shafts, tunnels and other such passages and working of said demised premises thoroughly drained, clear of loose rock and rubbish of all kinds.

To deliver up to said lessor the said premises with the appurtenances and all improvements in good order and dondition with all such drifts, shafts, tunnels and other such passages thoroughly clear from rubbish and drained, a the mine in all points ready for immediate continued working (accidents not arising from negligence alone excusing), without demand or further notice, said 22nd day of September, 1947, at noon or any time previous upon demand for forfeiture.

And finally upon the violation of said lessee, or any of the terms and conditions thereof, by the said lessee, or any person or persons unher her of any covenant or covenants hereinbefore made or promised, the terms of lease shall at the option of said lessor expire and the same and the said premises with the appurtenances shall become forfeit to the said lessor and said lessor or her abent or agents may thereupon after demand of possession in writing, enter upon said premises and dispossess all persons occupying the same, with or without force and with or without process of law; or at the option of said lessors the said lessee and all persons found in occupation thereof or any part thereof, may be proceeded against as trespassers from the beginning of said terms both as to realty and the ore severed therefrom or as guilty of unlawful retainer. It is agreed however between the parties hereto that the party of the second part, may have thirty days from the time of reception of such notice of default to correct such forfeiture and become reinstated in full right and possession of said mining property.

The consideration of the premises and as rental of the aforesaid leased premises, lessee covenants and agrees to pay lessor the following royalties of the net smelter returns on all ore mined, extracted, found or removed and shipped to the smelter from the said leased and optioned premises, or from any part thereof, and in case any part of such ore should be sold or marketed through any agency or market other than by shipment to the smelter as above indicated, then lessee covenants and agrees to pay lessor a royalty as herein-

after stated of the net value of any and all such ore so marketed or sold, to-wit:

Such royalties are as follows:

Five percent on all ores up to and including net smelter returns of Fourteen Dollars ($14.00)
Ten per cent on all ores up to and including net smelter returns of ores from $14.00 to $25.00.
Fifteen per cent on all ores net smelter returns over $25.00.

It being expressly stipulated, agreed by and between the lessor and the lessee that said royalty shall be witheld by the smelter or other marketing agency from the net returns or net value of the ore so mined or extracted as above described and paid over by said smelter or other marketing agency direct to the lessor. It is also agreed by and between the parties hereto that the terms " net returns" " net smelter returns" and "net value", are used to describe and mean the value of the ore after deducting therefrom the railroad transportaion charges and smelting and treatment charges, and a truck haulage charge of Three Dollars per ton for delivery of ore from the mine to the nearest loading station.

In further consideration of the premises and of the foregoing covenants and agreements, to be by the said lessee kept, paid, and performed, and the further sum of One Dollar, lawful money of the United States, paid to the said lessor by the said lessee, the receipt whereof is hereby acknowledged, and of their agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid to the said lessor the sum of Seven Thousand Five Hundred ($7,500.00) Dollars, lawful money of the United States, and of their agreement to work, mine and develop said premises, the said lessor agrees that in the event the lessee pay or cause to be paid the said sum to the said lessor in the following named amounts at the following named times, to wit:

Seven Thousand Five Hundred Dollars, or or before September 22, 1947, Then and in that event lessor will thereupon make, execute, and deliver to said lessee, her nominee or assign, a good and sufficient deed of conveyance thereby conveying to said lessee, her nominee or assign, full title to said premises and the whole thereof, together with all mining rights and appurtenances thereunto belonging or in anywise appertaining. Lessor at all times during the terms of this agreement guarantees her full authority to make and enter into this agreement and will protect the said lessee against any party or parties claiming to or having any rights in said mining claim.

It is also agreed by and between the parties hereto that any and all royalties received by the said lessor during the term of this lease under the terms hereof shall be applied to the purchase price as above stated and that the option or purchase price as above stated is the sum of Seven Thousand Five Hundred Dollars, less the total amount of all royalties received by the lessor hereunder.

It is agreed that each and every clause and covenant of this indenture shall extend to the heirs, executors, administrators of the parties hereto, and to the assigns of said lessor, and to the assigns of said lessee, and that this lease and option cancels and annula all and every lease and option heretofore executed by and between the parties hereto or any thereof. It is further understood and agreed by the parties hereto that the element of time is of essence of this agreement.

