UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 2013.

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 _____

7973

Reviewer's Initials B. Rogers 10/12/53

Bureau of Mines, Missoula
RECEIVED
NOV 23 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of

AMADOR MINING COMPANY
P. O. Box 118
Missoula, Montana

pertaining to Exploration Project Contract No. Idm-E215, Docket No. DMA-2013 dated November 30, 1951, including Amendments Nos. 1 and 2 and Termination Agreement dated September 3, 1952, with Amendment to Termination Agreement dated May 4, 1953, covering a project of exploration for copper, located in Mineral County, Montana, commonly known as the Amador Mine for the period of November 30, 1951, to August 11, 1953.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit disclosed the following facts in regard to the amount to be paid the contractor:

Total cost as billed by contractor		$32,101.51
Less salvage proceeds on property		6,953.57
Net cost claimed		$25,147.94
Exceptions (see audit report for details)		
Prior to this audit	$ -0-	
During this audit	342.40	342.40
Total accepted cost		$24,805.54

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Twelve Thousand Four Hundred Two and 77/100 Dollars

-- $12,402.77 --

is valid and proper.

This certificate is issued on the provision that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

C. A. Turner
Auditor

November 18, 1953

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NOV 23 1953

FINAL AUDIT REPORT

I INTRODUCTION

During the month of February 1953, a final audit (covering operations for the period of November 30, 1951, to August 11, 1953) was made of the records and accounts pertaining to Exploration Project Contract No. Idm-E215, Docket No. DMA-2013, dated November 30, 1951, including Amendments Nos. 1 and 2, and Termination Agreement dated September 3, 1952, with Amendment to Termination Agreement dated May 4, 1953, with the

AMADOR MINING COMPANY
P. O. Box 118
Missoula, Montana

covering a project for the exploration of copper, located in Mineral County, Montana, commonly known as the Amador Mine.

The original accounting records under this contract were maintained by the supervisory personnel but were at the time the audit was made in the custody of Marcy and Nelles, public accountants, Higgins Building, Missoula, Montana.

Mr. Merrill H. Christman, vice-president of the Amador Mining Company, and Mr. V. Nelles, public accountant, assisted whenever they could be of help during the audit.

Mr. E. D. Talbert, DMEA auditor, collaborated in this audit.

II GENERAL INFORMATION ON RECORDS

The accounting records of the corporation covering the exploration project contract consisted of a general ledger which had not been kept posted to date, a combination cash book and journal in which cash payments are recorded as paid and a capital stock record.

The subsidiary records available for audit consisted of payrolls, vendor's invoices, Federal and State of Montana quarterly payroll tax returns, monthly insurance reports, and cancelled bank checks.

III SCOPE OF AUDIT AND FINDINGS

The audit was limited to determining the accuracy, propriety, and validity of the costs shown in the "Totals to Date" column of Form MF-104, Operator's Monthly Report and Voucher, for the month of July-August 1952. Since a preliminary review of the records indicated a considerable amount of improper distribution of charges to the "Items of Cost" shown on the Form MF-104 as well as some charges of questionable propriety, a detailed audit and analysis of costs was made. The findings after correction of the cost distribution follow:

(1) Independent Contracts.

This item is not applicable to this contract.

(2) Labor and Supervision

The payroll records consisted of a standard semi-monthly payroll form which was supported by the mine foreman's daily time book in which was recorded the employee's name, classification of labor, rate of pay, and the hours worked each day. Other records available were the quarterly payroll tax returns, monthly payroll insurance reports, and cancelled payroll checks.

During the audit, all payroll computations were checked and actual payment was verified by the cancelled bank checks.

The audit disclosed that costs claimed under this item on the final July-August 1952 MF-104 properly chargeable and allowable under the terms of the contract to be:

Labor	
Stage I - Buildings	$ 54.60
Stage II - Operation	9,297.12
Total	$9,351.72

Exhibit "A" provides that the labor in Stage I will apply to the conversion of the present building to house the power plant, shower, and dry room. The labor shown $54.60 is claimed under item 6, New Buildings and Improvements.

The labor used in items 2 and 3 of Stage I is included in labor shown as Stage II. The records are deficient in that this labor cannot be identified.

The audit disclosed that shift rates paid the employees and claimed on the July-August 1952 MF-104 did not exceed the "Allowable Maximums" specified in the contract.

Supervision - Stage II	$2,096.78
Disallowed by audit	200.00
Accepted costs	$1,896.78

The audit disclosed that two supervisors were employed at rates not in excess of the "Allowable Maximums" specified in the contract. Analysis of the cancelled pay checks disclosed that one half the month of March 1952 salary was not paid to Melvin Forbet and Merrill Christman. The resulting amount claimed was disallowed since non-payment resulted in no expense to the contractor on the project.

Supervision	Melvin Forbet	Merrill Christman	Total
February 1952	$ 200.00	$ 200.00	$ 400.00
March 1952	200.00	200.00	400.00
April and May 1952	100.00	100.00	200.00
June 1952	200.00	200.00	400.00
July 1952	200.00	200.00	400.00
August 1952	148.39	148.39	296.78
Total claimed	$1,048.39	$1,048.39	$2,096.78
Disallowance			
March payroll	100.00	100.00	200.00
Accepted costs	$ 948.39	$ 948.39	$1,896.78

(3) Operating Materials and Supplies

The costs chargeable to this category were determined by a detailed audit and analysis of the vendor's invoices and the cancelled checks. The following listing summarizes the findings:

	Stage I	Stage II	Total
Timber	$ 349.24	$ 174.00	$ 523.24
Explosives	--	12.00	12.00
Fuel & Lubricants	--	2,141.43	2,141.43
Tires	--	86.27	86.27
Small Tools & Supplies	--	36.93	36.93
Building Materials (Item 6 Building Improvements)	175.86	--	175.86
Miscellaneous	--	353.44	353.44
Accepted Costs	$ 525.10	$2,804.07	$3,329.17

The contractor had included as supply items the following:

Aluminum pipe	$644.85
Flexipipe	94.80
	$739.65

These items are properly chargeable and allowable as equipment purchases and are discussed under item 4 of this report.

(4) Operating Equipment

Equipment Rental

All charges claimed by the contractor for equipment rental were covered by invoices from the equipment rental firms.

An audit and analysis of the invoices and cancelled checks disclosed that the rates of rent and period rented and the "allowable maximum" of $10.00 per hour and total of $120.00 for bulldozer rental did not exceed the terms of the contract.

Equipment Rental - Stage II - was found to be:

Bulldozer - 12 hours @ $10/hr.	$120.00
Electric Hoist - 3 mos. @ $225/mo.	675.00
Air Hoist - 2 mos. @ $40/mo	80.00
Accepted Costs	$875.00

Equipment Purchased and charged to this project, the salvage proceeds, and the net cost to the project were disclosed by this audit to be as follows:

Unit	Description	Cost	Salvage Proceeds: Sales to Outsiders	Salvage Proceeds: Sales to Amador Mine	Net Project Cost
1	Diesel Engine 671 GM	$ 4,000.00	$ 2,000.00	$ -0-	$ 2,000.00
1	Generator 200 KV	3,500.00)	-0-	1,750.00	1,984.90
	Generator Equipment	234.90)	-0-	-0-	-0-
900'	Hoisting Cable 3/4-inch 6 by 19	285.30	-0-	150.00	135.30
1	Copus Blower TM-8	593.55	384.00	-0-	209.55
1	Sheave V Drive 12-inch	85.80	-0-	50.00	35.80
2	" " " 24-inch	297.90	-0-	175.00	122.90
12	V Belts CL 58	157.92	-0-	90.00	67.92
5	Magnetic Starters	239.50	-0-	140.00	99.50
1	Transformer 5 KVA Type H	96.63	48.00	-0-	48.63
190'	Cable No. 1 3 Cond. 600V	237.50	-0-	140.00	97.50
2	Pumps Centrifugal 2-inch 20 HP	800.00*	-0-	224.70	575.30
1	Pump " " 25 HP	875.51	505.45	-0-	370.06
14	Flexipipe 50 ft. Lengths 16-inch	840.00	451.20	-0-	388.80
14	" 16-inch Collars	38.50**	-0-	-0-	38.50
2	" 16-inch Tees	46.10	29.50	-0-	16.60
2	" 16-inch Elbows	31.90	20.42	-0-	11.48
3	" 16-inch to 12-inch Reducers	70.35	45.02	-0-	25.33
2	" 50 ft. Lengths 12-inch	94.80	72.20	-0-	22.60
1	Fused Disconnect 60 A 600V	16.00	-0-	10.00	6.00
2	" " 200 A 600V	94.00	-0-	50.00	44.00
1200'	Covered Wire No. 8 and No. 12	782.73**	311.08	-0-	471.65
740'	Aluminum Pipe 6-inch	644.85	307.00	-0-	337.85
1	Snow Plow Blade	271.30**	-0-	-0-	271.30
	Totals	$14,335.04	$ 4,173.87	$ 2,779.70	$ 7,381.47

*The contractor purchased two Centrifugal pumps 2", 20 HP, $1,246.00. The cost allowed by the contract was $800.00 and the contractor paid the balance of the purchase price $446.00. The resulting equities in the salvage

Contractor	$\frac{846.00}{1,246.00}$	or 67.9%
Project	$\frac{400.00}{1,246.00}$	or 32.1%

32.1% of $700.00 or $224.70 was credited to salvage proceeds.

**The following equipment was scrapped because it was too badly worn to have any salvage value:

1	Snow Plow Blade	$271.30
14	Flexipipe Collars	38.50
900	Covered Wire #8	585.00
	Total	$894.80

The contractor made an offer to buy the remaining equipment by letter July 10, 1953, for $3,255.00 which was accepted by the Field Team, Region II, by letter August 11, 1953. The Field Team's acceptance letter also authorized the above equipment to be scrapped.

Equipment Depreciation does not apply to the project.

(5) Initial Rehabilitation and Repairs

This item is not applicable to this contract. The contractor, however, has claimed $785.10 on the July-August 1952 Form MF-104. The audit and analysis of invoices and cancelled checks disclosed that these costs covered the underground work of rehabilitating the shaft and installation of machinery in preparation for dewatering the shaft as specified in Exhibit "A", Stage I, items 2 and 3. The items were properly chargeable and allowable as supply items in Stage I.

The labor involved in this item is included in labor charged to Stage II. A separate determination of the labor involved in Stage I, items 2 and 3, (repairs and installations) and Stage II (dewatering) cannot be made from the existing payroll records.

(6) New Buildings and Improvements

The costs chargeable to this category were determined by a detailed audit and analysis of the payrolls, vendor's invoices, and the cancelled checks. The following summarizes the audit findings:

Labor	$ 54.60
Building Materials	175.80
Payroll Taxes	2.29
Industrial Insurance	3.06
Accepted Costs Stage I - Buildings & Improvements	$235.75

(7) Miscellaneous

Repairs to Equipment

The costs chargeable to this category were determined by a detailed audit and analysis of the vendor's invoices and cancelled checks. The following summary lists the audit findings:

	Stage I	Stage II	Total
Air Compressor	$ -0-	$ 21.80	$ 21.80
Dump Truck	-0-	26.34	26.34
Motor	-0-	181.77	181.77
Diesel Hoist	87.65	-0-	87.65
Miscellaneous Parts	328.46	63.29	391.75
Electrical Parts	49.75	-0-	49.75
Accepted Costs	$465.86	$293.20	$759.06

Payroll Taxes applicable to this project were determined to be:

Federal Insurance Contributions Act	1.5%
Montana Unemployment Insurance	2.7%
Federal Unemployment Insurance	-0-
Total Payroll Taxes	4.2%

Taxes under the Federal Unemployment Insurance is not applicable as contractor had less than 8 employees.

