UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

~~Terminated~~ (or cancelled) without certification. DMEA No. 1226

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

Certificate of Audit (Final).

Interim Audit(s).

Report of Review.

Termination Notice or Agreement.

✓ Recision Notice.

Assignment of Contract.

✓ Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

Operator's monthly reports and all attachments (latest on top).

Right Side

Project summary.

Work completed analysis.

All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report. (Tab)

Operator's Final Report.

Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number_____

Operator's Monthly Reports in folder number _____

Reviewer's Initials

7973

Government Copy
Copper

RESCISSION OF EXPLORATION PROJECT CONTRACT BY
AGREEMENT BEFORE WORK IS BEGUN

It is agreed this 1st day of October 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Eugene J. Meyer hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E205, Docket No. DMEA-1226X, dated November 6, 1951, that said contract shall be and is hereby rescinded, revoked, and cancelled as of the date of the contract, before any actions have been taken or costs incurred thereunder, without any obligation whatever, one party to the other, the same as if said contract had never been entered into.

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By W. H. King
Executive Officer - DMEA
Field Team, Region IV

EUGENE J. MEYER

By Eugene J. Meyer

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

224 New Customhouse
Denver 2, Colorado

October 23, 1952

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Termination of Contract Idm-E205, Docket DMEA 1226X, Eugene Meyer

Enclosed are the original and two copies of "Rescission of Exploration Project Contract by Agreement Before Work is Begun" covering Contract Idm-E205, Docket DMEA 1226X. Copies of this agreement have been given to the operator, the Fiscal Officer, Region IV, and a copy has been retained for our files.

W. H. King
W. H. King

Enclosures

Cae 10-27

RECEIVED
OCT 30 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

AMENDMENT OF CONTRACT: No. Idm-E205

Contract Docket No. DMA 1226X, dated November 6, 1951, between the United States of America and Eugene J. Meyer is hereby amended as follows:

> Referring to Exploration Project Contract Form MF-200, Article 3, Exploration project, after the words, "The Operator within" strike out "sixty (60)", and insert "two-hundred-ten (210)". In the same article, after the words, "all properly designed to bring the project to completion within a period of", strike out "five (5) months" and insert "ten (10) months".

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may pay or the percentage of the costs which the Government may pay under the provisions of Article 13 of the contract form.

Dated January 24, 1952.

gwo

EUGENE J. MEYER

By Eugene J. Meyer

UNITED STATES OF AMERICA

By J. H. Ewing
Executive Officer - DMA

Department of the Interior
Defense Minerals Administration
RECEIVED
JAN 31 1952

Amend Docket

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

224 New Customhouse
Denver 2, Colorado

January 25, 1952

Memorandum

To: C. O. Mittendorf, Acting Administrator, Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Amendment to Contract Idm-E205, Docket DMA 1226X, Eugene J. Meyer

Enclosed are the original and two copies of an amendment to the above contract.

Copies of this amendment have been given to the operator, and to the Fiscal Officer, Region IV, and a copy has been retained for our files.

J. H. EAST, JR.

J. H. East, Jr.

Enclosures

JFS:ld

cc: Docket, contract, chron.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1952

Mr Ellis reviewed attached amendment prior to distribution
AB 2/7/52.

AMENDMENT OF CONTRACT: No. Idm-E205

Contract Docket No. DMA-1226X, dated November 6, 1951, between the United States of America and Eugene J. Meyer is hereby amended as follows:

> Referring to Exploration Project Contract Form MF-200, Article 3, Exploration project, after the words "The Operator, within" strike out "thirty (30)" and insert "sixty (60)". In the same article, after the words, "all properly designed to bring the project to completion within a period of" strike out "two (2) months" and insert "five (5) months".

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may pay or the percentage of the costs which the Government may pay under the provisions of Article 13 of the contract form.

Dated December 4, 1951.

EUGENE J. MEYER

By Eugene J. Meyer

UNITED STATES OF AMERICA

By J. H. Earnest
Executive Officer - DMA

W. H. K.
fws

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

224 New Customhouse
Denver 2, Colorado

December 12, 1951

Memorandum

To: C. O. Mittendorf, Director, Production Expansion Division
Defense Minerals Administration

From: Executive Officer, DMA Field Team, Region IV

Subject: Amendment to Contract Idm-E205, DMA Docket 1226X, Eugene J. Mayer

Enclosed are the original and two copies of an amendment to the above contract which provides for an extension of the starting date.

Copies of the amendment have been given to the operator and to the Fiscal Officer, Region IV, and a copy has been retained for our files.

P. T. Allsman, for
J. H. East, Jr.

Enclosures

JFS:ld

cc: DMA docket, contract, chron.
Koschmann

MF-200
(June 1951)

Docket No. DMA 1226X
Commodity Copper

Idm-E205

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract Cancelled

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 6th day of November, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2]

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

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 Arizona, County of Yavapai described as follows: [3]

The Stoddard Mine, situated in the Agua Fria Mining District in the W½ W½ of Section 17 and the E½ E½ of Section 18, T.12 N., R.2 E., Gila and Salt River Meridian, is 6.0 miles east of Mayer, Arizona.

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:

No encumbrances

(*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 thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] 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 (2) months 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 $2,095.00, which is 50 percent of the agreed estimated total cost of this project, $4,190.00.

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.

Eugene J. Meyer

Eugene J. Meyer
(Operator)

By _____

THE UNITED STATES OF AMERICA

By Frank E. Jorman
Acting Director, Production Expansion Division, Defense Minerals Administration

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

Eugene J. Meyer
Exploration Project Contract
THE STODDARD MINE

EXHIBIT "A"

Exploration Project

Time Schedule-Month

1st

1. To prepare a maximum of four diamond drill stations using day labor.

2. To drill by contract 1,000 feet of diamond drill hole to explore a maximum of four favorable areas into which known copper ore trends may extend (see attached maps).*

* As indicated in section 4 of the contract, all sub-contracts are subject to approval by the government.

The proposed work and the estimated cost thereof is as follows:

1. Diamond drill stations $ 244.00

2. To drill 1,000 feet of diamond drill hole @ $3.00 per foot. The drill Contractor is to furnish the drill and all needed accessories. The contract price includes all costs necessary to complete the drilling with the exception of power costs and the costs of moving the compressor and pipe lines to the various drill sites. These costs are provided for elsewhere. Since the copper ore occurs dominantly in an oxidized form, it is agreeable to the Operator that the project be cancelled after drilling three holes if unsatisfactory sludge or core recoveries do not permit recognition of the ore zone. $3,000.00

Sub-total $3,244.00

Summary of Estimated Costs

Diamond drilling	$3,000.00
Fixtures and improvements	---------
Operating equipment and supplies	290.00
Labor and supervision	783.60
Rehabilitation and repairs	---------
Contingencies	116.40
	$4,190.00
Government participation one half of the above or	$2,095.00

Fixtures and Improvements

Not applicable

Operating Equipment

Equipment to be rented

None

Equipment to be purchased

Second hand pipe and miscellaneous fittings	$ 100.00

Equipment to be furnished by the Operator on a depreciation basis:

	Monthly Allowance
1 - 210 cfm G-D portable gasoline compressor for one month	$ 90.00

Supplies to be purchased

Gasoline, oil and grease for compressor, etc.	$ 200.00
	$ 290.00

Labor and Supervision

1. The following labor will be employed at the rates shown:

1 - Miner to prepare drill stations @ $12.20 per day, twenty days	$ 244.00
2 - Laborers to move compressor and pipe lines @ $12.20 per day, nine days	$ 219.60
1 - Laborer to help move compressor @ $10.00 per day, two days	$ 20.00

2. The following supervision will be employed at the rates shown:

1 - Supervisor-geologist* @ $30.00 per day for ten days	$ 300.00
Sub-total	$ 783.60

* The supervisor-geologist will log the cores and determine the number, direction, attitude and length of the diamond drill holes at each station. He also will be responsible for the cutting or splitting of representative samples from ore-bearing sludges or drill cores and their subsequent handling.