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

Signed Mrs. Helene J. Browne
Lessor

Mrs. Roberta Wegener.
Lessee

Witness: Mrs. Virginia Leeney.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Fifty ($50.00) Dollars to me in hand paid this 25th day of May, 1945, and for the further sum of $50.00 six months from date hereof, party of the first part, namely, Mrs. Helene J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase dated September 22nd, 1942, and expiring the 22nd day of September 1947, to hereby read from September 22nd, 1947 to September 22nd, 1955.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described, and during no year of said agreement shall monies or royalties paid on said agreement be less than One Hundred Dollars.

That the work and development on said Mining property during the National Emergency and War years, shall be optional with said party of the second part, Mrs. Roberta Wegener, owing to the character of the ores, the restrictions on man power and materials due to this Emergency, and to allow the said Mrs. Roberta Wegener the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option between the said party of the first part, Mrs. Helene J. Browne of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener, of Boulder, Montana.

Dated at Butte, Montana, this 25th day of May, 1945.

Signed Helene J. Browne
Party of the first part.

Mrs. Roberta Wegener.
Party of the second part.

SUPPLEMENTARY AGREEMENT.

For and in consideration of the sum of Twenty-five ($25.00) Dollars to me in hand paid this 29th day of May, 1951, and for the further sum of Twenty-five $25.00) Dollars, six months from date hereof, party of the first part, namely, Mrs. Helen J. Browne, does hereby grant to Mrs. Roberta Wegener, an extension of time in said Mining Lease and Option to Purchase, dated September 22nd, 1942, and as stated in Supplementary Agreement dated the 25th day of May 1945, reading from September 22nd, 1947 to September 22nd, 1955, to read as follows: To be further extended to September 22nd, 1955, and expiring September 22nd, 1960.

That all monies received by said party of the first part shall be applied on the purchase price of $7500.00 of said Faithful Mine, heretofore described; and during no year of said agreement be less than One Hundred Fifty Dollars ($150.00), net sum, be paid. That the work and development on said mining property during National Emergencies and war years, shall be optional with said Party of the second part, Mrs. Roberta Wegener, owing to the restrictions on man power and materials, and to allow the said Mrs. Roberta Wegener, the right to install such mining equipment on said property in keeping with economical and efficient mining practice.

This supplementary agreement is hereby incorporated and becomes a part of the original Lease and Option, between the parties hereto, and the supplementary agreement dated the 25th day of May 1945, between the said party of the first part, Mrs. Helen J. Browne of 251 Pennsylvania Block, Butte, Montana, and Mrs. Roberta Wegener of Boulder, Montana.

Dated at Butte, Montana, this 29th day of May, 1951.

Signed Helen J. Browne
Party of the first part.

Roberta Wegener.
Party of the second part.

Witness:
Alice Paule
252 Penn. Block
Butte, Montana.

FINANCIAL STATEMENT.... PERUSAL U.S. BUREAU OF MINES.
ACCOMPANYING PROPOSED PROJECT FOR FAITHFUL MINE
BEAVERHEAD COUNTY, MONTANA.

As of November 1, 1951.

Four Patented copper, lead, and gold mining claims situated in Madison County, Montana.....	Valued...	$25,000.00
Five Hundred Seventy acres Patented Placer Ground situated in Jefferson County, Montana.....	Valued....	$75,000.00
Ten unpatented gold mining claims situated in Jefferson County, Montana.....	Valued....	$30,000.00
Five unpatented placer claims situated in Lewis and Clark County, Montana.....	Valued....	$ 5,000.00
Mining machinery, trucks, cars, household and personal belongings.....	Valued....	$25,000.00
United States Savings Bonds and cash on hand.....		2,000.00
	Total Valued.....	$162,000.00

NO LIABILITIES.

Subscribed and sworn to this First Day of November, 1951.

Signed Roberta Wegener
Roberta Wegener, Owner

Witness E.R. Rice
E.R. Rice, E.M.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.E.A. 225 4

Date received 11-26-51

Mrs Roberta Wegener
P.O. Box 9
Basin, Montana

Name and address of applicant

Date October 16, 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) 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 _____
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.

DEFENSE MINERALS ADMINISTRATION

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.