A detailed audit of the accounts, cancelled checks, and Federal and Montana Quarterly Tax Returns disclosed the payroll taxes to be:

	Stage I	Stage II	Total
Labor	$54.60	$9,297.12	$9,351.72
Supervision	-0-	1,896.78	1,896.78
Total	$54.60	$11,193.90	$11,248.50
	@ 4.2%	@ 4.2%	@ 4.2%
Accepted Costs	$ 2.29	$ 470.14	$ 472.43

Payroll Taxes Claimed		
Stage I	$ 2.29	
Stage II	476.32	$478.61
Applicable to Stage I, Item 6		2.29
		$476.32
Applicable to Stage II		470.14
Disallowed by Audit		$ 6.18

Liability Insurance claimed by the contractor on the July-August 1952 MF-104 was $49.72. The audit disclosed this item to be public liability and property damage insurance on automobiles. This being an overhead item not specified in the contract was disallowed by the audit.

Industrial Insurance applicable to this project was determined to be:

State of Montana Insurance Rates are:

Miners Surface Prior to July 1, 1952	5.6%
Cooks Prior to July 1, 1952	1.4%
Miners Surface Subsequent to July 1, 1952	8.0%
Cooks Subsequent to July 1, 1952	1.4%

	Industrial Insurance		
	Stage I	Stage II	Total
Labor Prior to July 1, 1952			
$ 54.60 @ 5.6%	$ 3.06	$ --	$ 3.06
5,710.28 @ 5.6%	--	319.78	319.78
100.00 @ 1.4%	--	1.40	1.40
Labor Subsequent to July 1, 1952			
$5,156.95 @ 8.0%	--	412.56	412.56
226.67 @ 1.4%	--	3.17	3.17
$11,248.50	$ 3.06	$736.91	$739.97
Applicable to Item 6 New Buildings & Improvements	3.06	--	3.06
Applicable to Stage II		$736.91	$736.91
Claimed by Contractor			767.26
Disallowed by Audit			$ 30.35

Truck License and Taxes claimed on the July-August 1952 MF-104 $56.15 is an overhead item and not a direct cost to the project. It is disallowed by the audit.

IV CONCLUSIONS

The audit disclosed that all costs charged to this project, with the exception of the disallowances itemized under items (2) Labor & Supervision and (7) Miscellaneous of the preceding sections of this report, are reasonable and proper under the terms of the contract.

The adjustments between "Items of Cost" as shown on the July-August 1952 Form MF-104, the disallowances, the accepted costs of Stage I and Stage II and salvage proceeds from sale of equipment are summarized as follows:

	TOTALS July-August 1952 MF-104	CORRECTED Distribution	DISALLOWED By Audit	ACCEPTED COSTS Phase I	Phase II	Total
(2) Labor & Supervision						
Labor	$ 9,297.12	$ 9,297.12	$ --	$ --	$ 9,297.12	$ 9,297.12
Supervision	2,096.78	2,096.78	200.00	--	1,896.78	1,896.78
(3) Operating Materials & Supplies						
Timber	174.00	523.24	--	349.24	174.00	523.24
Explosives	12.00	12.00	--	--	12.00	12.00
Pipe	644.85	-0-	--	--	-0-	-0-
Fuel and Lubricants	2,367.19	2,141.43	--	--	2,141.43	2,141.43
Tires	-0-	86.27	--	--	86.27	86.27
Small Tools & Supplies	-0-	36.93	--	--	36.93	36.93
Miscellaneous	373.39	353.44	--	--	353.44	353.44
(4) Operating Equipment						
Rental	875.00	875.00	--	--	875.00	875.00
Purchased	13,595.39	14,335.04	--	--	14,335.04	14,335.04
Depreciation	-0-	-0-	--	--	-0-	-0-
(5) Initial Repairs & Rehabilitation	785.10	-0-	--	--	-0-	-0-
(6) New Buildings	230.46	235.75	--	235.75	-0-	235.75
(7) Miscellaneous						
Repairs Equipment	293.20	759.06	--	465.86	293.20	759.06
Payroll Taxes	480.84	476.32	6.18	--	470.14	470.14
Liability Insurance	49.72	49.72	49.72	--	-0-	-0-
Industrial Insurance	770.32	767.26	30.35	--	736.91	736.91
Truck License	56.15	56.15	56.15	--	-0-	-0-
	$32,101.51	$32,101.51	$342.40	$1,050.85	$30,708.26	$31,759.11
Salvage Proceeds from Equipment	6,953.57	6,953.57	--	--	6,953.57	6,953.57
Adjusted Totals	$25,147.94	$25,147.94	$342.40	$1,050.85	$23,754.69	$24,805.54

The "allowable maximums" under this contract were rates of wages which were discussed under item (2) of Section III of this report and rate per hour and total bulldozer rent to be paid discussed under item (4) of Section III of this report.

The findings of this audit were discussed with Mr. Merrill H. Christman, vice-president at the time the audit was made (February 1953), and Mr. A. E. Weissenborn, executive officer, DMEA Field Team, Region II.

C. A. Turner
Auditor

November 18, 1953

Government's Copy

EXPLORATION PROJECT CONTRACT
AMADOR MINING COMPANY
DOCKET NO. DMEA-2013

AMENDMENT TO TERMINATION AGREEMENT

It is agreed this 4th day of May, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government", and the Amador Mining Company, Inc., Missoula, Montana, hereinafter called the Operator, parties to Exploration Project Contract Idm-E215, Docket No. DMEA-2013, dated November 30, 1951, as follows:

WHEREAS, the said contract was terminated by an agreement dated September 3, 1952; and

WHEREAS, the said termination agreement was entered into with the understanding that the salary of a foreman at $450.00 a month for 7 months from 2/1/52 to 8/31/52 was an allowable cost of the project, but failed to make suitable provision for the payment of this sum;

NOW THEREFORE, the aforesaid termination agreement is hereby modified by inserting after the second paragraph thereof the following: "However, the salary of one foreman at $450.00 a month for 7 months from 2/1/52 to 8/31/52 amounting in all to $ 2,197.50 is an allowable cost of the project to which the Government will contribute."

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By A E Wesenberg
Executive Officer, DMEA
Field Team, Region II

AMADOR MINING COMPANY, INC.

By James W. Shelton
Pres.

DMEA (3)

GOVERNMENT COPY

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

It is agreed this 3rd day of September, 1952, between the United States of America, acting through the Depatment of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and the Amador Mining Company, Inc.
Box 118
Missoula, Montana
, hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 215, Docket No. DMEA- ~~2123~~ 2013, dated November 30, 1951, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

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

UNITED STATES OF AMERICA
By Glenn C. Reed, Acting Exec. Officer
DMEA Field Team, Region II

AMADOR MINING COMPANY, INC.
(Operator)
By Merrill H. Christman VP

18262-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

So. 157 Howard Street
Spokane 4, Washington

September 25, 1952

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

Re: Docket DMEA-2123 - Copper
Amador Mining Company, Inc.
Mineral County, Montana
Contract Idm-3219

Dear Mr. Johnson:

Enclosed are the original and two signed forms (18202-1) terminating the above contract.

After unwatering the shaft, Mr. Reno, U. S. Bureau of Mines, Mr. Wallace, U. S. Geological Survey, and Mr. Irving J. Irving, geologist representing the operator, made a thorough inspection of the entire mine including the 700 level. It was the opinion of all concerned that no further exploration work could be justified and that the contract should be terminated. After reviewing the information, including the applicant's samples, the Field Team concurred with this opinion.

A copy of this letter and of the termination agreement are being transmitted to our Regional Fiscal Officer and by means of a carbon copy of this letter, Mr. Hull has been advised so that a final audit can be made.

Sincerely yours,

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

cc: USBM
R. Hull
Reg. Fiscal Officer

DOCKET NO. DMEA 2013
(copper)

AMENDMENT NO. 2 GOVERNMENT'S COPY

It is agreed this 27th day of February 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and Amador Mining Co., P. O. Box 118, Missoula, Montana

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 215 of November 30, 1951 between the parties hereto be modified and amended as described in Exhibit "F" attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be November 30 1951.

This amendment is made by authority granted the Executive Officer, DMEA Field Team, Region II, in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "Allowable Maximum."

Executed in sextuplicate the day and year first above written.

AMADOR MINING COMPANY
(Operator)

By Merrill A. Christian

THE UNITED STATES OF AMERICA

By Thor H. Kilsgaard
For: A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 16 1953

AMADOR MINING COMPANY
Contract Idm-E215
Docket No. DMEA 2013 (copper)

Amendment No. 2

Exhibit "F"

Changes and modifications

In Exhibit "A" of the contract, page 6, under Labor and Supervision, paragraph 2, add the following:

1 foreman @ $450.00/mo.

AMADOR MINING COMPANY
Contract Idm-E215
Docket No. DMEA 2013 (copper)

Justification of Amendment No. 2

This amendment was prepared to make allowable wages paid a foreman during the life of the project. It was intended that this classification should be included in Amendment No. 1, but it was inadvertently omitted.

The foreman was necessary for the efficient conduct of the job. The two supervisors specified in the original contract were directors of company who were not technically qualified to directly supervise the operation. They were carried on the payroll as supervisors and worked on the project as lead-miners and lead-laborers at $200 per month. Their wages in this classification amounted to less than if they had been carried on the payroll as miners and laborers.

T. E. Howard

Wenk
Contracts & Audit
Dmea 2010

AMENDMENT NO. 1

It is agreed this 25th day of February 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and The Amador Mining Company, P. O. Box 116, Missoula, Montana.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Ion-215 of November 30 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be November 30 1951.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior, is considered to be in the interest of the government.

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

Executed in sextuplicate the day and year first above written.

Amador Mining Co.
(Operator)

By Merrill A. Christman

The United States of America

By M. E. Volin

M. E. Volin, Acting Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Contracts

MAR 24 1952

ANACONDA MINING CO.

Exploration Project Contract
Idm-E215

AMENDMENT NO. 1

Exhibit "A"

Changes and Modifications

In Exhibit "A" of the contract under Operating Equipment, add:

Equipment to be rented

One bulldozer for clearing snow from the road may be rented at a cost not to exceed $10 an hour, or a total rent not to exceed $[illegible]. This amount is to include service of an operator and all costs incidental to the operation of the machine.

In Exhibit "A" of the contract under Labor and Supervision, delete:

Paragraph 1, titled: "The maximum following labor will be employed at the rates shown".

In Exhibit "A" of the contract under Labor and Supervision, add:

The following labor may be employed,

1 cook $300 per month.

A maximum of 14 men excluding supervisors and cook but including miners, muckers, timbermen, roistmen, and laborers. Wages may be paid at day rates or unit contract rates, but shall not exceed the rate paid for like work in the Butte mining district.

MF-200
(June 1951)

Docket No. DMA 2013
Commodity Copper
Idm-E215

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contracts & Audit Copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 - 1952

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 30th 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] The Amador Mining Company, a corporation organized and existing under the laws of the State of Montana, P.O. Box 118, Missoula, 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 Mineral described as follows:[3] The Amador Mine, comprised of the following patented claims: Eureka (6881), Ethel (6882), Amador (6883), Forty Nine (6884), Buckhorn (6885), and the Iron Cap (6886), and the Eclipse unpatented claim, is in the Cedar Mining District, Lolo National Forest, Sections 34 and 35, T. 15 N., R. 26 W., 12 miles southwest of Superior, Montana (see attached map). The property is also described as being in approximate section 28, T. 16 N., R. 27 W. on Cedar Creek.
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:

There are 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 ninety (90) 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] eight (8) 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.

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[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.

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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 Amador Mining Company
(Operator)

By Ingrill H. Christman
Vice Pres.