Rehabilitation and Repairs

Not applicable

Contingencies

	$ 116.40
Sub-total	$ 116.40

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERI

DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA - 1226X

Date received 5/01/51

Participation

Eugene J. Meyer
P. O. Box 156
Mayer, Arizona

Name and address of applicant

Date May 12, 1951

FILL IN THIS BLOCK

Date of application May 12, 1951

Estimated cost $5,500

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine Agua Fria District
Yavapai County, Arizona

Date of filing MF-100 May 12, 1951

DMA Docket Number, if available DMA - 1226X

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?
*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.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. attached sheet
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)? attached sheet

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

16—64067-1

all answered on MF-100

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. attached sheet

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

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

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

*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.

*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.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled. attached sheet

*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.

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

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

*17. Production:

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

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

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. none

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. attached sheet

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

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

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

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

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

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

(*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.

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

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

(*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.

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. attached sheet.

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.

By Eugene J. Meyer
(Signature of authorized official)

(Name of company)

May 12, 1951
(Date)

Eugene J. Meyer
Owner
(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

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

8. Profit and loss statement from 1944 through 1948.

1944

		Smelter Return $37,959.90
Labor---------	$ 8,737.24	
Material etc.-	3,757.35	
Other costs---	12,044.72	
Depreciation--	556.50	
Depletion-----	5,693.98	
Costs---------	$30,789.79	
		Net Profit $7,170.11

1945

		Smelter Return $27,775.45
Labor---------	$12,305.46	
Mat. & Supp.--	1,183.57	
Other costs---	8,558.74	
Depr. & Depl.-	5,730.90	
Costs---------	$27,778.67	
		Net loss $3.22

1946

		Smelter Return $44,389.73
Labor---------	$14,061.86	
Mat. & Supp.--	3,312.32	
Other Costs---	12,867.88	
Depreciation--	2,466.40	
Depletion-----	6,658.45	
Costs---------	$39,366.91	
		Net Profit $5,022.82

1947

		Smelter Return $41,937.84
Labor---------	$ 9,725.75	
Mat. & Supp.--	3,685.81	
Other Costs---	9,254.36	
Depreciation--	1,491.40	
Depletion-----	6,290.67	
Costs---------	$30,447.99	
		Net Profit $11,489.85

1948

		Smelter Return $27,284.87
Labor---------	$ 9,885.89	
Mater. & Supp.	2,697.83	
Other Costs---	7,614.46	
Depr. & Depl.-	4,707.28	
Costs---------	$24,905.46	
		Net Profit $2,379.41

9. I am prepared to invest $2,750 in this exploration project.

It is sufficient to pay my part (1/2) of the cost of exploration, in accordance with the regulations governing government participation.

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

10. (a) The exploration will be conducted at the Stoddard Mine which lies in the area covered by the W½ of the W½ of section 17 and the E½ of the E½ of section 18, of Township 12 N., Range 2 E., Gila and Salt River Meridian, Arizona.

(b) Same as above, W½ of W½ Sec. 17, E½ of E½ Sec. 18, T 12 N., R 2 E., Gila and Salt River Meridian

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

15. The ore could be shipped directly to the Hayden, Arizona Smelter of the American Smelting and Refining Company.

It is direct smelting oxide ore with a small amount of high-grade sulfide.

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

20. The ore minerals are the copper oxides and the sulfide chalcocite.

The ore is due to the oxidation and enrichment of original copper sulfides.

Eugene J. Meyer
P. O. Box 156
Mayer, Arizona

21. The proposed exploration work is to be conducted by diamond-drilling in conjunction with a continued study of the geology of the mine.

Drilling will be done to intersect two possible ore shoots. There are surface and underground indications of the existence of these shoots, and the drilling will be aimed to intersect the shoots between these indications.

Drilling will also be done at two points, one below ~~and~~ the upper level and one below the lower level. In the old days the ground above these points was stoped out, and the stopes stop at the levels. The width and length of the stopes on the levels indicate a possible extension below the levels where the ground. is to be drilled.

Geology will be carried on in conjunction with the drilling in order to study the drill core and to continue the study of a structural control of the ore, which has been indicated by past geology.

Approximately one month, after approval of the project, will be required to complete the drilling, and approximately three months to complete the geology.

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

23.	(a) 1 miner @ 12.20 per day, 20 days-------- $	244.00
	(b) Southwestern geolgocal Service to supervise drilling 10 days @30.00------	300.00
	(c) None	
	(d) Moving existing facilities etc. to provide air and water for diamond drilling-	1,000.00
	(e) none	
	(f) none	
	(g) 1 Gardner Denver 210 portable compressor (credit)	200.00
	(h) none	
	(i) Gasoline and oil for compressor during drilling ----	100.00
	Drilling of approximately 1,000 feet of diamond-drill hole @ $2\frac{1}{2}$-3 dollars per foot. ----------	3,000.00
	Drilling by G. S. Thatcher, Box 2761 Phoenix, Arizona.	
	Continuing study of geology for 2 months after drilling, by the Southwestern Geological Service ----------	700.00
	Approximate total cost----------	$5,544.00

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

24. 1 month after approval of the project the diamond drilling should have been finished by the contractor and the major part of the allocated money spent(approximately $4,800)

3 months after approval of the project the geology should be finished by the Southwestern geological service with the expenditure of the rest of the allocated money(approximately $700.00)

Eugene J. Meyer
B.O. Box 156
Mayer, Arizona

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1226X

Date received 5/21/51

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

Name and address of applicant

Date May 12, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

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

1. Materials produced: Not applicable
   (*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 not applicable

   If not in production or operation, estimated date when production will begin August, 1951
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.

Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation. not applicable

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: not applicable

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: not ~~xx~~ applicable

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. not applicable

12. Ore or Mineral Reserves:

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

(*b*) If deposit is other than placer: not applicable

(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: not applicable

(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: not applicable

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.

none

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.

Stoddard Mine
(Name of Company)

By Eugene J. Meyer
(Signature of authorized official)

Eugene J. Meyer

May 12, 1951
(Date)

Owner
(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.

2. Stoddard Mine: Copper producer

(a) 125 linear feet of shafts

(b) 940 linear feet of drifts and 1,000 linear feet of crosscuts.

(c) 420 linear feet of adits and tunnels

(d) Approximately 200 feet of raises and several hundred feet of open stopes.

The mine has water below the lower level, but no problem is presented for the proposed exploration. Productive capacity not known at present.

Eugene J. Meyer
P. O. Box 156
Mayer, Arizona

3. (a) The Stoddard mine is located 6 miles east of the town of Mayer, Arizona which is the nearest shipping point and is served by a branch of the Santa Fe Railroad.

(b) The property is located in the Agua Fria Mining District.

(c) The property is located in section 17, township 12 N, Range 2 E, Gila and Salt River base meridian.

(d) The property is located in Yavapai County, A rizona.

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

4. (a) The property is not now operating

(b) Inapplicable, will operate as owner if exploration work successful.

Eugene J. Meyer
P. O. Box 156
Meyer, Arizona

5. Not in production at present

If exploration proves successful operation should begin about August, 1951.

Eugene J. Meyer
P. O. Box 156
Mayer, Arizona

6. (a) I worked this property from 1944 through 1948 producing some 20,000 tons of ore. My other business experience has been chiefly in ranching in Arizona.

(b) Not Applicable

Eugene J. Meyer
P. O. Box 156
Mayer, Arizona

7. (a) The Stoddard mine is one of the earliest locations in Arizona. The production from rich oxidized copper ores has been considerable. Records of this production prior to 1900 are not available, although ore was mined and smelted on the property prior to this date.