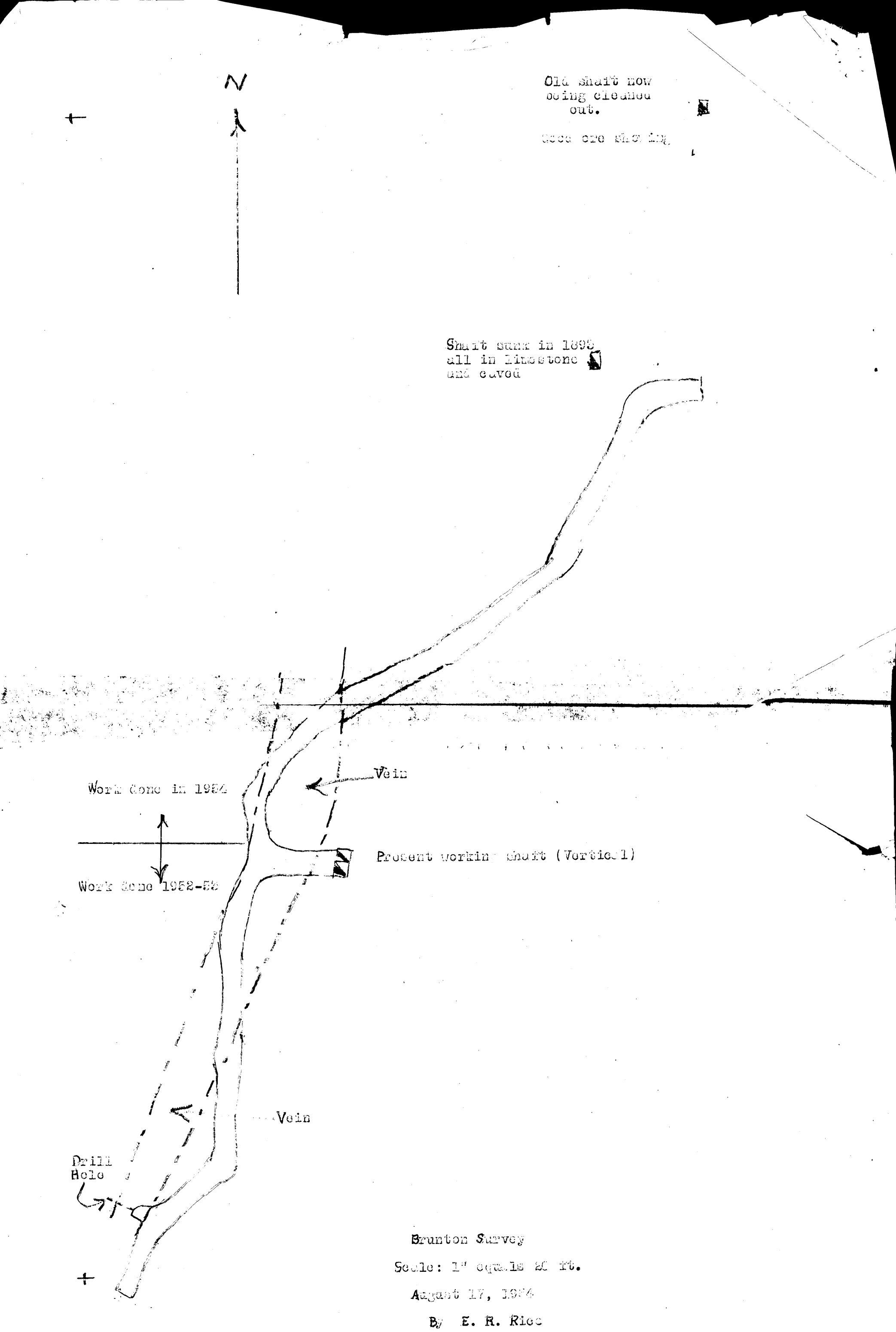
10. Production:

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.



Brunton Survey

Scale: 1" equals 20 ft.

August 17, 1954

By E. R. Rice

1-:

(a) Lead, copper, silver
(b) None

2-:
Name of mine: Faithful; old name the same. Type: quartz lode accompanied by replacement in limestone wall-rock. No mill, smelter etc.
(a) 50 ft. new work. Unknown amt. old ones, now caved.
(b) 30 ft. " " " " " " " "
(c) None new. " " " " " "
(d) Vein uncovered by bulldozing for a length of 120 ft. and a maximum width of 40 ft.
Mine is not flooded and there are no pumping problems. However during a period of about three weeks during the Spring, water from melting snow seeps down through the outcrop. As soon as the snow is melted, this surface water rapidly drains away.
Being as the property is in the development stage, it is impossible at this time to definitely state the productive capacity. However from the size of the vein and from the geology, it will probably be 300 tons per day.