THE UNITED STATES OF AMERICA

By O. Meadors
Acting Administrator
Defense Minerals Exploration Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64062-2

The Amador Mining Company

Exploration Project Contract

The Amador Mine

Exhibit "A"

Exploration Project

Time Schedule-Month	Stage I*
1st and 2nd	1. Convert one half of a present building into a unit for housing the power plant and the other half into a shower room and dry.
	2. Rehabilitate the adit portal, the underground hoist room, the headframe and the collar set of the shaft. Only that rehabilitation is to be done that is necessary for the completion of the exploration program in a safe and workmanlike manner. The amount of rehabilitation shall be mutually agreeable to the Operator and the Government (Field Team).
	3. Install the hoist, sheave wheel, cable, cage, pump, generator set, electric cable, etc., in preparation for dewatering the shaft.
	Stage II*
	1. Dewater the shaft to just below the fourth level, repairing and replacing the shaft guides and pipe as the water is lowered. Also, install the pumps on the 200 and 400 foot levels, the blower and the ventube.
	Stage III*
3rd	1.(a) Rehabilitate the West drift on the 400 foot level to the extent necessary to initiate and complete the proposed exploration in a safe and workmanlike manner.
	(b) Rehabilitate the East drift on the 400 foot level only to the extent necessary to make an examination, in a safe manner, of the drift and the stoped area at the level.
	(c) Map and study geologically the vein and its relationship to both a large siderite vein exhibiting copper mineralization at the surface and an iron-copper vein

Stage III (continued)

that crops out to the north. Sample where warrented.

4th to 6th

Stage IV*

The work of Stage IV is to be undertaken in the order suggested by the results of Stage III only after completion of Stage III, or any part thereof, to the satisfaction of and approval by the Government.

1. Drive 250 feet of crosscut northerly and drift 250 feet westerly to explore the siderite and the iron-copper veins and the Amador vein respectively as shown on the attached map, Plate I. The exact location and direction of the crosscut will be determined by the operator upon the basis of results of Stage III, subject to approval by the Government. Sample where warranted.

2(a) Rehabilitate the hanging wall crosscut on the 400 foot level and prepare a diamond drill station.

(b) Drill by contract two EX diamond drill holes to explore at depth the possible downward continuation of the ore shoot exposed between the 200 and 400 foot levels east as suggested on the attached map. The exact location of the station and direction, attitude, and length of the two drill holes, which are not to aggregate more than 1,300 feet, will be determined by the Operator upon the basis of results of Stage III, subject to approval by the Government.

3(a) Dewater the shaft from the 400 to the 700 foot level, rehabilitating the guides and replacing the pipe as the water is lowered. Install a pump on the 700 foot level and extend Ventube.

(b) Rehabilitate the level for geologic examination and, if favorable and necessary, prepare to crosscut southerly and drift easterly to intersect the downward projection of the ore body exposed between the 200 and 400 foot levels.

4. Drive a maximum of 500 feet of crosscut and drift on the 700 foot level, approximately as shown on the attached map, Plate 1, to explore the possible downward continuation of the ore zone to the east. The exact amount of crosscutting and drifting will depend on the amount of level work formerly done which is now unknown.

Stage IV (Continued)

* 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:

Stage I

1.	Convert building, labor and materials	$ 500.00
2.	Rehabilitate adit portal, underground hoist room, headframe of shaft, collar sets, labor and materials	570.00
3.	Install hoist, sheave wheel, cables, cage, pump, generator set, etc., labor (additional costs appear elsewhere)	765.00
		$ 1,835.00

Stage II and IV-3 (a)

1.	Dewater the shaft, replace guides and pipe, install pumps and ventilation, labor and cost of guides (additional costs appear elsewhere)	$ 4,273.00
	Sub-total	$ 4,273.00

Stage III and IV-3(b)

1.	Rehabilitate Fourth level, map mine, rehabilitate Seventh level, install track and pipe, etc. Labor for track and pipe (additional costs appear elsewhere)	$ 1,500.00
	Subtotal	$ 1,500.00

Stage IV

1.	Drive 1,000 feet of drift and crosscut on the 400 and 700 foot levels. The drifts and crosscuts are to be of sufficient size for mucking machine operation but are not to exceed 6' X 7½' in the clear. 1,000 feet at $15.85 for labor, supervision and powder, caps and fuse (additional costs appear elsewhere)	$ 15,850.00
2.	Drill 1,300 feet of EX diamond drill hole @ $3.50/ft	$ 4,550.00
	Sub-total	$ 20,400.00

Summary of Estimated Costs

Stage I (Costs are segregated in items below)	- - - - - -
Stage II (Costs are segregated in items below)	- - - - - -
Stage III (Costs are segregated in items below)	- - - - - -
Stage IV, diamond drilling (balance of costs are segregated in items below)	$ 4,550.00

Summary of Estimated Costs (continued)

Fixtures and improvements (installation included under Labor and Supervision)	$ 5,175.00
Operating Equipment	36,343.60
Labor and Supervision	25,572.80
Rehabilitation and repairs (balance of cost is segregated in items above)	548.60
Total	$ 72,190.00
Government participation 50 percent of the above	36,095.00

Fixtures and Improvements

1. To be purchased

700' - 4" pump column	@ $1.00 per foot	$ 700.00
100' - 4" pipe for air line	@ $1.00 per foot	100.00
2,000' - 3" pipe for air line	@ $0.65 per foot	1,300.00
1,500' - 2" pipe for air line	@ $0.40 per foot	600.00
1,500' - 1½" pipe for water line	@ $0.30 per foot	450.00
4,480' - 16# used rail, 12 tons	@ $100. per ton	1,200.00
Track spikes and rail bolts		225.00
500 - Track ties, 4" x 6" x 30", 2,500 bd. ft.	@ $100. per M.	250.00
Shaft guides, lag screws, etc. 2,800 bd. ft.		350.00
	Sub-total	$ 5,175.00

2. Cost of installation to present faces.
(included in Labor and Supervision)

Installation of hoist, and cable	$ 165.00
Installation of track and ties	1,000.00
Installation of ventilating equipment	225.00
Installation of air and water lines	500.00
Installation of power cable	100.00
	$ 1,990.00

Operating Equipment

Equipment to be rented.

1 - 50 H.P. single drum hoist @ $300/mo., 6 months		$ 1,800.00
1 - 600 cfm Diesel-driven compressor @ $800/mo., 4 mo.		3,200.00
8 - 16 cu. ft., 18" guage ore cars @ $100/mo., 4 mo.		400.00
1 - Eimco mucking machine @ $300/mo.,	4 months	1,200.00
2 - 3" drifters @ $150/month	4 months	600.00
2 - 31/8 Stopers* @ $130/month	4 months	520.00
2 - Airhoists* @ $80/month	4 months	220.00
		$ 8,040.00

* Rental of these items is subject to Government approval (Field Team)

Equipment to be purchased

900' - Cable and clamps, new @ $0.223 per foot	$ 200.00
300' - No. 00-600 V-3 Conductor cable @ $1.50/ft	450.00
700' - No. 0-600 V-3 " " @ $1.50/ft	1,050.00
1 - 200 KW-G.M. Diesel electric plant 440V*	9,000.00
Switches, etc., for the mine	300.00
2 - TLN(TLH) 20 H.P., 200' TDH @ $400.00 Each	800.00
1 - TLH 30 H.P., 300' TDH	900.00
1 - 50 foot length of 3" hose @ $2.00 per foot	100.00
Salier fittings, etc.,	200.00
14 - 50 foot lengths of 18" Ventube @ $76.00 each	1,064.00
24 - 50 foot lenths of 12" Ventube @ $49.15 each	1,179.60
1 - TM blower, 8 Coppus	565.00
2 - 3" Columas and arms @ $100.00 each	200.00
5 - 50 foot lengths of 1" air hose @ $40.00 each	200.00
5 - 50 foot lengths of ½" water hose @ $25.00 each	125.00
1 - Snow blade for 1945 dump truck installed	1,200.00
Sub- total	$ 17,533.60

* Subject to Government approval. The generator set is not to exceed the capacity needed to complete the exploration program in an efficient manner. However, a mechanically, satisfactory larger set may be purchased if its cost is less than that of a newer, smaller set which meets the requirements of the project.

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

Not applicable

Supplies to be purchased

Drill steel and bits	$ 1,000.00
Fuel and lubricants @ $720.00/mo., 6 months	4,320.00
Assays	700.00
Powder, caps, fuse	3,200.00
Small tools, picks, shovels, hammers, etc.	500.00
Mine Timber, 15,000 bd. ft. @ $70.00/M	1,050.00
Sub-total	$ 10,770.00
Total	$ 36,343.60

Labor and Supervision

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

Stages I and II (to 3 shifts daily)

1 - Cook	@ $300.00/mo X 2 months	$ 600.00
3 - Hoistmen	@ $15.20/day X 88 Man shifts	1,337.60
2 - Miners, timbermen	@ $15.00/day X 100 Man shifts	1,500.00
9 - Laborers	@ $13.00/day X 252 Man Shifts	3,276.00
	Sub-total	$ 6,713.60

Stage III (24 days per month)

1 - Cook	@ $300.00/mo.	$ 300.00
1 - Hoistman	@ $15.20/day	364.80
4 - Miners	@ $15.20/day	1,459.20
2 - Muckers	@ $13.00/day	624.00
1 - Laborer	@ $13.00/day	312.00
		$3,060.00

Stage IV (24 days per month, 2 shifts daily)

1 - Cook	@ $300.00/mo.	3 months	$ 900.00
2 - Hoistmen	@ $15.20/day	"	2,188.80
6 - Miners	@ $15.20/day	"	6,566.40
3 - Muckers	@ $13.00/day	"	2,808.00
1 - Laborer	@ $13.00/day	"	936.00
		Sub-total	$ 13,399.20

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

2 - Supervisors[x]	@ $200.00/mo.	6 months	$ 2,400.00
		Sub-total	2,400.00
		Total Labor and Supervision	$25,572.80

[x] The supervisors will direct the operation and be responsible for the cutting of representative samples and their subsequent handling. In addition, they will keep the accounts and aid in the re-mapping of the underground workings.