In 1901 about $100,000 worth of copper and precious metals was produced from near-surface oxidized ores. In 1917 the Stoddard Copper Co. shipped 76 tons of ore to the Consolidated Arizona smelter at Humboldt, containing 28 ounces of gold, 303 ounces of silver, and 2,201 pounds of copper. In 1929 the Copper Mountain Mines Co. shipped 950 tons of old smelter slag and 455 tons of old waste dump ore; the slag and dump ore contained 33 ounces of gold, 640 ounces of silver, and 136,900 pounds of copper.

Through 1936 the total production of the Stoddard mine was approximately 5,000,000 pounds of copper with a minor amount of gold and silver.

I purchased the Stoddard mine in 1942, and since that time the production has been as follows.

Year	Tons	Gold	Silver	Copper(lb)
1942	141	—	7	8,239
1943	411	1	24	27,783
1944	3,906	8	233	234,978
1945	3,159	25	376	199,939
1946	5,565	58	611	314,625
1947	3,424	121	588	261,672
1948	1,249	137	530	164,203
1949	202	12	54	14,619

No production in 1950
The ore produced in 1948 averaged approximately 7.5% copper. Operation was suspended in 1949 due to lack of ore.

(b) The Binghampton, about 2 miles northwest of the Stoddard produced about 8,000,000 pounds of copper prior to 1936. The Big Mug deposit lies about 3/4 of a mile south of the Stoddard and operated from 1918 at least through 1926. I do not have any production records on this deposit.

(c) The attached reports show the results of a study of the Stoddard made by the Southwestern Geological Service, and also show their recommendations for future exploration upon which this loan application is based.

Eugene J. Meyer
P. O. Box 156
Mayer, Arizona

13. The mine is connected to the town of Mayer, Arizona by approximately 2 miles of improved dirt road and 4 miles of dirt road in good condition. The town of Mayer is connected to the city of Prescott by 35 miles of improved dirt road and also by a branch of the Santa Fe Railroad.

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

13. The mine is connected to the town of Mayer, Arizona by approximately 2 miles of improved dirt road and 4 miles of dirt road in good condition. The town of Mayer is connected to the city of Prescott by 83 miles of improved dirt road and also by a branch of the Santa Fe Railroad.

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

14. Water is available from sumps and winzes below the lower level of the mine. It is entirely sufficient for all operations and is available throughout the year.

Eugene J. Meyer
P.O. Box 156
Mayer, Arizona

15. The proposed exploration will be conducted by machinery powered by air. The air will be supplied by a Gardner Denver 210 portable compressor which I own. The air supplied by this compressor is entirely adequate for the proposed operations.

Eugene J. Meyer
P. O. Box 156
Meyer, Arizona

17. The equipment now on the property is as follows:

1. Receiving tank for compressed air
2. Pipe for air and water
3. Track for haulage
4. 3 mine cars
5. 2 ore bins

I own a Gardner Denver 210 portable compressor and a receiving tank for compressed air which are the necessary items of equipment which will be used in the proposed exploration. The other items of equipment will be furnished by the man taking the drilling contract.

I also own the necessary equipment to put the property in operation if the exploration work proves successful.

Eugene J. Meyer
P.O. Box 156
Meyer, Arizona

STODDARD MINE
Yavapai County, Arizona

Special Report for Recommended Exploration Work

GEOLOGIC MAPPING

The portions of the Stoddard mine in the vicinity of old workings have been mapped in detail, and the remainder of the underground workings and the surface immediately above the workings have been gone over.in less detail.

STRUCTURE AND ORE CONTROL

The wall rock in the Stoddard mine is an altered sericitic schist, with the schistosity striking about due north and dipping steeply to the west. Locally the schist is strongly sheared, altered, and mineralized with copper oxides and sulfides. Numerous faults, striking from northeast to northwest, are present throughout the workings. To date no evidence has been found that this faulting directly localizes the ore.

The present structural interpretation of ore control has been built up from the attitude of local drag-folding and from the shapes of the old stopes. At present we believe the ore to be localized along the noses of steeply plunging anticlines in a favorable horizon. The inferred attitude of this favorable horizon is shown on the accompanying plan of the mine. The location of this horizon combined with the shapes and attitudes of the old stopes, as shown on the accompanying block diagram, gives the essential information upon which the exploration recommendations are based.

RECOMMENDED EXPLORATION

Zone 1. The exploration in this area is for the extension of a possible ore shoot between the surface and the bottom level, as shown on the mine plan. An overall assay of 3.5% copper has been obtained from the open cut on the surface, and the short raise below it, on the lower level, shows copper oxide. A line between these two points corresponds closely to the attitude of ore shoots now stoped out. We recommend that the ground between these two points be explored by diamond drilling as is indicated on the map.

Zone 2. The situation in this area is similar to than in zone 1. The open cuts on the surface show copper oxide, as does the short raise at the west end of the upper level. Some commercial ore was shipped from the open cuts. A line between these two points corresponds closely to the attitude of known ore bodies. We recommend that the ground below the open cuts be explored by diamond drilling from the surface.

Zone 3. We recommend that the ground below the upper level be explored by diamond drilling from the short crosscut, as is indicated on the plan of the mine. Stoping was carried on above the level at this point (see block diagram), but no attempt has been made to explore the ground below the level. The width and length of the stoping above the level indicates the possibility of an extension in depth.

Zone 4. We recommend that the ground below the lower level be explored to a depth of about 40 feet, as is indicated on the plan of the mine. The width and lenth of the stope above the level at this point (see block dia gram) indicates the probability of an extension in depth.

The amount of drilling which will be involved in the exploration of these four zones is approximately as follows.

Zone 1.	Approximately	300'
Zone 2.	"	250
Zone 3.	"	100
Zone 4.	"	500
Total	Approximately	1,150'

The above drilling will be done at a cost of 2½ to 3 dollars per foot by Mr. G. S. Thatcher of Phoenix, Arizona. The air and water for the drilling are to be furnished by the owner of the property.

RECOMMENDED GEOLOGIC WORK

We recommend that a study of the geology be continued in conjunction with the diamond drilling program. While the drilling is going on, and water is available, the walls of the drifts can be washed down and more detailed information obtained from them, as well as from the drill core.

The surface above the old workings and to the north and south on the property should be studied in more detail. This work will add to the present knowledge of the structure, and may show localities worthy of future exploration.

Southwestern Geological Service

Arthur R. Still

Arthur R. Still

May, 1951

~~The~~ Stoddard Mine

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

224 New Customhouse
Denver 2, Colorado

September 9, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 12 1952

Mr. Eugene Meyer
P. O. Box 156
Mayer, Arizona

Re: DMA Docket 1226X
Contract Idm-E205

Dear Mr. Meyer:

Please inform this office within the next 30 days as to what you plan regarding Contract Idm-E205. Otherwise it will be assumed that you are no longer interested and steps will be taken to cancel the contract.

Very truly yours,

W. H. King

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

JFS:jp
cc Contract
Chron
Secretary to the Operating Committee (2)
WRStorms
AHKoschmann (2)

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

224 New Customhouse
Denver 2, Colorado

June 18, 1952

Mr. Eugene Meyer
Mayer, Arizona

Dmea 1226 X

Dear Mr. Meyer:

In reply to your letter dated May 31, 1952, in which you state that you have not been able to start exploration work under Contract Idm-2205, we are willing to extend the starting date until August 1, 1952. Please advise if this will be satisfactory to you.

Yours very truly,

W. H. King

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

JHS:ld

cc: Contract, Chron.
Koschmann
Storms
Secretary to the Operating Committee

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
JUN 26 1952

FILE COPY
SURNAME:

200

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

February 4, 1952

Memorandum

To: Mr. Waterhouse, Requirements Division, DMPA

From: Mr. Robert Adams, Acting Administrative Officer, DMEA

Subject: Request for Serialization

There is attached a memorandum from Mr. East, Executive Officer, Field Team, Region IV, requesting on behalf of Mr. Eugene J. Meyer, Stoddard Copper Mine, a serial number for the mine.