3-:
(a) 17 miles southwest from Divide, Montana, which is on the railroad.
(b) Vipond
(c) Sec.3; T2S; R11W of the Montana Base and Meridian.
(d) Beaverhead County, Montana.

4-:
(a) Yes
(b) Roberta Wegener, operating as lessee

5-: Was operated before the turn of the century, but number of years is unknown. Judging from old dumps, buildings etc. and interviews with old timers, this work extended over a period of years.
Property in operation and estimated date of production is 1952.

6-:
(a) Applicant, Roberta Wegener, has had long and successful experience in operation and financial aspects of mining and allied industries. Developed and sold South Homestake at Lead So. Dak. Developed and brought in oil wells at Graybull, Wyoming. Developed Bayonne mine in British Columbia, besides extensive experience in general business.

(b) Manager of property, E.R.Rice, E.M. has had a long and successful experience in the operation and management of mines.

Held former worlds record in shaft sinking. See "Sinking Van-Dyke No. 1 Shaft", E. and M. J., May 21, 1921.
See "Churn Drilling of Disseminated Copper Deposits". E. and M. J., June 25, 1921.
See "Graphical Solution of Fault Problems", E. and M. J., March 22, 1913.
See "A lode Gold Mine in Colombia", E. and M. J., May, 1942 by Forbes Wilson and Balfour Darnell. This mine was developed, equipment installed and the mine brought in to production by E.R. Rice as mine manager from 1933 to 1937 during which time Messers Wilson and Darnell were respectively mine and mill superintendents. Developed Golden Sunlight mine at Whitehall, Montana, 1937-1938 for the A.O.Smith Corporation of Milwaukee, Wis.

7-:

(a) Mine was discovered in 1870 and evidently was operated for the silver values for as at that time the lead and copper did not amount to much from a monetary standpoint. Old residents say that the ore was packed by mule-train from the Faithful to be reduced at the Hecla smeltery. This is substantiated by the old, caved, workings, dumps and old buildings. Probably the reason for the suspension of these old operations was the demonetization of silver in the 90's for at that time, with the location of the property, difficulty of transportation etc., the lead and copper, accompanying the silver, had no value.

(b) Quartz Hill, 3 miles to the northeast has a production record of some $3,000,000.00 The Hecla mine, 6 miles to the south and with the same type of ore and occuring in the same geological formation as the Faithful, has a recorded production of $25,000,000.00, old price of metals.

(c) See accompanying report on Faithful mine, by E. R. Rive. E. M.

8-: Applicant is not a corporation.

9-: None

10-: None

11-: Property not now producing. In development stage.

12-: See report of E. R. Rice, accompanying this application.

13-: Shipping point, Divide, Montana. 6 miles, Divide to Dewey over paved highway # 43. Dewey to Faithful mine, 11 miles over good dirt road.

14-: Operators own water right on Adson creek sufficient for all operations throughout entire year.

15-: In initial stages, power will be furnished by internal combustion engines. In later phases, if economic from standpoint of cost, power may be obtained from Montana Power Co., who has a transmission line in to Quartz Hill.

16-:
Two miners and one top man

17-:
1- 12 x 15 log cabin used foor living, in fai condition.
1- 16 x 24 hoist and compressor house, log, corrugated iron covered in first class condition.
1 head-frame in first class condition.
All necessary mine equipment including hoist, compressor, bull-dozer, blacksmith equipment, oxy-acetylene welding equipment. sinking, drifting and stoping air drills, drill steel, bits, dump truck, pick-up truck, water tanks, swinging cut-off saw mill, auto and other hand tools, assay outfit, etc.,etc.

18-: None

(*b*) If deposit is other than placer:

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

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
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.

x
(Name of company)