Rehabilitation and Repairs

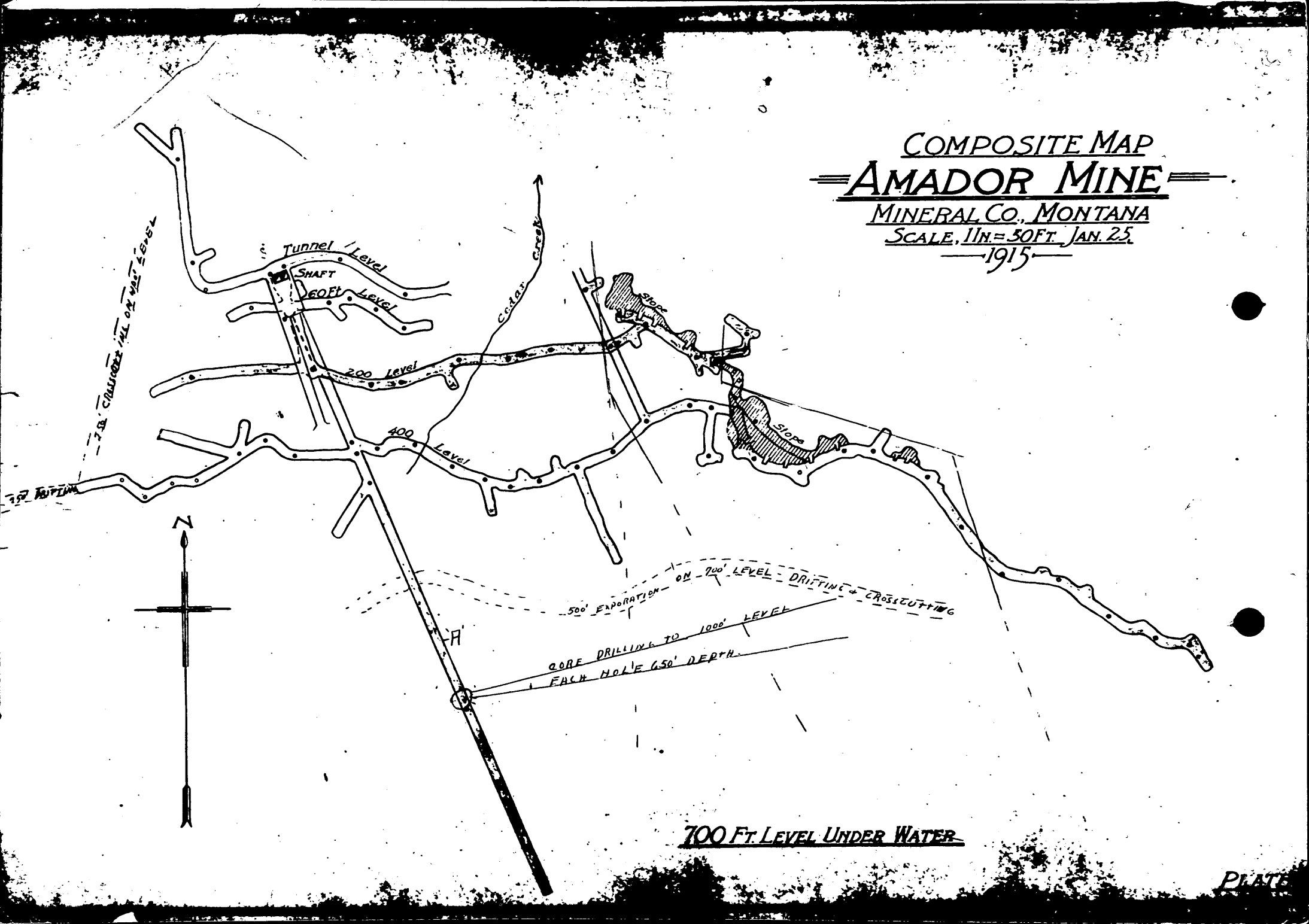
Stage I

1. Convert building, materials		$ 228.60
2. Rehabilitate adit portal, head frame, and collar sets, material		320.00
	Sub-total	548.60

Stages II, III and IV

Costs are segregated in items above.

No additional buildings, installations, fixtures, equipment or improvements to be purchased, rented, repaired or rehabilitated, except as listed above, are to be allowed as costs under this contract. In case a dual operation, i.e. preparation for mining and/or mining in conjunction with the exploration, is carried on after unwatering the mine, all costs including labor and supervision are to be pro-rated equitably between the exploration and the additional phases of the operation.


COMPOSITE MAP
AMADOR MINE
MINERAL CO., MONTANA
SCALE, 1 IN. = 50 FT. JAN. 25.
1915
Tunnel Level
SHAFT
160 Ft Level
200 Level
400 Level
Cedar Creek
Stope
Stope
'A'
N
500' EXPORATION ON 700' LEVEL DRIFTING & CROSSCUTTING
CORE DRILLING TO 1000' LEVEL
EACH HOLE 650' DEPTH.
700 FT. LEVEL UNDER WATER

PLATE

MF-200
(June 1951)

Docket No. DMA 2013
Commodity Copper
Idm E-215

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Revised Copy made

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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 $36,095.00, which is 50 percent of the agreed estimated total cost of this project, $72,190.00.

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.

THE UNITED STATES OF AMERICA

The Amador Mining Company
(Operator)

By _____
Acting Director, Production Expansion Division, Defense Minerals Administration

By _____
James Charlton

By _____
Merrill H. Christman

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

Application for Exploration Aid
Amador Mining Company
DMA-2045

Exhibit A

1. Exploration Project

The Applicant proposes to:

a. Rehabilitate portals leading into lift room and replace hoisting equipment and cable

b. Set up pumps and pump out mine replacing guide timbers and pipes as water is lowered

c. Make preliminary geological survey of veins and survey map of ore reserves

d./ Diamond drill two 650' holes for a total of 1300 feet from the drift in the hanging wall on 400 foot level to intersect ore veins at 1000' depth

e. Drive 1000 ft. of exploratory drifts

f. Repair existing timbers

Estimated time of project is six months

Summary of costs

Drifting and crosscutting 1000 ft. @ $30.00	$30,000.00
Diamond Drilling 1300 ft. @ $3.50	4,550.00
Rehabilitation and repairs	5,620.00
Fixtures and improvements	3,190.00
Rental and equipment	8,040.00
Purchase of equipment	27,584.20
Supervision and sampling	3,100.00
	$82,084.20

2. Fixtures and Improvements

Installation of ventilation equipment	$ 225.00
Installation of ties and track	1,000.00
Installation of air lines	500.00
Installation of hoist and cable	165.00
Installation of 300' No. 00-600V, 3 conductor cable	100.00
Installation of snow blade on 1945 Ford dump truck owned by Amador Mining Company	1,200.00
	$ 3,190.00

Operating Equipment

a. To be rented

1 - 50 hp single drum hoist - $3,000.00 @ $300.00 per mo. for six months	$ 1,800.00
600 cfm compressor - $8000 @ $800/mo. for four months	3,200.00
8 - 18" Ga 16 cu. ft. ore cars - $1,000.00 @ $100/mo. for four months	400.00
2 - 3 1/8" stopes - $850 @ $130/mo. for four months	520.00
1 Emico Muking Machine (used) $24.00 @ $300/mo. for four months	1,200.00
2 Air hoists - $700.00 @ $80/mo. for four months	320.00
2 - 3" Drifters - $900.00 @ $150/mo. for four months	600.00
	$ 8,040.00

b. To be purchased

Cable, clamps, etc. and 900' 1 5/8" hoisting rope (new) @ .22¢/ft.	$ 200.00
1 - 200 KW - G.M. Diesel Electric Plant 440V.	9,000.00
300 ft. No. 00-600V - 3 conductor cable	450.00
700 ft. No. 00-600V - 3 conductor cable	1,050.00
Switches, etc. est. for mine	300.00
2 - 2 TLH - 20 HP pump @ 200' TDH cost per pump $400	800.00
1 - 2 THL - 30 HP @ 300' TDH	900.00
700' 4" pump column @ $1.00/ft.	700.00
50' length 3" hose	100.00
Salier fittings, etc. est. cost	200.00
700' 18" Ventube - 50' lengths @ $76.00 (new)	1,064.60
1200' - 12" Ventube - 50' lengths	1,179.60
T.M. Blower & Cappus (new)	565.00
3700' 3" air line@ 65¢/ft.	2,405.00
500' 2" air line @ 40¢/ft.	200.00
100' 4" air line @ $1.00/ft.	100.00

To be purchased (Continued)

Cost of 2-3' columns and arms $100 each	$ 200.00
5 lengths 1" hose @ $40/length	200.00
5 lengths 1/2" water hose @ $25/length	125.00
Drill Steel and Bits	1,000.00
1500' -1½" pipe for water line @ 30¢/ft.	450.00
180' -16 # track/ton -12 tons of 16 # rail used	1,200.00
500 - 4 - 30" ties - 2500 Bd. ft.	350.00
Spikes and Bolts	225.00
Diesel fuel, gas, oil & lubricants - $720/mo.	4,320.00
Miscellaneous	300.00
	$27,504.20

c. Equipment furnished by operator

None

3. Labor and Supervision

a. Labor

4 miners (timber crew) @ $15.00		$5,127.60
4 miners @ $15.20		6,586.80
1 cook		1,800.00
2 hoist men @ $15.20		3,283.20
3 laborers		4,524.00
2 muckers @ $13.00		2,496.00
16		$23,817.60

b. Supervision

2 men - $200/mo. for six months	$ 2,400.00
Sampling	700.00
	$ 3,100.00

Contract work	
Drifting and crosscutting - 1000 ft. @	$30,000.00
Diamond Drilling - 1300' @ $3.50	$ 4,550.00

4. Rehabilitation and Repairs

Conversion of ½ present building into housing units for G. M. Diesel Electric	$ 250.00
Conversion of additional ½ of building into shower room and dryer	250.00
Repair to portal and lift rooms	2,420.00
Pumping of shaft and installation of new guide timber	2,700.00
	$ 5,620.00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 2013

Date received 8-27-51

Participation

Amador Mining Company
Office: 1712 Howell Street
Missoula, Montana

Name and address of applicant

Date August 22, 1951

FILL IN THIS BLOCK

Date of application August 22, 1951

Estimated cost 81,389.20

Mineral or metal Copper

Percentage of Government participation 50 per cent

Location of mine Cedar Mining District, Superior, Montana

Date of filing MF-100 January 8, 1951

DMA Docket Number, if available ~~341~~ 2013

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.

Most of the following questions answered on MF-100 filed January 8, 1951, DMA 341

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

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 27 1951

*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.

(*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.

*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.

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

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

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

(*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.

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.

Amador Mining Company
(Name of company)

By James F. Charlton
(Signature of authorized official)

August 22, 1951
(Date)

Senior Partner
(Title)

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

*Same as footnote on page 1.

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

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

August 22, 1951

PROPOSED COST OF EXPLORATION PROJECT FOR THE AMADOR MINING COMPANY AT SUPERIOR, MONTANA****Docket Number DMA 341.

This program is set up so as to be completed in a maximum of six months or 180 days from the starting period. The following costs for each of the six periods broken down into months are listed below. These costs include purchase of mining equipment that is not available for rental from existing mining machinery companies. Some equipment listed here for purchase might possibly be found elsewhere that could be rented at a later date. All equipment listed here is available at the Miller Machinery Company at Missoula, Montana. All monies expended for rental costs will apply 90% toward the purchase price of that piece of equipment. It is to be noted that the Amador Mine has an inferred 21,000 tons of copper ore at present, and we propose 1000 feet of exploration drifting to prove our reserves and develop additional ore bodies. The cost is set at $30.00 per foot which is average in the Cour D'Alene District. However, we believe this cost may be cut as the structures at the Amador Mine will not require much in the way of supports of timbers in the exploration drifts. Two of the surface tunnels are not timbered and yet no cave-in is noted in any of these tunnels after standing forty to fifty years.

We also propose the diamond drilling from the drift into the hanging wall on the 400' level to intersect the vein at a 1000' depth. This would prove the reserves at a greater depth than heretofore known. A diamond drilling company has a crew available to put in at the mine as soon as conditions permit. They are:

Diamond Drill Contracting Co.
S. 18 Stone
Spokane 15, Washington

The cost of diamond drilling is $3.50 per foot and we propose to core drill two holes to a depth of 650 feet each or a total of 1300 feet of core drilling. This drilling alone should develop a great body of additional copper ore to add to the existing reserves at the Amador Mine.

The total cost of this entire exploration project is $81,389.20. The Amador Mining Company proposes to match government funds on a 50-50 basis. This would make the total cost to the Defense Minerals Administration come to $40,694.60. Only two thousand, four hundred dollars is included in the loan for supervision, as the Amador Mining Company proposes to stand most of this cost alone.

With the 21,000 tons of copper ore as indicated by the maps made by Paul Billingsley, 1915 and with the proposed exploration and diamond drilling program, the Amador Mine has an excellent chance of becoming one of Montana's big copper producers.

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

TIME SCHEDULE

FIRST MONTH: REHABILITATION OF PORTALS LEADING INTO LIFT ROOM

Repair of existing portals and lift room. Placement of hoisting equipment and cable.

SECOND MONTH: COMMENCEMENT OF PUMPING OPERATIONS

1. Placement of 350 G.P.M. sinking pump on cage and commencement of pumping operations.

2. Replacement of guide timbers and pipe as water is lowered.

3. Installation of pumps at 200 ft. level, 400 ft. level and final placement of sinking pump at 700 ft. level.

   The estimated time for this pumping program would be 20 days, operating on a three shift basis with nine men per 24 hours--180 man shifts.

THIRD MONTH: GEOLOGICAL SURVEY AND COMMENCEMENT OF DRIFTING

1. First fifteen days required for geological survey by the Defense Minerals Administration, Thor Killsgaard and J. M. Gill, to determine structure of vein in relation to large Siderite lead, average 8 to 16 feet wide, carrying some copper showings in surface and an iron-copper lead outcropping to the North that averages two to four feet in width. To determine direction and strike at depth so as to develop greatest possible ore reserves with proposed exploration.