To support this request there is also attached two copies of MF-100, Exploration Project Contract, Idm-E205, issued by the Defense Minerals Exploration Administration, and is now in effect.

SIGNED 2-4-52

Robert E. Adams
Acting Administrative Officer
Defense Minerals Exploration
Administration

Enclosures

REAdams/meb
cc to: Adm.Reading File
Mails & Files

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

224 New Customhouse
Denver 2, Colorado

January 29, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Application for Serial Number, Eugene J. Meyer, Stoddard Copper Mine, DMA 1226X,

Agents for Mr. Meyer have requested that a serial number be issued to the Stoddard Copper Mine, Yavapai County, Arizona, in the name of Eugene J. Meyer.

Mr. Meyer's contract number is Idm-E205. Form MF-100 was completed and sent to Washington when Mr. Meyer applied for the loan.

J. H. East, Jr.

J. H. East, Jr.

Copy of this memo & 2 copies MF-100 sent to Mr Waterhouse Requested Feb 4/52 for processing. JHEast

2 649

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1952

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

224 New Customhouse
Denver 2, Colorado

January 25, 1952

Memorandum

To: C. O. Mittendorf, Acting Administrator, Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Amendment to Contract Idm-E205, Docket DMA 1226X, Eugene J. Meyer

Enclosed are the original and two copies of an amendment to the above contract.

Copies of this amendment have been given to the operator, and to the Fiscal Officer, Region IV, and a copy has been retained for our files.

J. H. East, Jr.

J. H. East, Jr.

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FILED
JAN 31 1952

OFFICE OF THE ADMINISTRATOR

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

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 17 1951
Defense Minerals Administration,
Production Expansion Division.

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 17 1951

December 12, 1951

Memorandum

To: C. O. Mittendorf, Director, Production Expansion Division
Defense Minerals Administration

From: Executive Officer, DMA Field Team, Region IV

Subject: Amendment to Contract Idm-E205, DMA Docket 1226X, Eugene J. Meyer

Enclosed are the original and two copies of an amendment to the above contract which provides for an extension of the starting date.

Copies of the amendment have been given to the operator and to the Fiscal Officer, Region IV, and a copy has been retained for our files.

P. T. Allsman, for
J. H. East, Jr.

Enclosures

OFFICE OF THE ADMINISTRATOR

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

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 4 1951
Defense Minerals Administration,
Production Expansion Division

224 New Customhouse
Denver 2, Colorado

Mr. DeGraff

November 28, 1951

REGISTERED MAIL

Memorandum

To: C. O. Mittendorf, Director, Production Expansion Division
Defense Minerals Administration

From: Executive Officer, DMA Field Team, Region IV

Subject: Signed contract Idm-E205, DMA Docket 1226X, Eugene J. Meyer's Stoddard Copper Mine, Yavapai County, Arizona

Enclosed are the original and three copies of the above signed contract. One copy of this contract has been given to the operator and one copy has been retained for our files.

J. H. East, Jr.

J. H. East, Jr.

Enclosures

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
DEC 4 8 20 PM '51

400

FILE COPY
SURNAME:

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

NOV 8 1951

Mr. J. H. East, Jr., Executive Officer
Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMA 1226 X
Eugene J. Meyer
Stoddard Mine
Exploration Contract Idm-E205

Dear Mr. East:

We are enclosing the original and five copies of the above referenced exploration contract signed by this office for the Government, together with Exhibit "A" (3 pages) and two maps.

If the terms and conditions of this contract are approved by the Operator, all six copies should be signed by him. One copy should be given to the Operator, one copy retained by your office and the original and three copies returned to this office.

If any part of this contract does not have the approval of the Operator, the original and all copies of the contract are to be returned to this office together with the proposed changes for consideration.

Please note that the following major changes have been made in the contract as originally outlined:

1. Equipment to be furnished by the Operator has been listed on a depreciation basis instead of a rental basis.

2. The item for geologic mapping was eliminated as it had no bearing on the present drilling program.

3. The item for moving the compressor, etc. was reduced in keeping with a letter, dated October 15th, from Mr. Arthur R. Still, the Operator's representative,

The above changes have reduced the original estimated cost of the project from $5,544.00 to $4,190.00.

Sincerely yours,

(signed) FRANK E. JOHNSON (for) 87

Acting Director,
Production Expansion Division

11/8

Enclosures - 6
APPROVED:

Chairman, Coordinating Committee

Member, Bureau of Mines

Member, Geological Survey

GCSelfridge/hmj 11-6-51

cc to: R & R
PED
Mr. Moon
Reg. IV
Docket
Adm. Reading File
Mr. Gowen
Mr. C. H. Johnson
Mr. McKnight
Mr. Selfridge

FILE COPY
SURNAME:
140

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

November 5, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Eugene J. Meyer exploration contract -- Docket No. DMA-1226X

The proposed exploration contract in this case, resubmitted to us on November 2, 1951, meets the objections of our memorandum of October 31, 1951, and is approved as to legal form and sufficiency for signature on behalf of the Government subject to:

1. Proper signature on behalf of the applicant.

2. Proper dating prior to delivery.

3. Government approval of any subcontracts under which work upon the project is to be performed.

Your file is returned herewith.

not stripped in RTR

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachment

RRGuthrie/ema

Copy to: Reports & Records
J. L. Hofflund
R. R. Guthrie
Chron.

140
FILE: DMA-1226X
SURNAME:

Guthrie

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

October 31, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Eugene J. Meyer exploration contract -- Docket No. DMA-1226X

We are unable to approve the proposed exploration contract in this case, submitted to us on October 29, 1951, for the following reasons:

1. The description of the property in Article 2 does not make clear whether the Stoddard Mine and the W½ W½ of Section 17 and the E½ E½ of Section 18 are identical, and if not which area is to be the subject of the contract.

2. The use of the heading "Stage I" throughout Exhibit A is confusing inasmuch as there appears to be only one major division of the work and no stage II is ever mentioned.

Your file is returned herewith.

J. L. Hofflund

J. L. Hofflund
General Counsel

not stripped

Attachment

RRGuthrie/ema

Copy to: Reports & Records
J. L. Hofflund
R. R. Guthrie
Chron.

a. t. c.

Mr. Field for [illegible]

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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 26 1951
Defense Minerals Administration,
Production Expansion Division.

October 23, 1951

Memorandum

To: C. O. Mittendorf

From: Executive Officer, DMA Field Team, Region IV

Subject: DMA-1226, Stoddard Copper Mine, Yavapai County, Arizona

As a result of a telephone conversation, presumably from you to Mr. East, about October 8, a request was made on the Tucson office to obtain additional information on the above docket. Attached, please find a letter from C. A. Anderson, U. S. Geological Survey, transmitting copies of estimates from Arthur R. Still, which gives the information you requested. The diamond drill contractor still claims that he is willing to conduct the diamond drilling for $2.50 to $3.00 per foot. If he can do it, it is about 50 percent lower than any costs for drilling that we have heard of being done in Arizona.

Paul T. Allsman

Paul T. Allsman, Alternate

Enclosures

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 26 8 37 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Box 633, Prescott, Ariz.
October 15, 1951

Memorandum

To: J. H. East and A. H. Koschmann, through A. H. Koschmann

From: C. A. Anderson

Subject: DMA 1226, Stoddard Copper Mine, Yavapai County, Arizona

Following your request of October 8 for additional information concerning the above application for an exploration loan, two enclosures are attached. One enclosure gives the breakdown of costs in moving compressor, drills, and equipment. The breakdown as given by Arthur S. Still of the Southwestern Geological Service, the consultant for Eugene Meyer the applicant, reduces the previous estimate from $1,000 to $456, resulting in the decrease of the total cost of the project to $5000.