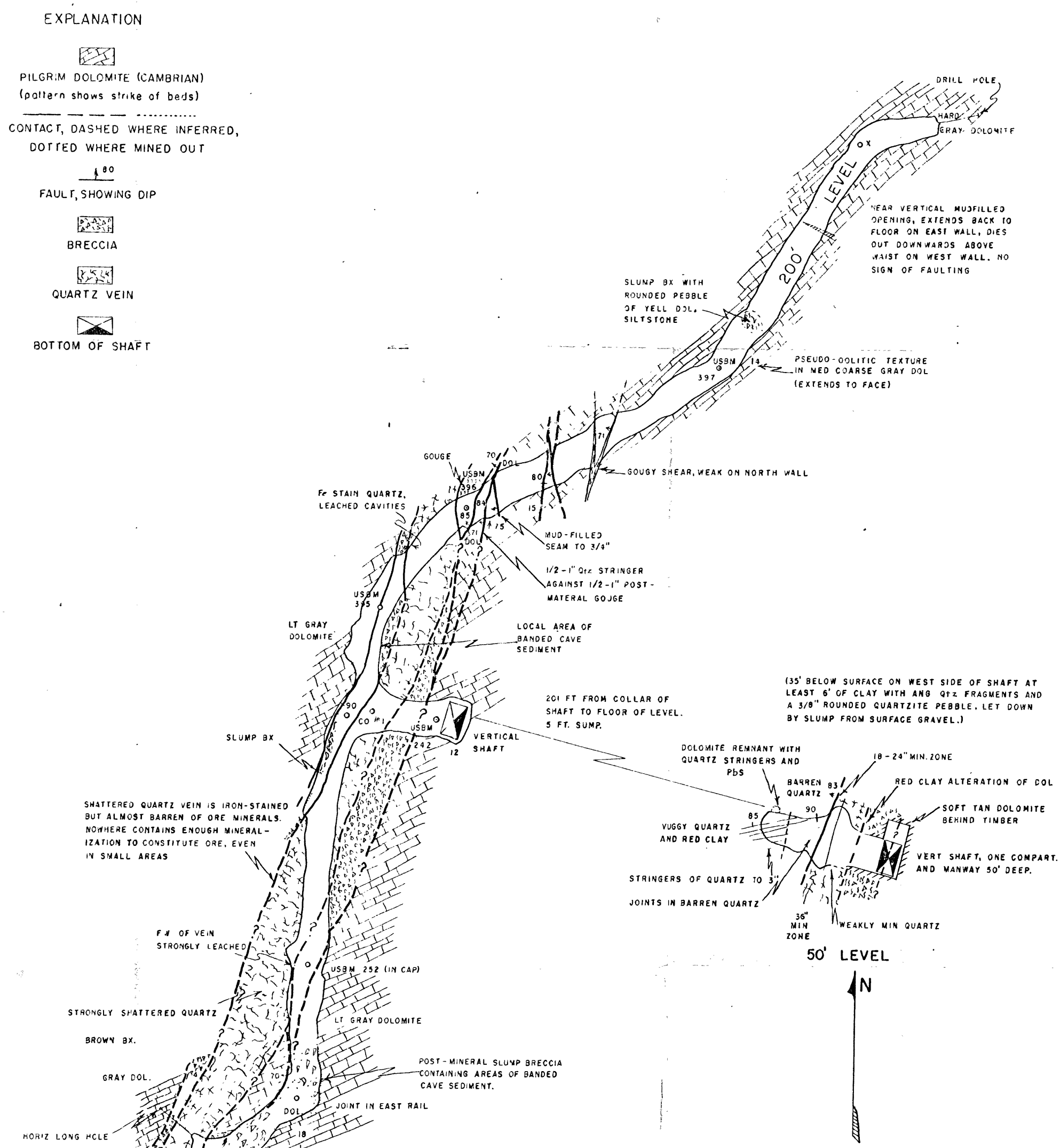
By Roberta Wegener
(Signature of authorized official)

Oct. 16
Nov 8 - 1951
(Date)

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.