2. Commencement of drilling operation on 400 ft. level and on 700 ft. level as geological study dictates.

   Average drilling and mucking cost per ft. of drifting--$30.00. Cost per 100 feet estimated--$3000.00.

3. Estimate 15 days drilling--180' of drift--2 crews--8 hour shift.

FOURTH MONTH: DIAMOND DRILLING AND DRIFTING

1. Propose 1300' of core drilling from drift in hanging wall on 400' level to intersect ore vein at 1000' depth--2 holes--650' each.

2. Propose 360' of drifting in exploration to develop greater ore reserves at direction of geological findings by Geological Department of Defense Minerals Administration.

FIFTH MONTH: EXPLORATION AND MAPPING

1. Propose 360' of drifting with findings of Geological Studies of the underground vein.

2. Repair of any existing timbers and make mapping survey of ore reserves as indicated by P. Billingsley Report of 1915.

SIXTH MONTH: COMPLETION OF EXPLORATION PROGRAM

1. Final drifting of proposed exploration program to be completed in the early part of the sixth month.

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

BRIEF RECAPPING OF EXPLORATION COSTS

I. Drifting and crosscutting - 1000' @ $30.00	$30,000.00
II. Diamond drilling - 1300' @ $3.50	4,550.00
	5620.00
III. Repair to existing buildings	500.00
	3190.00
IV. Installation of new facilities	~~8,310.00~~
V. Rental cost of exploration equipment	8,040.00
VI. Purchase of exploration equipment	27,589.20
VII. Supervision costs	2,400.00
Total Cost of Exploration Project	$81,389.20
Total Cost to D. M. A.	$40,694.60

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

SUMMARY OF COSTS FOR EXPLORATION PROJECT FOR THE AMADOR COPPER MINE, SUPERIOR, MONTANA.

I. DRIFTING AND CROSSCUTTING

1. Propose 250' of crosscut on the 400' level to intersect Siderite Lead--cost per foot @ $30.00	$ 7,500.00
2. Propose 250' of drifting on the 400' level to expose and develop additional ore.--cost per foot $30.00	7,500.00
3. Propose 500' of drifting on 700' level to explore and develop known ore body--cost per foot $30.00	15,000.00
Total cost of drifting and crosscutting	$30,000.00

II. DIAMOND DRILLING

Propose 2 core drill holes to be drilled from crosscut 'A' on the 400' level to intersect and prove ore body at 1000' depth. Total footage to each hole--650' Total core drilling 1300' @ $3.50 per foot	$ 4,550.00
Total cost of core drilling	$ 4,550.00

III. REPAIR TO EXISTING BUILDINGS

1. Conversion of 1/2 present building into housing unit for G.M. Diesel Electric	250.00
2. Conversion of additional 1/2 of building into shower room and dryer	250.00
Total repair and conversion	$ 500.00

IV. INSTALLATION OF NEW FACILITIES, BUILDINGS, ETC.

Repair 1. Cost of repair to portal and lift room	$2,420.00
2. Installation of ventilation equipment	225.00
3. Installation of ties and track	1,000.00
4. Installation of air lines	500.00
Repair 5. Pumping of shaft and installation of new guide timbers	2,700.00

SUMMARY OF COSTS FOR EXPLORATION PROJECT FOR THE AMADOR COPPER MINE, SUPERIOR, MONTANA (CONTINUED)

IV. INSTALLATION OF NEW FACILITIES, BUILDINGS, ETC. (Continued)

6.	Installation of hoist and cable	$ 165.00
7.	Installation of 300' No. 00 - 600V, 3 condi. cable	100.00
8.	Installation of snow blade on 1945 Ford dump truck owned by Amador Mining Co.	1,200.00
	Total cost of new facilities	$8,310.00

V. RENTAL OF EQUIPMENT FOR EXPLORATION

(90% of rental to apply on purchase.)

6 Month Period

	1 - 50 H.P. Single Drum Hoist--total purchase price $3,000.00 Rental price per month--$300.00	$1,800.00

4 Month Period

1.	600 Cu. Ft. Compressor--total cost $8000.00 Rental per month--$800.00	3,200.00
2.	8 - 18" Ga. 16 Cu. Ft. Ore Cars--total cost $1000.00 Rental per month--$100.00	400.00
3.	2 - 3" Drifters--total purchase price $900.00 Rental per month--$150.00	600.00
4.	2 - 3 1/8" Stopers--total purchase price $850.00 Rental per month--$130.00	520.00
5.	1 Emico Mucking Machine (Used)--total purchase price $2400 Rental per month $300.00	1,200.00
6.	2 Air Hoists--total purchase price $700.00 Rental per month $80.00	320.00
	Total Rental Cost 6 Month period	$ 8,040.00
	90% of Rental Costs to apply toward purchase price of equipment	7,200.00
	Total Purchase Cost of Rental Equipment--$14,650.00.	
	Balance owed on equipment, end of six months period	7,450.00

SUMMARY OF COSTS FOR EXPLORATION PROJECT FOR THE AMADOR COPPER MINE, SUPERIOR, MONTANA (CONTINUED)

VI. PURCHASE OF EXPLORATION EQUIPMENT

1.	Cable, clamps, etc. & 900' of 5/8" hoisting rope (new) @ .223 per ft.	$ 200.00
2.	1 - 200 K.W.-G.M. Diesel Electric plant 440V	9,000.00
3.	300 ft. No. 00 - 600V - 3 condi. cable	450.00
4.	700 ft. No. 0 - 600 V - 3 condi. cable	1,050.00
5.	Switches, etc. Est. for mine	300.00
6.	2 - 2TLN - 20 H.P. pump @ 200' TDH cost per pump $400	800.00
7.	1 - 2THL - 30 H.P. pump @ 300' TDH	900.00
8.	700' 4" pump column @ $1.00	700.00
9.	50' length 3" hose	100.00
10.	Salier fittings, etc. Est. Cost.	200.00
11.	700' 18" Ventube - 50' length @ $76.00 (new)	1,069.60
12.	1200' - 12" Ventube - 50' lengths	1,179.60
13.	T.M. Blower 8 coppus (new)	565.00
14.	Miscellaneous Equipment	300.00
15.	3700' 3" air line @ 65¢ per ft.	2,405.00
16.	500' 2" air line @ 40¢ per ft.	200.00
17.	100' 4" air line @ $1.00 per ft.	100.00
18.	Cost of 2-3" columns and arms $100. each	200.00
19.	5 lengths 1" air hose @ $40.00 per length	200.00
20.	5 lengths 1/2" water hose @ $25.00 per length	125.00
21.	Drill Steel & Bits	1,000.00
22.	1500' - 1½" pipe for water line @ 30¢ per ft.	450.00
23.	Cost of 180' - 16# track per ton - 12 ton of 16# Rail(Used)	1,200.00

SUMMARY OF COSTS FOR EXPLORATION PROJECT FOR THE AMADOR COPPER MINE, SUPERIOR, MONTANA (CONTINUED)

VI. PURCHASE OF EXPLORATION EQUIPMENT (CONTINUED)

24.	Cost of 500 - 4 -30" ties - 2500 Bd. Ft.	$ 350.00
25.	Spikes and Bolts	225.00
26.	Diesel fuel, gas, oil & lubricates—$720.00 per month	4,320.00
	Total cost of equipment to be purchased	$27,589.20

VII. SUPERVISION

Total cost of supervision for six months' period is to be set at $2400.00. Part of this cost will be used to re-map the underground workings	$ 2,400.00
Total cost of Exploration Project	$82,389.20

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

ITEMIZED STATEMENTS OF EQUIPMENT NEEDED AND LABOR COSTS FOR EXPLORATION LOAN UNDER THE DEFENSE ACT FOR THE AMADOR COPPER MINE AT SUPERIOR, MONTANA**Docket No. 341

ESTIMATED COSTS FOR EACH MONTH:

FIRST MONTH: COST OF EQUIPMENT (RENTAL&PURCHASE)& LABOR --	Cost of Material	Cost of Labor
A. Cost to repair and replace two sets of timbers in the main portal.	$ 20.00	$ 50.00
B. Cost to repair head frame of shaft timbers and to replace and reset sheave block	100.00	100.00
C. Cost to repair shaft collar and to replace two sets of timbers at the collar	200.00	100.00
D. Cost of replacement of guide timbers for cage. Est. 2800 bd. ft. of timbers, and belts and lag steel to hold timber in place	350.00	
E. Rental for bulldozer to repair road to the mine	1500.00	
F. Installation of snow blade on Ford dump truck owned by Amador Mine	1200.00	
2. Hoisting Equipment		
A. 1 - 50 H.P. Single Drum Hoist complete with cont. grids, etc. Total price $3000.00 6 months rental $300.00 per month	R 300.00	150.00
B. Cable clamps, etc. and 900' of 5/8" hoisting rope- (new) @ .223 per ft.	200.00	15.00
C. Cage available and in place at mine		
3. Power Plant		
A. 1 - 200 K.W. GM Diesel Electric Plant 440V	9000.00	500.00
B. 300 ft. No. 00 - 600V - 3 condi. cable	450.00	100.00
C. 700 ft. No. 0 - 600V - 3 condi. cable	1050.00	
D. Switches - etc. Est. for mine	300.00	
4. Diesel Fuel		
A. Diesel Fuel, oils and other lubricants--per mo.	720.00	
	$15390.00	$1015.00

Total cost of first month--material and labor ----------$16,405.00

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

ITEMIZED STATEMENTS OF EQUIPMENT NEEDED AND LABOR COSTS FOR EXPLORATION LOAN UNDER THE DEFENSE ACT FOR THE AMADOR COPPER MINE AT SUPERIOR, MONTANA**Docket #DMA 341

ESTIMATED COST FOR SECOND MONTH:	Cost of Material	Cost of Labor
1. PUMPING EQUIPMENT		
A. 2-2TLN 20 H.P. pumps @ 200' TDH @ $400.00	$ 800.00	
B. 1-2THL 30 H.P. pump @ 300' TDH	900.00	
C. 700' 4" Pump Column @ $1.00	700.00	
D. 50' length 3" Hose	100.00	
E. Salier, fittings, etc. Est. Cost	200.00	
F. 20 days pumping time to include nine (9) men per 24 hrs.--180 man shifts		2700.00
2. VENTILATION		
A. 700' 18" Ventube - 50' lengths @ $76.00 (new)	1069.60	75.00
B. 1200' - 12" Ventube - 50' lengths	1179.60	120.00
C. T. M. Blower 8 Coppus (new)	565.00	30.00
D. Miscellaneous Equipment	300.00	
3. MINING EQUIPMENT (RENTAL)		
A. Hoist rental per month	300.00	
4. DIESEL FUEL		
A. Diesel fuel, oils and other lubricants--per month	720.00	
	$6834.20	$2925.00

Total cost of Second Month--Materials & Labor----------$9759.20

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

ITEMIZED STATEMENTS OF EQUIPMENT NEEDED AND LABOR COSTS FOR EXPLORATION LOAN UNDER THE DEFENSE ACT FOR THE AMADOR COPPER MINE AT SUPERIOR, MONTANA**Docket #DMA 341