The second enclosure is a statement from Arthur S. Still concerning the cost of diamond drilling.

I might add that the Southwestern Geological Service is acting for the agent of the owner and applicant, Eugene Meyer. At present, Meyer is seriously ill, hence it was expedient for me to deal directly with Arthur R. Still.

Charles A. Anderson

Charles A. Anderson
District Supervisor Ariz. N.M.
Mineral Deposits Branch

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.
OCT 26 8 37 AM '51

OCT 1951
RECEIVED
U.S. Geological Survey
Mineral Deposits Branch
Denver

Southwestern Geological Service

BOX 1512
PRESCOTT, ARIZONA

ALFRED D. WANDKE

ARTHUR R. STILL

October 15,1951

To: Dr. C. A. Anderson
Re: DMA 1226, breakdown of question 23 (d).

Moving compressor, Mayer to mine----------	$ 25.00	- 2
Zone 1:		
Stringing pipe (water and air lines)		
two days labor, two men----------	58.80	- 4 + 10
purchase of used pipe----------	75.00	
misc. fittings----------	25.00	
Covering mill holes to prepare drilling site:		
one days labor, two men----------	24.40	- 2
Misc. timber (on hand)		
Zone 2:		
Stringing pipe (water and air lines)		
two days, two men---------- --------	58.80	- 4 + 10
Zone 3:		
Moving compressor to new site nearer zones three and four----------	25.00	- 2
Stringing water and air lines:		
one days labor, one man----------	12.20	- 1
Zone 4:		
Misc. clean up to prepare site:		
one days labor, one man----------	12.20	- 1
Stringing water and air lines:		
one days labor, two men----------	24.40	2
	340.80	
Safety factor for unforseen costs or delays------	116.20	
	$ 456.00	

$100.00

Note: This will revise the approximate total cost of the project to $5000.00

Arthur R. Still

Arthur R. Still

Southwestern Geological Service

BOX 1512

PRESCOTT, ARIZONA

ALFRED D. WANDKE

ARTHUR R. STILL

October 15,1951

To: Dr. C. A. Anderson
Re: DMA 1226, $2.50 to $3.00 per foot diamond drilling cost.

Mr. G. S. Thatcher, the diamond drilling contractor involved, has given a verbal commitment to drill the proposed holes on the Stoddard property at a cost of $2.50 to $3.00 per foot.

Mr. Thatcher is at this time doing some drilling under our supervision at a cost considerably under that estimated by two other drilling firms. His work is highly satisfactory, in every way equal in quality to that of competitive firms.

Mr. Thatcher is, to the best of my knowledge, a man of high integrity. There is no doubt in my mind but what he will stand by his estimated price per foot.

Arthur R. Still

Arthur R. Still

310 FILE COPY
SURNAME:

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

[redacted]
Gowen
Weston
Johnson

SEP 24 1951

Memorandum

To: Director, Production Expansion Division

From: Director, Supply Division

Subject: Application for Exploration Aid of Mr. Eugene J. Meyer, DMA-1226X, Commodity-Copper, Government Participation-$2772.00

Transmitted herewith are six copies of contract with exhibits attached, one field team report, one report on Stoddard Mine, one application and answer sheets and one Form MF-100 with answer sheets.

This project is recommended for approval by the DMA Field Team Region IV with the reservation that if unsatisfactory sludge or core recoveries do not permit recognition of the ore zone in drilling the first three holes, the loan be cancelled. The applicant is agreeable to this reservation. The Supply Division concurs in this recommendation.

Tom Lyon

Tom Lyon, Director
Supply Division

Attachments

RVWaugh:rw
9/20/51

not stipped in R&R.

Copy to: Administrator's Reading File
Executive Officer, DMA Field Team IV
Copper Branch
Files - DMA Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

REGION IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

Air Mail

August 28, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: DMA Docket 1226X, Stoddard Copper Mine, Yavapai County, Arizona

Enclosed herewith are original and two copies of the above report.

Mr. C. A. Anderson recommends that the application be granted for diamond drilling, with the understanding that the loan can be cancelled if the drilling is not satisfactory. We concur with this recommendation.

J. H. East, Jr.

for A. H. Koschmann

enclosures

ON-SITE EXAM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P.O.Box 4126, University Station
Tucson, Arizona

August 15, 1951

Memorandum

To: Field Team, Region IV

Through: Mr. A. H. Koschmann

From: Mr. A. F. Shride

Subject: DMA 1226X, Stoddard Copper Mine, Yavapai County, Arizona

Enclosed are the original and 7 copies of a memorandum report by C. A. Anderson of the Geological Survey on the above docket. Please return 1 copy to us and 1 copy to Mr. Stearns. Mr. Stearns has reviewed this memorandum. The brochure is enclosed.

For the loan proposed it is believed that the memorandum by Andersen and the information furnished by the applicant in his application provide sufficient data for preliminary negotiation of a contract.

Andersen recommends that an exploration loan be granted because of the geologic probability that minable ore will be discovered. It should be noted that the applicant does not wish to explore by underground methods because of the cost. The diamond drill contractor is competent, therefore Andersen has recommended that drilling be given a trial and that the loan be cancelled if drilling is not satisfactory.

A. F. Shride
Acting District Supervisor
Arizona-New Mexico

Enclosures 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P.O.Box 4126, University Station
Tucson, Arizona

August 15, 1951

Memorandum

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

From: Mr. Charles A. Anderson

Subject: DMA 1226X - Stoddard Copper Mine, Yavapai County, Arizona

Introduction

The applicant has asked for a 50 percent Government participating loan, totaling $5,500, to explore for additional ore shoots in the Stoddard mine. The Coordinating Committee has requested additional information as follows:

Item 4: Review sheet - What is the geologic probability of discovery of ore?

Item 17: Review sheet - Relative merits of diamond drilling vs. drifting, raising, etc. should be considered; what price is necessary to make ore profitable. Applicant should submit firm contract with Southwestern Geological Service if venture is worthy.

Anderson visited the property on August 9, 1951 in company with the applicant, Eugene J. Meyer, and Arthur R. Still of the Southwestern Geological Service.

Item 4 - Geology

Past production of copper ore from the Stoddard mine has been mixed oxide and chalcocite ore, shipped directly to smelters. The ore occurs in small but relatively high grade ore shoots that plunge steeply to the south.

The country rock is pre-Cambrian Yavapai schist; in the vicinity of the Stoddard mine the schists are metamorphosed rhyolitic flows and interbedded tuffaceous sediments. The Southwestern Geological Service postulated south plunging folds as the essential control for ore deposition. Folds are present, but it was my interpretation that intersecting north-south and east-west shear zones are more important in ore control, and the intersection of the shear zones plunges southward steeply. For the purposes of the proposed exploration, the differences of interpretation are largely academic.

A little primary chalcopyrite was noted on the lower level. Concentration of copper in the form of chalcocite by secondary enrichment was followed by partial oxidation of the chalcocite to form cuprite, azurite, malachite, and chrysocolla.

The proposed exploration program is good, for it is based on searching for extensions of known copper occurrences along favorable structural lines. Zones 1, 2, and 3 are probably more favorable in that they would explore ground at elevations that contained good ore in the older stopes. Zone 4 is designed to determine if one of the largest stopes continues below the lower level. (For location of zones see "Plan of Stoddard Mine" and "Cabinet Projection of Stoddard Mine," illustrations that accompany the application.)

The anticipated potential tonnage and grade in the four proposed targets is as follows:

	Estimated Tonnage	Estimated Grade
Zone 1	2,000 tons	9% Cu
Zone 2	2,000 tons	9% Cu
Zone 3	900 tons	7% Cu
Zone 4	2,000 tons	7% Cu

These estimates are based on the size and grade of the ore shoots that have been mined, and are reasonable estimates. It is my opinion that the geologic probability of finding ore shoots of these sizes and grade is good.