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



Traverse by Brunton and tape

GEOLOGIC MAP OF
THE 200' LEVEL
FAITHFUL MINE
BEAVERHEAD COUNTY, MONTANA

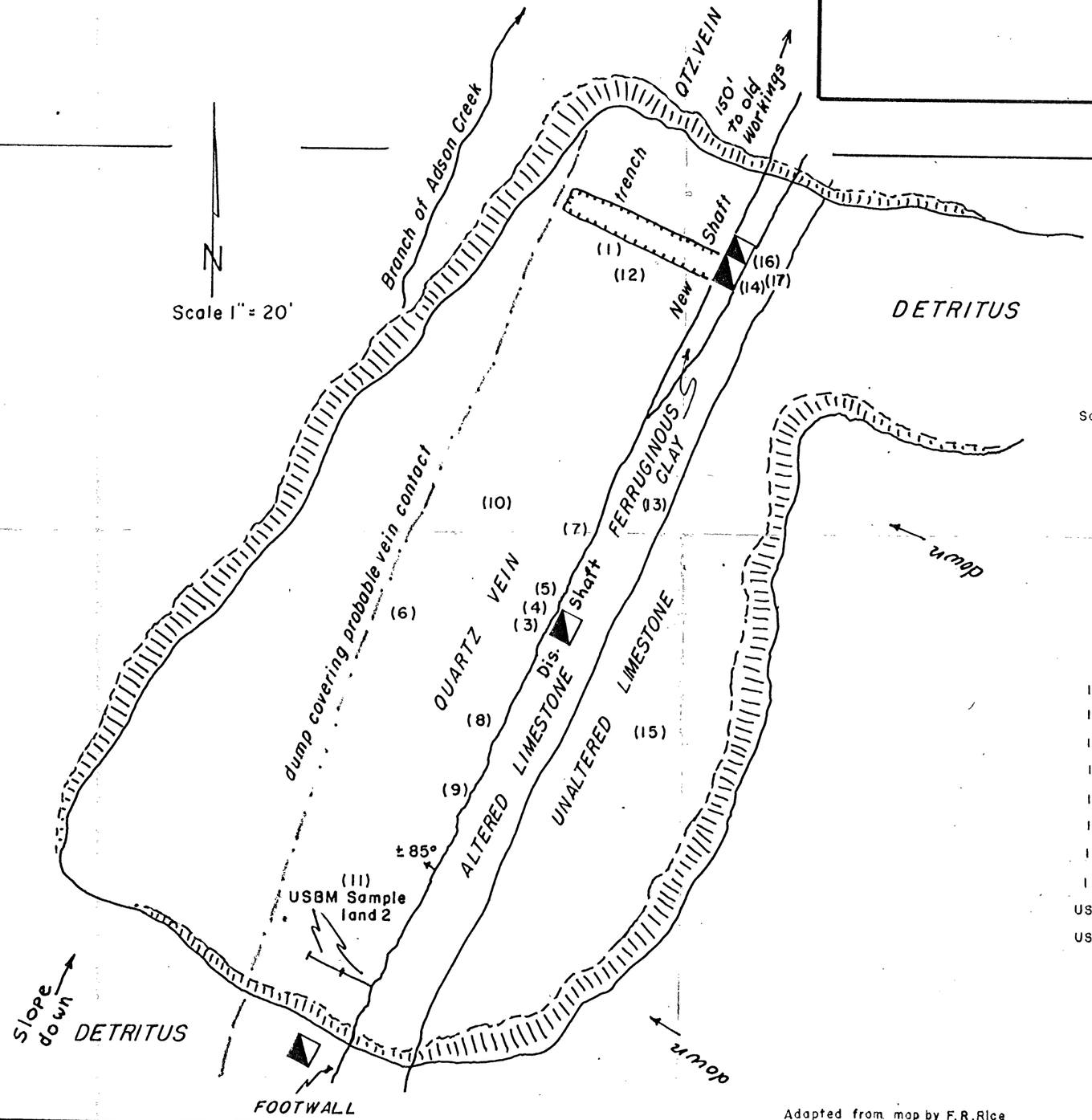
0 20 40 60 FEET

AUGUST 12, 1953

Mapped by W B Myers & J S McNabb

Fig. 3

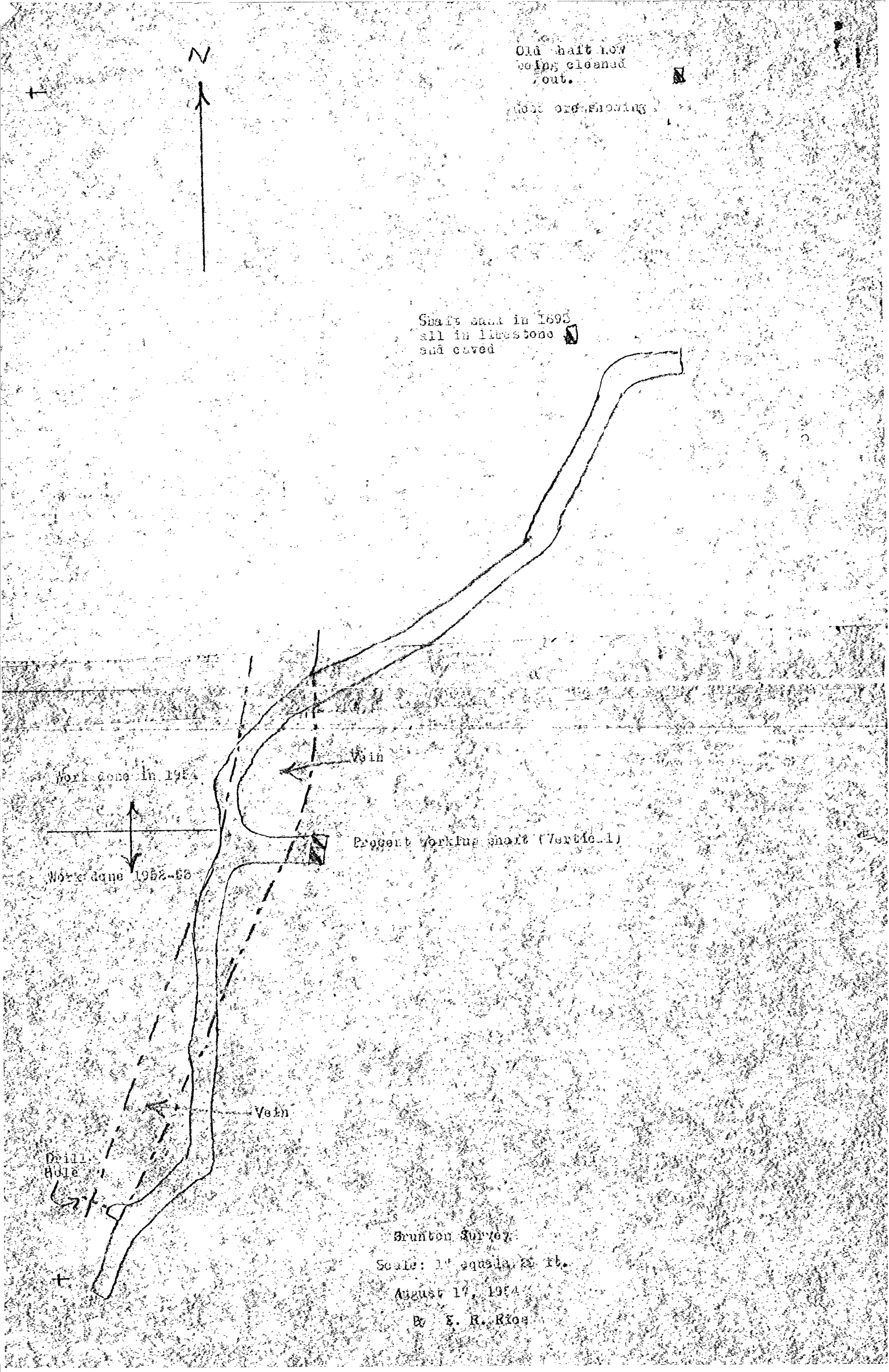
D.M.A. Docket No. 2254



Sample No	Width	Pb%	Cu%	Ag Oz	Au Oz	Description
1	14'	6.3	—	7.1	0.01	Chip sample from outcrop
2	—	—	0.9	30.3	—	——
3	—	—	2.0	52.7	—	Dump, copper stained
4	—	13.2	—	13.6	—	Dump, vuggy quartz
5	—	—	—	7.7	—	Dump, gossan
6	—	3.7	—	2.8	—	Quartz with dissminated galena
7	—	0.6	—	0.6	—	Leached quartz
8	4'	3.8	—	4.4	—	Quartz with dissiminated galena
9	—	11.3	—	10.0	—	100 lbs ore bulldozed from footwall
10	—	—	—	4.1	—	Quartz stained
11	—	—	—	7.8	—	Hard quartz, greenish
12	—	22.6	—	22.6	—	100 lbs. ore bulldozed from outcrop
13	0.25'	21.8	11.3	374.6	—	Cerussite and galena stringer in footwall, limestone
14	—	12.8	7.7	62.4	—	Limestone replacement, ore in shaft
15	—	—	—	1.6	—	Limestone, unaltered
16	—	—	—	0.6	—	Ferruginous clay from shaft
17	—	—	—	4.0	—	Ferruginous clay from shaft
USBM 1	6'	8.8	—	13.4	tr	——
USBM 2	8'	4.5	—	2.4	tr	——

Adapted from map by F.R. Rice

Figure 2. Plan of part of Faithful Vein, Faithful Mine, Beaverhead County, Montana.



Brunton Survey

Scale: 1" equals 22 ft.

August 17, 1954

By E. R. Rice