ESTIMATED COST OF THIRD MONTH:	Cost of Material	Cost of Labor
1. MINING EQUIPMENT (PURCHASE)		
A. 3700' 3" Air Line @ 65¢ per ft.	$2405.00	$ 500.00
B. 500' 2" Air Line @ 40¢ per ft.	200.00	
C. 100 ft. 4" Air Line @ $1.00 per ft.	100.00	
D. Cost of 2 -3" Columns and arms @$100 ea.	200.00	
E. 5 - lengths - 1" air hose @ $40 per lgth.	200.00	
F. 5 - lengths - ½" water hose @$25 per lgth.	125.00	
G. Drill steel and bits	1000.00	
H. 1500' - 1½" pipe for water line @30¢ ft.	450.00	
I. Cost of 180' -16# track per ton 12 ton of 16# Rail--(used)	1200.00	1000.00
J. Cost of 500- 4 - 30" ties--2500 bd.ft.	350.00	
K. Spikes and Bolts, etc.	225.00	
2. MINING EQUIPMENT (RENTAL)		
A. Hoist (50 H.P.)	300.00	
B. 600 Cu. Ft. Diesel driven compressor	800.00	
C. 8 - 18" Ga. 16 Cu. Ft. ore cars	100.00	
D. 2 - 3" Drifters--$75.00 ea.	150.00	
E. 2 - 3 1/8" Stopers--$65.00 ea.	130.00	
F. 1 Emico mucking machine (used)	300.00	
G. 2 air hoists--$40.00 ea.	80.00	
3. DIESEL FUEL		
A. Cost of diesel fuel, oil & other lubricants per month	720.00	
4. EXPLORATION		
A. Cost of 180' of drifting $30 per ft		5400.00
	9035.00	6900.00

Total cost of Third Month - Material & Labor----------$15935.00

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ITEMIZED STATEMENTS OF EQUIPMENT NEEDED AND LABOR COSTS FOR EXPLORATION LOAN UNDER THE DEFENSE ACT FOR THE AMADOR COPPER MINE AT SUPERIOR, MONTANA**Docket #DMA 341

ESTIMATED COST OF FOURTH MONTH:	Cost of Material	Cost of Labor
1. Mining Equipment (Rental)		
A. Hoist (50 H.P.)	$ 300.00	
B. 600 Cu. Ft. Diesel Driven Compressor	800.00	
C. 8 - 18" Ga. 16 cu. ft. ore cars	100.00	
D. 2 - 3" Drifters ea. $75.00	150.00	
E. 2 - 3 1/8" Stopers @ $65.00 ea.	130.00	
F. 1 Emico mucking machine (used)	300.00	
G. 2 air hoists @ $40.00 each	80.00	
2. Diesel Fuels		
A. Diesel fuel, oil and other lubricants per month	720.00	
3. Exploration Program		
A. 360' drifting under exploration program Cost per foot $30.00		$10800.00
B. Cost of 1300 feet of diamond drilling from the South Drift on the 400' level to intersect the ore vein on the 1000' level. Cost per ft. $3.50		4550.00
	$2580.00	$15350.00

Total cost of Rental Equipment, lubricants and exploration program for fourth month ----------$17930.00

AMADOR MINING CO.
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Missoula, Montana

ITEMIZED STATEMENTS OF EQUIPMENT NEEDED AND LABOR COSTS FOR EXPLORATION LOAN UNDER THE DEFENSE ACT FOR THE AMADOR COPPER MINE AT SUPERIOR, MONTANA--Docket #DMA 341

ESTIMATED COST OF FIFTH MONTH:	Cost of Material	Cost of Labor
1. MINING EQUIPMENT (RENTAL)		
A. Hoist (50 H.P.)	$ 300.00	
B. 600 Cu. Ft. Diesel Driven Compressor	800.00	
C. 8 - 18" Ga. 16 cu. ft. ore cars	100.00	
D. 2 - 3 1/8" Stopers @ $65.00 each	130.00	
E. 2 - 3" Drifters @ $75.00 each	150.00	
F. 1 Emico mucking machine (used)	300.00	
G. 2 air hoists @ $40.00 each	80.00	
2. DIESEL FUELS		
A. Diesel fuel, oil and other lubricants—per month	720.00	
3. EXPLORATION PROGRAM		
A. 360 feet of drifting under exploration program--cost per foot--$30.00		$10800.00
	$2580.00	$10800.00

Total cost of Fifth Month--Material and Labor----------$13380.00

AMADOR MINING CO.
OFFICE
1712 Howell Street
Missoula, Montana

ITEMIZED STATEMENTS OF EQUIPMENT NEEDED AND LABOR COSTS FOR EXPLORATION LOAN UNDER THE DEFENSE ACT FOR THE AMADOR COPPER MINE AT SUPERIOR, MONTANA**Docket #DMA 341

ESTIMATED COST OF SIXTH MONTH:	Cost of Material	Cost of Labor
1. MINING EQUIPMENT (RENTAL)		
A. Hoist (50 H.P.)	$ 300.00	
B. 600 Cu. Ft. Diesel Driven Compressor	800.00	
C. 8 - 18" Ga. 16 Cu. Ft. ore cars	100.00	
D. 2 - 3 1/8" Stopers @ $65.00 each	130.00	
E. 2 - 3" Drifters--$75.00 each	150.00	
F. 1 Emico mucking machine (used)	300.00	
G. 2 air hoists @ $40.00 each	80.00	
2. DIESEL FUELS		
A. Diesel fuel, oil and other lubricants per month	720.00	
3. EXPLORATION PROGRAM		
A. Final completion of 100 feet of drifting under exploration program--cost per foot $30.00		$ 3000.00
	$2580.00	$ 3000.00

Total cost for sixth month--Materials and Labor----------$ 5580.00

RECAP OF EXPENSES FOR EXPLORATION PROJECT FOR SIX MONTHS

		(Cost to the DMA)
First Month---	$16,405.00	$ 8,202.50
Second Month--	9,759.20	4,879.60
Third Month---	15,935.00	7,967.50
Fourth Month--	17,930.00	8,965.00
Fifth Month---	13,380.00	6,690.00
Sixth Month---	5,580.00	2,790.00
	$78,989.20	1,200.00 (Supervision)
	2,400.00 (Supervision) 6 months period	$40,694.60
	$81,389.20	

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

COST OF LABOR AND SUPERVISION FOR EXPLORATION PROJECT FOR THE AMADOR COPPER MINE, SUPERIOR, MONTANA

LABOR COST - For 6 Months Period:

First Month:

2 Experienced Miners @ $15.00 (timber crew)	$ 750.00
1 Cook	300.00
1 Hoist Man @ $15.20	364.80
3 Laborers @ $13.00 for 24 days	936.00
	$2350.80

Second Month:

2 Experience Miners	750.00
1 Cook	300.00
9 Laborers @ $13.00 for 20 days	~~2160.00~~
(3 8hour shifts per day - 3 men per shift)	2340.00
1 Hoist Man @ $15.20 per day - 24 days per month	364.80
	$3574.80

Third Month: (Based on 24 days per month)

4 Experienced Miners	1459.20
1 Cook	300.00
2 Muckers @ $13.00 per day	624.00
1 Hoist Man @ $15.20 per day	364.80
1 Laborer @ $13.00 per day	312.00
	$3150.00
	3060.00

Fourth Month: (Based on 24 days per month - 2 shifts)

4 Miners @ $15.20 per day	1459.20
2 Muckers @ $13.00 per day	624.00
1 Laborer @ $13.00 per day	312.00
2 Hoist Men @ $15.20 per day	724.00 729.60
1 Cook	300.00
4 Miners (Timber Crew)	1459.20
	$4878.40
	4884.00

Fifth Month: (24 days per month - 2 shifts)

4 Miners @ $15.20 per day	1459.20
2 Muckers @ $13.00 per day	624.00
1 Laborer @ $13.00 per day	312.00
2 Hoist Men @ $15.20 per day	724.00 729.60
4 Miners (Timber Crew) @ $15.20 per day	1459.20
1 Cook	300.00
	$ 4878.40
	4884.00

AMADOR MINING CO.
Office
1712 Howell Street
Missoula, Montana

COST OF LABOR AND SUPERVISION FOR EXPLORATION PROJECT FOR THE AMADOR COPPER MINE, SUPERIOR, MONTANA (Continued)

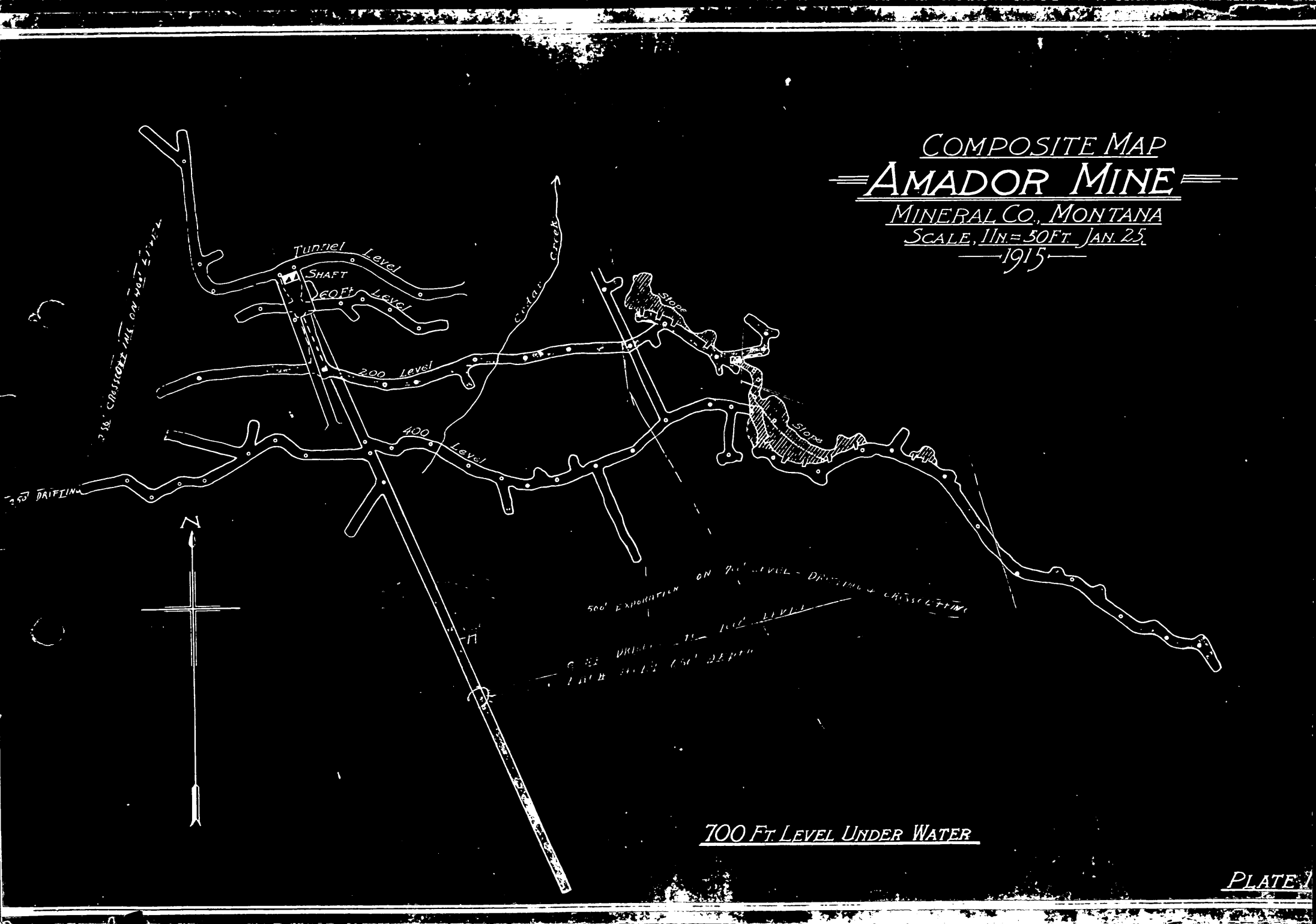
LABOR COST - For 6 Months Period

Sixth Month: (24 days per month - 2 shifts)

4 Miners @ $15.20 per day	$1459.20
2 Muckers @ $13.00 per day	624.00
1 Laborer @ $13.00 per day	312.00
2 Hoist Men @ $15.20 per day	724.00
4 Miners (Timber Crew) @ $15.20 per day	1459.20
1 Cook	300.00
	$4878.40
	23,817.60

SUPERVISION FOR SIX MONTHS' PERIOD:

2 Men - $200 per month for six months	2400.00
Total cost of labor and supervision	~~$21232.40~~ 26,217.60


COMPOSITE MAP
AMADOR MINE
MINERAL CO., MONTANA
SCALE, 1 IN. = 50 FT. JAN. 25.
1915
Tunnel Level
SHAFT
60 Ft Level
200 Level
400 Level
Cedar Creek
Slope
Slope
N
700 FT LEVEL UNDER WATER
PLATE I

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
Denver Branch Administrative
Records
AUG 17 1953

August 11, 1953

Mr. James F. Charlton
Amador Mining Company
Box 118
Missoula, Montana

Subject: Disposal of equipment
Docket No. DMEA-2013 (Copper)
Contract Idm-2216 (Terminated)

Dear Mr. Charlton:

This is to notify you that the bid of the Amador Mining Company for items of equipment purchased under the subject contract and as yet unsold, as indicated in your letter of July 10, 1953, and listed below, is acceptable to the Government.