Item 17

The applicant has concentrated most of his past mining in one stope, and settlement sheets from the smelter show that the grade of the ore ranged from 6 to 11 percent copper, and averaged about 9 percent. In addition, he was paid from $3 to $4 a ton for the gold content in most shipments. Any ore found by the proposed exploration program can be anticipated to be of equal grade, so the applicant is assured of a profit with the present price of copper.

The question of diamond drilling vs. drifting, raising, etc. is more difficult to answer. Obviously, good core recovery will not be made in the ore zone, because of the rather soft character of the ore. It is debatable whether or not sludge recovery will be satisfactory to determine the presence of ore, because of the danger of loss of drill water. The country rock is fairly strong quartz-sericite schist that should give no trouble. The applicant has had one diamond drill hole made in the past; no ore was encountered, so the question as to favorable results are unanswered. The applicant wishes to try diamond drilling because of the cost factor; the diamond drill contractor who has bid on the job has made a very attractive offer to do the drilling for $3.00 to $3.50 per foot. The driller, G. S. Thatcher, has an excellent reputation for the quality of his work. Furthermore, the applicant does not have the financial resources at present to embark on a more expensive program of conventional drifting, raising, etc.

If the application for an exploration loan is granted, the applicant will enter into a firm contract with the Southwestern Geological Service to supervise the drilling and log the cores, 10 days @ $30 per day. The geological studies to be made after drilling will consist largely of surface mapping, at the rate of $30 per day plus travel expenses, not to exceed $700, and to be done within two months after completion of drilling. This geological work is worthwhile, and Arthur R. Still and A. D. Wandke of the Southwestern Geological Service are competent geologists.

Recommendation

It is my recommendation that the loan be approved for the Government's share of a $5,500 cost with the reservation that if unsatisfactory sludge or core recoveries do not permit recognition of the ore zone in drilling the first 3 holes, that the loan be cancelled. The applicant is agreeable to this reservation.

A. F. Shride for

Charles A. Anderson
District Supervisor
Arizona-New Mexico

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

JUL 20 1951

REGIONAL [illegible]
OFFICE
JUL 24 1951
DENVER, COLORADO

Mr. J. H. East, Jr.
Executive Officer, DMA Field Team IV
224 New Customhouse
Denver 2, Colorado

Dear Sir:

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

Docket No. DMA 1226X

Commodity Copper

Applicant Mr. Eugene J. Mayer, P. O. Box 156, Mayer, Arizona

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

Very truly yours,

Tom Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Dwight M. Lemmon
For Geological Survey

310
FILE COPY
SURNAME:

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

Lemmon
Lemmon for Rose

Re: Docket 1226Z

Mr. Eugene J. Meyer
P. O. Box 156
Meyer, Arizona

JUL 20 1951

Dear Mr. Meyer:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. J. H. East, Jr., Executive Officer, DMA Field Team, Region IV, 224 New Customhouse, Denver, Colorado.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Copy to: Executive Officer, DMA Field Team IV
Reports and Records Branch
Administrator's Reading File
Coordinating Committee
[illegible]
Charles [illegible] Johnson
D. [illegible]
Files

Docket 1226

856

FILE COPY
SURNAME:

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

June 19, 1951

Mr. Eugene J. Meyer
Post Office Box 156
Meyer, Arizona

Subject: DMA-1226X
Re: Exploration Loan -
Stoddard Mine

My dear Mr. Meyer:

Receipt is acknowledged of your application and attachments of May 12, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1226X and referred to Mr. J. B. Gowen, Chief, Copper Branch on May 23, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1226X.

Sincerely yours,

LANDON F. STROBEL
Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Gowen
Lyon

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1226X

Commodity Copper

Total Amount $5,500

Govt. Participation 50 Percent

1. Name and Address of Applicant Eugene J. Meyer, P.O. Box 156 Mayer Arizona

2. Location of Property Arizona, Yavapai County, Agua Fria Mining District

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

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

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

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

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? apparently not

a) MF-201? _____

b) MF-202 _____

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

a) Available manpower Yes

b) Equipment and supplies _____
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Good.

d) Water (question 13)* Yes

e) Power (question 13)* yes

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

_____

Is a field check needed on this point? No

10. Exhibit A. (questions 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? yes 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? no

11. Exhibit B (question 23-d)*

a) Is it applicable? yes

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

c) Is a field check needed? no

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

a) Is it applicable? e & f no g yes

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

c) Are rents and charges reasonable? yes

d) Is a field check needed? no

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? no

Exhibits Dma 1226 X

A: Proposes to explore favorable areas by diamond drilling approximately 1,000 feet of holes, and complete geological study of mine.

Summary of Cost Estimates

Preparation of drill stations 20 da. @ $12.20	$ 244.00
Drilling (contract) 1000 ft @ $3.00	3,000.00
Supervision 10 da @ $30.00	300.00
Geologist 2 months @ $350.00	700.00
Moving compressor and other facilities	1,000.00
Rental of compressor by applicant-owner, oil, gas etc	300.00
	$ 5,544.00

B: moving compressor, pipes etc $ 1,000.00

C: g) Rent for compressor 30 da @ $6.67 $ 200.00
i) gas and oil $ 100.00

D: 1 miner 20 da @ $ 12.20 $ 244.00
1 drill supervision 10 da @ $30.00 $ 300.00
1 geologist 2 mos. @ $350.00 $ 700.00
Drilling Contract 1000 ft @ $3.00. $ 3,000.00

E: not applicable

AKm

14. Exhibit E (question 23-c)*

a) Is it applicable? no

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? no

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? Have applicant submit firm contract with Southwestern Geological Service, ~~and state showing that he is the owner~~ if this appears to be a working venture. Field Team should question relative merit of diamond drilling vs. raising or sinking on ore; also should determine what price necessary to make ore of this grade profitable.

Reviewed by: O.P. Mochoen
C.G. Johnson
J.B. Gower
Geol.

Date July 9, 1951

97692

Application for Exploration Aid

DMA-1226X

Exhibit A

1. Exploration Project

Explore favorable areas by diamond drilling approximately 1,000 ft. of holes and complete geological study of mine.

Summary of Costs

Preparation of drill stations 20 days @ $12.20/day	$ 244.00
Drilling (contract) 1000 ft. @ $3.00/ft.	3,000.00
Supervision	1,000.00
Moving compressor and other facilities	1,000.00
Allowance for operating equipment	300.00
	$5,544.00