Item	Amador Bid	DMEA Share
V-Drive		
1-12" dia. 12 grove c-section sheave	$ 50.00	$ 25.00
2-24" dia. 12 grove c-section sheave	175.00	87.50
12 CL 58s matched V-belts	90.00	45.00
1-size 2, magnetic starter	25.00	12.50
3-size 2 magnetic starter	90.00	45.00
1-200A, 600v, 3 fuse disconnect	25.00	12.50
1-60 A, 600v, 3 fuse disconnect	10.00	5.00
1-200A, 600v, 3 fuse disconnect * 2@25.00=50.00	25.00	12.50
190' No. 1, 3 cond, 600v cable	140.00	70.00
2-2" C-20 HP, unitype centrifugal * 224.00	700.00	224.00
500' 3/4 inch 6xl, hoisting cable	150.00	75.00
1-200 KVA 440v, GE Generator	1,750.00	875.00
Total	$3,255.00	$1,501.50

This will also advise you that the Government waives its equity in the snowplow, the 500 feet of three conductor No. 8 covered wire and the 14 extension collars.

The audit of your account is not yet complete; therefore, we cannot tell you the exact difference between the amount of your bid and the amount due you under the contract. In order that the audit may be

* for credit only

completed, it is suggested that you forward to this office a check for $780 made payable to the Treasurer of the United States to take care of the balance due on the machinery. If any adjustment is necessary, it can be made when the final audit is completed.

Sincerely yours,

Thor H. Kiilagaard
Acting Executive Officer
DMEA Field Team, Region II

cc: USBM (2)
DMEA (2)
Cont. Adm. & Audit Div., Wash, D. C.
Auditor, Region II
Finance Officer

FILE COPY
SURNAME:

Docket.
Schmidt
Ellis
Chapman
Selfridge
Hodgson
Weissenborn

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

AUG 6 1953

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

Re: Docket No. DMEA-2013 (Copper)
Contract No. Idm-2215 (Terminated)
Amador Mining Company
Mineral County, Montana

Dear Mr. Weissenborn:

This acknowledges receipt of a letter by Mr. Volin of July 20, 1953, concerning the proposed purchase of the unsold equipment bought for the Amador Mining Company contract which has been terminated.

The list of equipment already sold and a comparison of the cost and sale prices, together with a list of the remaining equipment to be bought by the Amador Mining Company, and their bid compared with the purchase price, have all received careful attention. The bid of the Amador Mining Company, in the light of actual experience in selling some of the equipment, is reasonable and your recommendation to accept their offer of $3,255.00, of which $1,501.50 is the DMEA share, is therefore acceptable.

It has been noted in your letter that the Operator has tried to sell the equipment by advertising in the Engineering and Mining Journal and in newspapers published in Wallace and Salmon, Idaho, and also that the Willer Machinery Company was unable to sell it. It is noted that you consider the requirements of DMEA Circular No. 30, regarding the disposition of property, have been fulfilled.

Your decision, as a result of investigation on the ground, that the snow plow and the 900 feet of No. 8 covered wire and the 16-inch suspension collars are not salvageable is acceptable and these items are therefore eliminated.

Your attention is drawn to item 11 in the Amador bid, of $700.00 for 2 centrifugal pumps of which only $224.00 is the DMEA equity. It is assumed that this is correct.

Sincerely yours,

George C. Selfridge
GCS
Chairman, Operating Committee

APPROVED:

S. E. Hodgson GCS
Member, Bureau of Mines

A. R. Kinkel, Jr. GCS
Member, Geological Survey

Messrs: C. H. Johnson, Rm. 3021
A. R. Kinkel, Rm. B-242A, GSA
Ellis
Schmidt

FSSchmidt/db
8-4-53
cc to: Adm. Reading File
Operating Committee
Docket

R. C. G.
8-6-53

Justification of sale to Amador of equipment

Amador Kootenay euipment ~~xxxxxxxxxxx~~ 7/24/53 Schmidt
DMEA 2013

~~Notes on equipment and supplies involved in Amador Kootenay~~
transfer of contract

7/23 recd list by Amador Co. of equipment sold, and bid for by them ~~xxx~~ making a total of 29 items plus 3 which are to be considred expendible.

Another list by Reno of the Bureau which I have checked against the Amador data and it actually checks, also with 29 items

Items sold

~~There are 16 items that Amador Co has sold with the a pproval of the Field Team~~

Purchase price	7,595.76		
Sale price	4,173.87	Deprecia tidn	45%
DMEA equity	2,086.94		

~~Cook~~

Items left that Amador wishes to buy 13 items

Purchase price	6, 159.92	Depreciation	47%
Amador Bid	3,255.00		

The deprefiation in these items calculated on our usual 60 month basis for comparison is as follows Date of contract 10/30/51 present 7/31/53, 21 mos

21/60 of 6,160 is 2,157 depreciation

purchase price	6,160
depreciation	2,157
deprecia ted valuation	4,003
Ama dor bid	3,255
Shy	748

The percent depreciation by our standard method would be 21/60 or 35% instead of 47%

Since the sale of over $7,000 worth of equipment on the market involved 45% depreciatio
and the Amador Bid involves 47% depreciation
and the theoretical depreciation based on 60 mos is 35%

It would seem that from a business standpoint tht the Amador bid ~~xxx~~ should be considered acceptible. Field Team Volin 7/20 states that proper steps to get bids and to advertise were taken.

There are three items not included in either the list already sold or the list to be purchased by Amador. The snow plow (not self propelled) origia n cost $227.50 claimed to be so badly worn no offer ~~would~~ be secured . About 900 ft No 3 cond No.8 covered wire original cost about $585 not salvagable due to splices weather checks, cuts and 14-16 inch suspension collars non salvagable left in the mine. It is recommended we waive our interest as recommended by field team Volin 7/20/53

Dane + Talbert agree with recommendation to sell Sch.

DMF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Part of July & August, 1952 Docket No. DMEA 2013 Contract No. IDM-E-215
Operator's Name Amador Mining Company Minerals Copper
Address Box 118, Missoula, Montana
Contract Amount, $ 72,190.00 Government Participation: 50% Amount, $ 36,095.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent ~~XXXXXXXX~~ Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	4686.84	4610.28	9297.12	4686.84	4610.28	9297.12
Supervision	696.78	1400.00	2096.78	496.78	1400.00	1896.78
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		174.00	174.00	349.24	174.00	523.24
Explosives		12.00	12.00	-0-	12.00	12.00
Pipe		644.85	644.85		644.85	-0-
Track						
Gas, oil, lubricant	251.73	2115.46	2367.19	25.97	2115.46	2141.43
Misc. Supplies	11.23	362.16	373.39	114.48	362.16	476.64
(4) Operating Equipment:						
Rental		875.00	875.00		875.00	875.00
Purchase		13,595.39	13,595.39	644.85	13,690.19	14,335.04
Depreciation						
(5) Initial Rehabilitation and Repairs		785.10	785.10		785.10	-0-
(6) New Bldgs., Improvements, etc.		230.46	230.46	5.29	230.46	235.75
(7) Miscellaneous:						
Repairs to Equipment		293.20	293.20	465.86	293.20	759.06
Sampling and Analysis						
Payroll Taxes	226.11	254.73	480.84	215.41	254.73	470.14
Liability Insurance	16.94	32.78	49.72		41.25	-0-
Ind. Accident Ins.	430.69	339.63	770.32	397.28	339.63	736.91
Truck Lic. & Tax		56.15	56.15		56.15	-0-
(8) Contingencies (specify):						
Totals				5874.65	25884.46	31759.11
Salvage Proceeds						
TOTALS	6320.32	25,781.19	32,101.51		25884.46	24805.54

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 9/5/52 Payee Amador Mining Company

Per Emerie H. Christ Title Vice President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

Operator owes $539.45

Signature
(Authorized Certifying Officer)

Date 11/1/53 Vou. No.
(See other side)

Totals Corrected to C.A. Turnis Audit dated 11/18/53.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 215 in accordance with the terms of the contract.

Signature S/ H. T. Pens Title M. Eng. Date 9/10/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S/ M. E. Volin Title Field Team Member Date 12/1/53

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

U. S. GOVERNMENT PRINTING OFFICE 205675

Amador Mining Company, Box 119 Missoula, Montana
Docket No. 2015 DMEA Contract No. IDM-E-215

Itemized list of expenditures for month of August. Also includes payroll for month of July which we are resubmitting due to lack of information on the July Payroll. This information being requested by Robert M. Hull in his letter of August 28, 1952.

#2. Labor and Supervision		
Supervision&Labor for July	$4150.83	
" " " ~~August~~	~~1233.79~~	
Supervision & Labor for August	1233.79	
	5383.62	
Payroll taxes for July	506.40	
" " " August	150.40	
	6040.42	6040.42
#3--Operating Mat'l. and Supplies		
Gas, oil, Lubricants		251.73
Misc. Supplies		11.23
#7. Miscellaneous		
Liability Insurance$8.47 per mo. for July & Aug.		16.94
	Total- - -	6320.32

Due to the fact that we have not yet received the approved copy of the July report, we deducted the various items as shown in Mr. Hull's letter, and made this report accordingly. There may be further deductions which we did not catch, but we believe this report to be accurate considering the information we had at hand. The above item for Liability Insurance may have been approved previously for the month of July and if so it will be necessary to deduct the $8.47 for that month and show only $8.47 instead of $16.94 in that space.

Form MF-124A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 195 2 Docket No. DMEA 2013 Contract No. IDM-E-215
Operator's Name Amador Mining Company Minerals Copper
Address Box 118, Missoula, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		6320.32		32,101.51				
New Buildings, Improvements, etc								
TOTAL COSTS		6320.32		32,101.51				

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

Date Sept. 5, 1952 Operator Amador Mining Company

Per _____ Title Vice President

REMARKS:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

U. S. GOVERNMENT PRINTING OFFICE 205676

AMADOR MINING COMPANY

NARRATIVE:

We are submitting the final report on the Amador Mine. The mine has been closed, the pumps and all equipment has been removed from the lower levels. The hoist has been returned to Miller Machinery as well as all other rental equipment. The decision to close the mine was made on August 8th at which time we commenced making preparations to remove the machinery.

All the machinery that was purchased is stored at the mine under locks. To date we have advertised the machinery for sale in the "Wallace Miner" and the "Salmon Record Herald" with no results as yet.

I am enclosing the attached letter copied from Irving G. Irving to the Board of Directors. Mr. Irving made a survey and sampled the vein on the 700 and 400 levels. His recommendations were to cease operations immediately. The removal and storing of the machinery was completed on the 23rd of August. Mr. Lee Johnston has been engaged by the company as a part time watchman to insure against theft and trespassing.

Any further information concerning the mine, property, etc. will be gladly sent upon request, also any of the maps and other data furnished us by Mr. Irving.