Time to complete project: 3 months

2. Fixtures and improvements

Not applicable

3. Operating Equipment

a. To be rented

Drilling (contract) 1000 ft. @ $3.00/ft. $3,000.00

b. To be purchased

Not applicable

c. Equipment furnished by operator

Compressor 30 days @ $6.67/day $200.00

4. Labor and Supervision

a. Labor

1 miner 20 days @ $12.20/day $244.00

b. Supervision

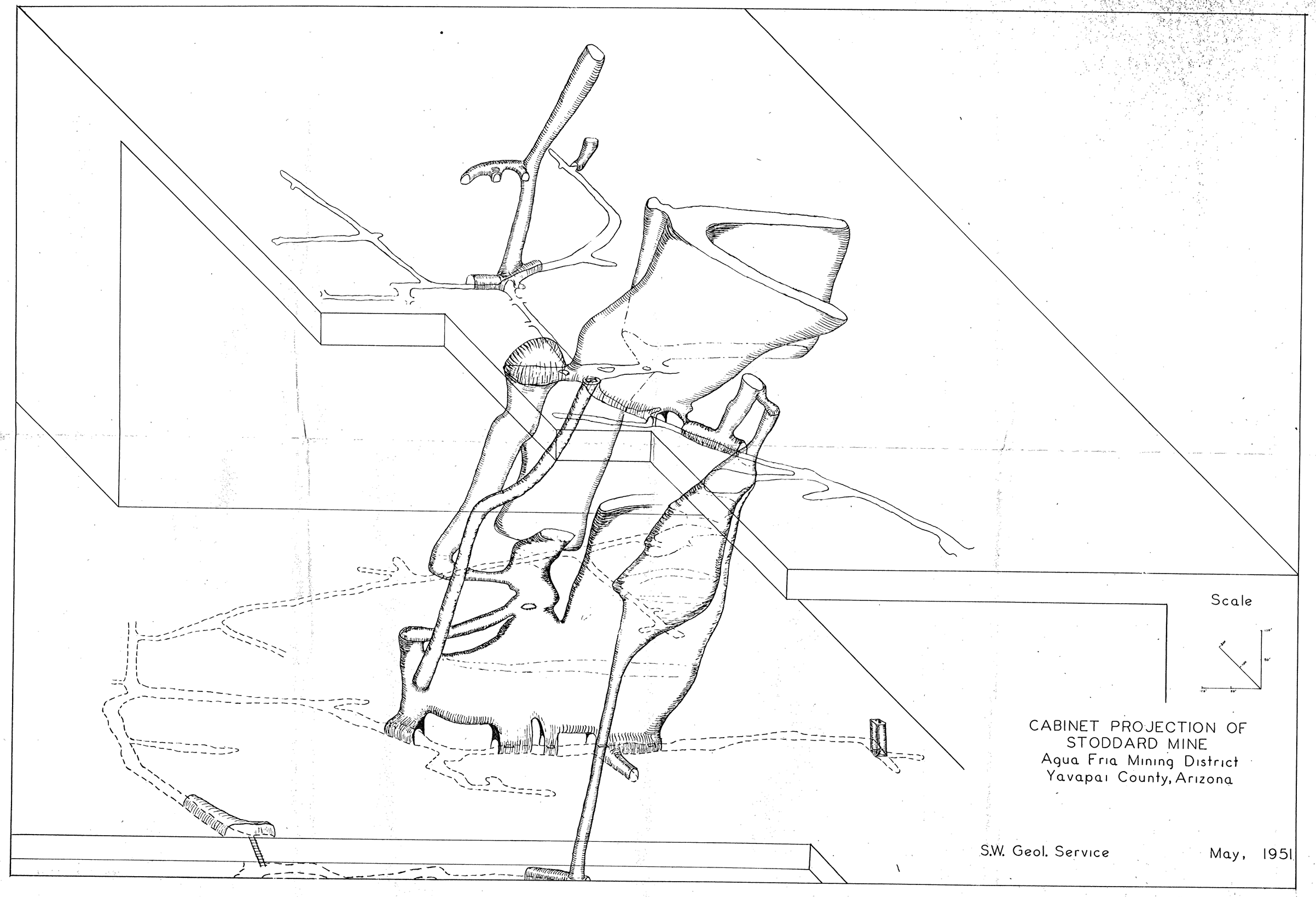
1 drill supervisor 10 days @ $30.00/day $300.00
1 geologist 2 mos. @ $350.00/mo. $700.00

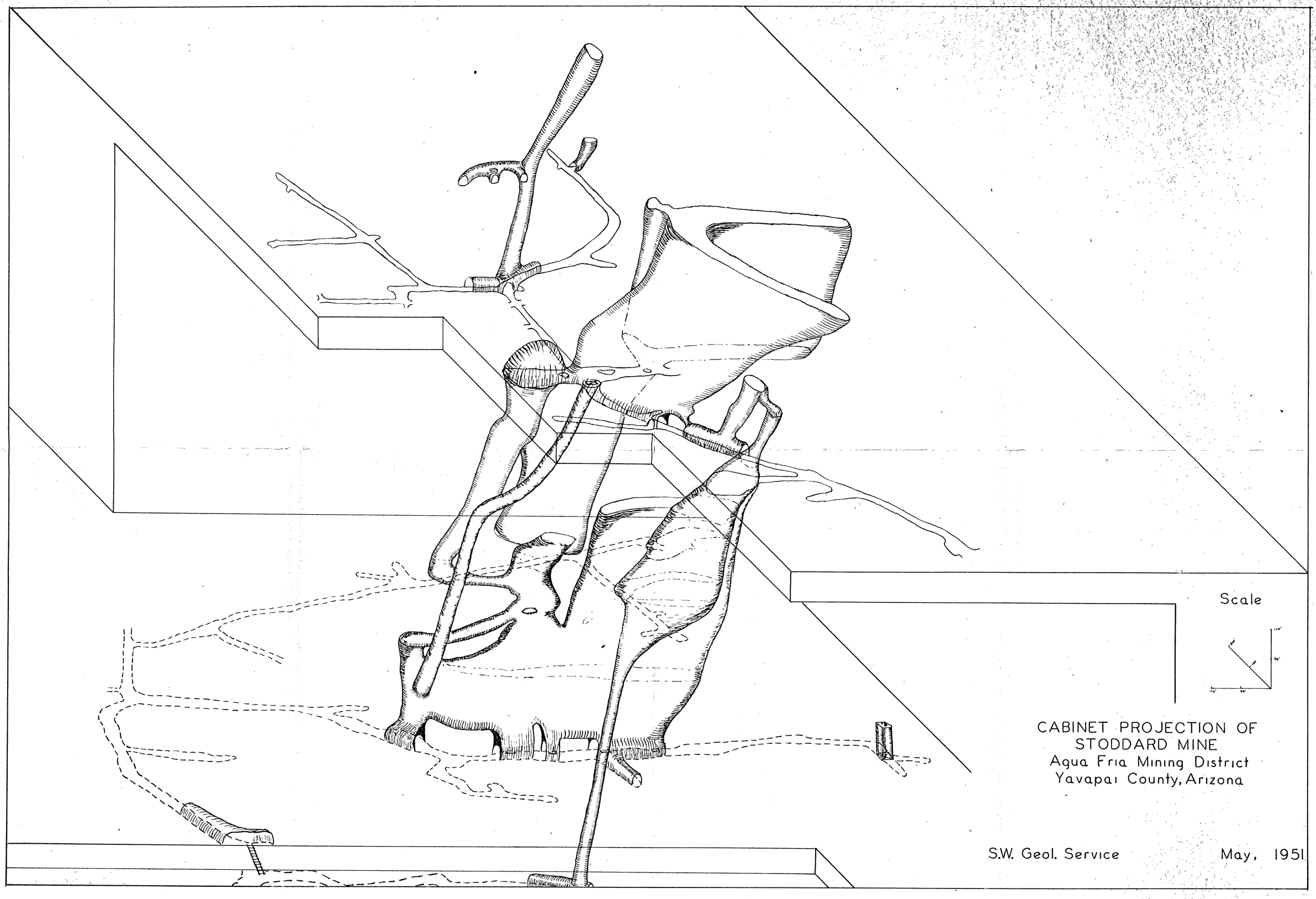
5. Rehabilitation and Repairs

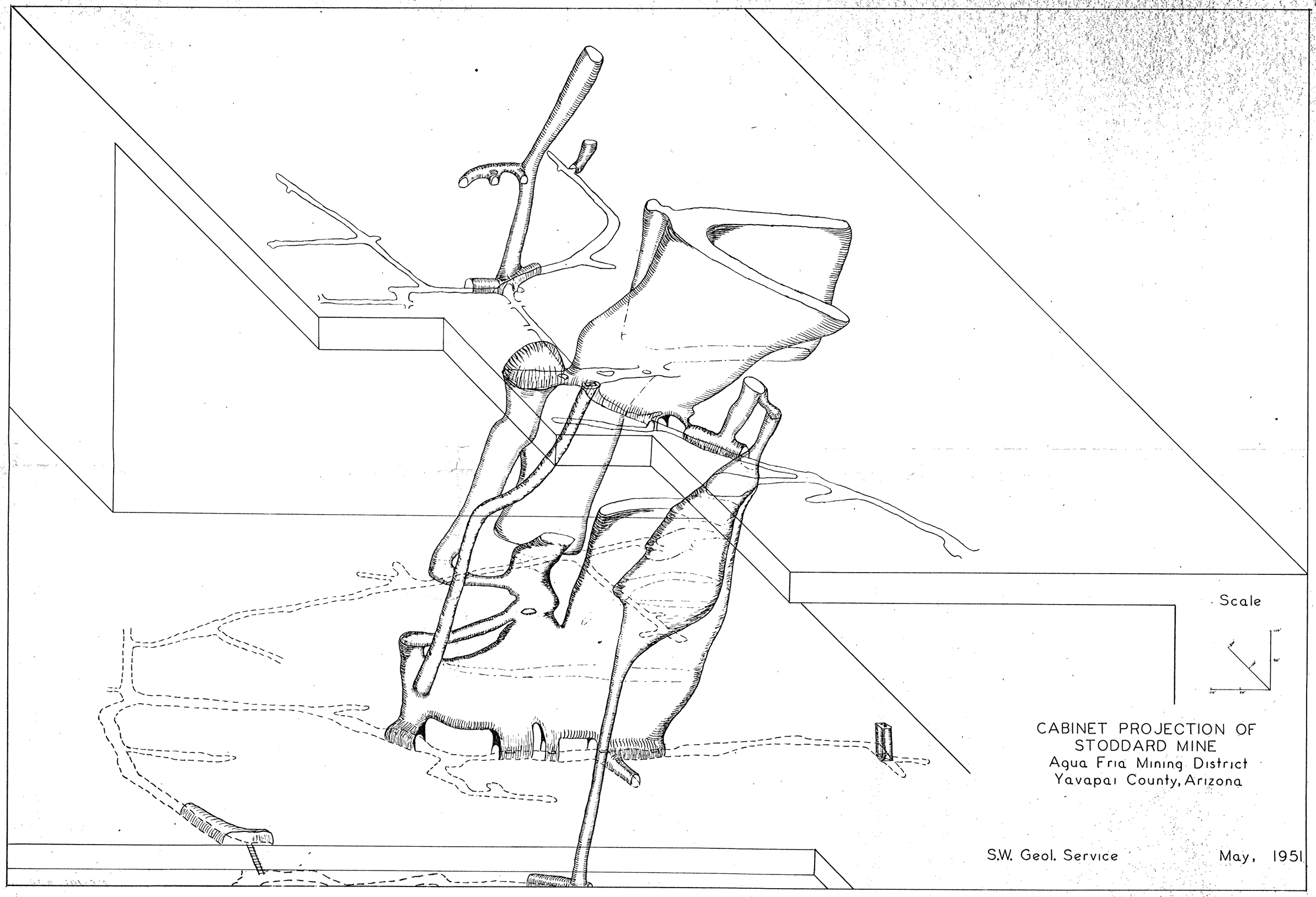
None

6. Miscellaneous Expenses

Moving compressor and other facilities	$1,000.00
Gasoline and oil for compressor	100.00


Scale
CABINET PROJECTION OF
STODDARD MINE
Agua Fria Mining District
Yavapai County, Arizona
S.W. Geol. Service
May, 1951


Scale
CABINET PROJECTION OF
STODDARD MINE
Agua Fria Mining District
Yavapai County, Arizona
S.W. Geol. Service
May, 1951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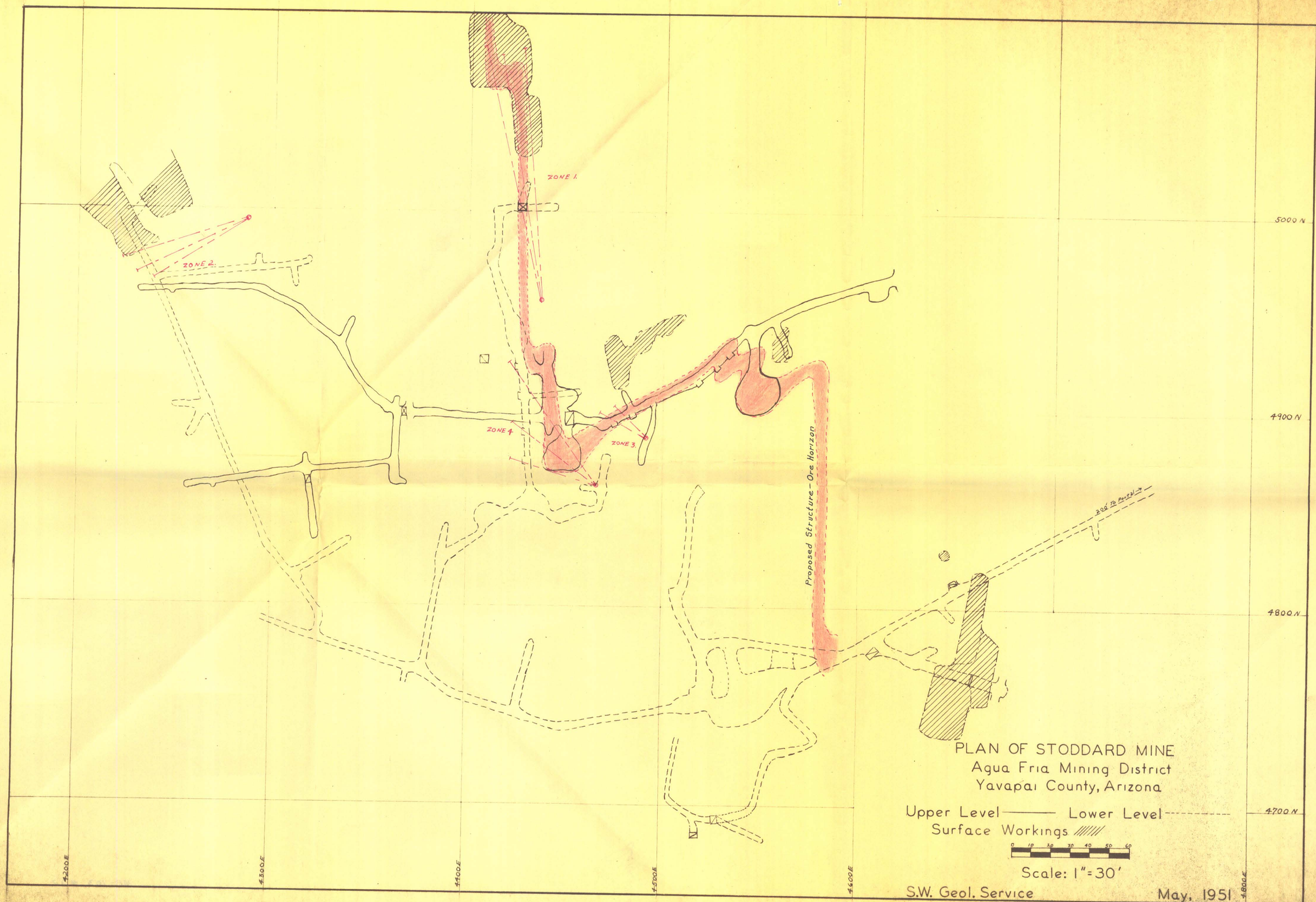
CABINET PROJECTION OF
STODDARD MINE
Agua Fria Mining District
Yavapai County, Arizona
S.W. Geol. Service
May, 1951


ZONE 1.
ZONE 2.
ZONE 3
ZONE 4
Proposed Structure - Ore Horizon
300' to Portal
5000 N
4900 N
4800 N
4700 N
4200 E
4300 E
4400 E
4500 E
4600 E
4800 E
PLAN OF STODDARD MINE
Agua Fria Mining District
Yavapai County, Arizona
Upper Level
Lower Level
Surface Workings
0 10 20 30 40 50 60
Scale: 1" = 30'
S.W. Geol. Service
May, 1951