Sincerely yours,

Merrill H. Christman /s/

Merrill H. Christman
Vice President

COPY

C
O
P
Y

THE GALLAGHER COMPANY
545 West Eighth Street South
Telephone 9-8731
Salt Lake City 4, Utah

August 22, 1952

Board of Directors
Amador Mining Company
Box 118
Missoula, Montana

Gentlemen:

Enclosed are an original and two copies of my brief report on the Amador Mine. Also enclosed is one map showing the geology of all levels and the workings and stoping in longitudinal section. Additional maps may be obtained but I only send one at this time as I want to keep the expenses of the examination down to a minimum.

As you will note on reading the report and as I told both Mr. Nelles and Dr. Koessler the other day, I think the most prudent thing to do at this point is to cease operations.

If you and your associates wish to do some prospecting, in the form of bulldozing or diamond drilling, then the project assumes an entirely different aspect. Your original objective was to re-open an old mine and get at an ore reserve that appeared to be there. You have completed this part of the job and the ore is simply not there.

As a prospect, I do not think very much of the property either, in view of findings on the bottom level. There are probably much better places to spend such money.

In short, I suggest terminating the venture, as far as mining, or prospecting under current conditions are concerned. I understand there is some timber on the ground, and this might represent some salvage, in addition to the equipment that may be sold.

If you have any questions concerning the report and my findings, please do not hesitate to write.

Thanking you again for calling us in on this matter and hoping to be of further service in the future, I remain,

Very sincerely yours,

I. G. IRVING

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

1201 North Division Street
Spokane 2, Washington

May 1, 1953

Amador Mining Company
P. O. Box 118
Missoula, Montana

Attention: Mr. James F. Charlton, Pres.

Subject: Docket No. DMEA 2013
Contract Idm-8215

Dear Mr. Charlton:

This is to inform you that the prices obtained for jointly-owned equipment as shown in your letter of April 22, 1953, and in the listing below are agreeable to the Government.

700 ft. 6" aluminum pipe with fittings	$307.00
1 - 2" C 25 HP, 3500 RPM, 3/60/440 V Pacific LM Unity PE Centrifugal Pump with 9" Impeller, Ser. No. DTP15907	$505.45
44 ft. #12 3-conductor RC Cable at .44	$ 19.36

It will be appreciated if you can furnish us a list of all items of non-expendable supplies and equipment liquidated to date and the amount received for each item. In checking our records of disposed items against the inventory list, a copy of which was supplied you with our letter of September 23, 1952, it would appear that a few items are not accounted for.

We will be glad to furnish you a copy of Mr. Turner's audit report when it is completed. It cannot be finished, however, until proper disposal of all remaining jointly-owned property is completed.

Sincerely yours,

M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

MEV/vf

cc: Wash. 2
USGS 2
DMEA
A/D
D/F

Standard Form No. 1034 a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 9 1952

D. O. Vou. No. .....

Bu. Vou. No. DMA-358

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 9/4/52
(Give place and date)

PAID BY

(For use of Paying Office)

THE UNITED STATES, Dr., *Payee's Account No* Idm-E-215

To Amador Mining Company,
(Payee)

Box 118, Missoula, Montana
(Address) (City) (State)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	July 1952	As per attached certified form MF-104 dated August 11, 1952				1,197	91
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 1,197 91

(Payee must NOT use this space)

Differences .....

Account verified; correct for 1,197 91

(Signature or initials) .....

Contract No. Idm-E-215 Date Req. No. Date Invoice Rec'd.

1,197.91

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	1,197.91	1,197.91

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
{ Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

Form DMEA-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 9 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1952 Docket No. DMEA 2013 Contract No. IDM-E-215
Operator's Name Amador Mining Company Minerals Copper
Address Box 118, Missoula, Montana
Contract Amount, $72,190.00 Government Participation: 50 % Amount, $ 36,095.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent ~~XXXXXXX~~ Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	3750.83	4610.28	8361.11	—	4610.28	4610.28
Supervision	400.00	1400.00	1800.00	—	1400.00	1400.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	37.31	136.69	174.00	37.31	136.69	174.00
Explosives		12.00	12.00		12.00	12.00
Pipe	23.30	621.55	644.85	23.30	621.55	644.85
Track						
Gas, oil, lubricants	855.88	1259.58	2115.46	855.88	1259.58	2115.46
Misc. Supplies	227.22	226.49	453.71	135.67	226.49	362.16
(4) Operating Equipment:						
Rental	230.50	650.00	880.50	225.00	650.00	875.00
Purchase	2057.93	12,812.66	14,870.59	877.53	12,812.66	13,690.19
Depreciation						
(5) Initial Rehabilitation and Repairs		785.10	785.10		785.10	785.10
(6) New Bldgs., Improvements, etc.		230.46	230.46		230.46	230.46
(7) Miscellaneous:						
Repairs to Equipment	232.66	60.54	293.20	232.66	60.54	293.20
Sampling and Analysis						
Payroll Taxes	174.33	254.73	429.06	—	254.73	254.73
Liability Insurance	8.47	32.78	41.25	8.47	32.78	41.25
Industrial accident	332.07	339.63	671.70	—	339.63	339.63
Truck license & tax		56.15	56.15		56.15	56.15
(8) Contingencies (specify):						
			31,819.14			
TOTALS	8330.50	23,488.64	~~31,749.14~~	2395.82	23488.64	25884.46

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 8-11-52 *Payee Amador Mining Company

Per Merrill A. Christian Title Vice President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1197.91

Signature [illegible]
(Authorized Certifying Officer)

Date 9/3/52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E215 in accordance with the terms of the contract.

Signature Howard T. Reno Title Min Engr. Date 8-14-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Title Mining Engr. Date 8/22/52

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

U. S. GOVERNMENT PRINTING OFFICE 205675

Expenses as shown on Operator's Monthly Report and Voucher--Amador Mining Co., Docket No. DMEA 2013, Contract No. IDM-E-215

#2. Labor (Included with invoices is the copy of the payroll showing the cost of Labor and payroll taxes, Industrial accident etc. Labor and supervision-----$ 4150.83

3. Operating Mat'l. & Supplies:

Timber-used for ladders as pumping progressed down shaft		37.31
Pipe - -Fittings for aluminum pipe used to carry water out of shaft		23.30
Gas, oil, other lubricants		355.88
Misc. Operating Materials & Supplies:		
Bulbs for mining lights	2.25	
Belts for " "	5.00	
1 used garden pump	80.00	
all other supplies on Isla. Merc. invoices are self explanatory	1[illegible].97	2[illegible]7.22

~~X. XXXXXXXXXXXXXXXX~~

4. Operating Equipment:

Rental--large hoist in lift room	$225.00	
1-507 air hose and couplings	5.50	230.50
Purchase--1 375 Cu. ft. Ingersol Rand Compressor	1000.00	
Miners lights and charger, & flexipipe for air duct.	275.20	
Rubber covered wire to be used down into shaft and tunnels	260.00	
Same as above--rubber covered cable	52[illegible].73	2[illegible]57.93

#7 Miscellaneous:

Repairs to Equipment--all items on invoices are self explanatory we believe	288.69
Payroll taxes are shown on payroll sheet	174.33
Liability Insurance prorated as suggested	9.47
Industrial Accident Insurance	332.07
Total	8330.50

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 9 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1952 Docket No. DMEA 2013 Contract No. I D M-E-215
Operator's Name Amador Mining Company Minerals Copper
Address P. Office Box 118, Missoula, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		2057.93		12,812.66				
Initial Rehabilitation and Repairs		6272.57		18,936.48				
New Buildings, Improvements, etc.								
TOTAL COSTS		8330.50		31,749.14				

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

Date August 11, 1952 Operator Amador Mining Co.

Per Merrill A. Christman Vice President

REMARKS:

→ NOTE.—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.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

U. S. GOVERNMENT PRINTING OFFICE 205676

COPY

NARRATIVE REPORT - AMADOR MINING CO.

Missoula, Montana
August 11, 1952

Defense Minerals Exploration Administration
1201 North Division St.,
Spokane, Washington.

Dear Sirs:

The following narrative covers the month of July on the progress at the Amador Mine.

We have completed the pumping program and the shaft and workings are completely dry. The rate of inflow I would estimate to be about 200 gallons per hour. The pumps have all been placed on the levels and the cleanup and rehabilitation of the stations completed. The track and tunnels have been cleaned of debris on the 700 foot level. The pumping operation went very smoothly with no obstructions or cave-ins were encountered. Ladders were installed as the pumping progressed and landings installed every fifteen feet.

At the present time we are continuing with the cleanup and installing air line and track on the surface, while we are waiting for the Government field team to complete their survey and to determine the future program.

Sincerely,

/s/ Merrill H. Christman
Vice President.

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. MIA-312

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 8/7/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. IM B-215

To Amador Mining Company,
(Payee)

Box 116, Missoula, Montana
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	June 1952	As per attached certified form MP-104 dated July 7, 1952				2,560.91	

PAYMENT:
Complete ☐
Partial ☐
Final ☐

Use continuation sheet(s) if necessary

Shipped from to Weight Government B/L No. Total 2,560.91

(Payee must NOT use this space)

Differences .....

Account verified; correct for 2,560.91

(Signature or initials) .....

Contract No. IM-B 215 Date Req. No. Date Invoice Rec'd.

2,560.91

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 25 1952

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	2,560.91	2,560.91

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.).

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

Form MF-104 (Rev.)
(April 1952)

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 22-R1036.1
Approval expires 6-30-53.
Defense Minerals Administration
RECEIVED
AUG 25 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June 7, 1952 Docket No. DMEA 2013 Contract No. I.D.M -E-215
Operator's Name Amador Mining Company Minerals Copper
Address Box 118, Missoula, Montana
Contract Amount, $ 72,190.00 Government Participation: 50 % Amount, $ 36,095.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent ~~Exxxxxx~~ Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1966.98	2643.30	4610.28			
Supervision	400.00	1000.00	1400.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	81.69	55.00	136.69			
Explosives		12.00	12.00			
Pipe	621.55		621.55			
Track						
Gas, oil, lubricants	659.01	600.57	1259.58			
Other supplies	226.49		226.49			
(4) Operating Equipment:						
Rental	305.00	345.00	650.00			
Purchase	27.99	12,784.67	12,812.66			
Depreciation						
(5) Initial Rehabilitation and Repairs	356.88	428.22	785.10			
(6) New Bldgs., Improvements, etc.	230.46		230.46			
(7) Miscellaneous:						
Repairs to Equipment		60.54	60.54			
Sampling and Analysis						
Payroll Taxes	101.70	153.03	254.73			
Liability Insurance	8.47	24.31	32.78			
Ind. Acc. Ins.	135.61	204.02	339.63			
		56.15	56.15			
(8) Contingencies (specify):						
TOTALS	5121.83	18,366.81	23,488.64	5121.83	18366.81	23488.64

I certify that the above bill is correct and just and that payment therefor has not been received.
Date July 7, 1952 *Payee Amador Mining Company
Per Merrill F. Christman Title Vice President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
MP.
$ 2560.90
Signature WR (Authorized Certifying Officer)
Date 8/6/52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E215 in accordance with the terms of the contract.

Signature Harold T. Reno Title Mining Engr. Date 7/12/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Glenn O. Reed Title Mng Engr. Date 7/12

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Expires 6-30-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 25 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 2 2013 Docket No. DMEA IDM-E-215
Operator's Name Amador Mining Company Contract No. Copper
Address Box 118, Missoula, Montana Minerals

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		27.99		12,812.66				
Initial Rehabilitation and Repairs		4863.38		10,445.52				
New Buildings, Improvements, etc.		230.46		230.46				
TOTAL COSTS								

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

July 7, 1952 Amador Mining Company

Date Operator

Vice President

Marvil Dechristopher Title

REMARKS:

→ NOTE.—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.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

U. S. GOVERNMENT PRINTING OFFICE 205676

Items submitted for payment under Contract No.
IDM-E-215
Docket No. DMEA 2 013

AMADOR MINING COMPANY
BOX118, Missoula, Montana
June, 1952

Item:

2. Labor (copy of complete payroll showing deductions and taxes paid by Company is attached) 2366.98

3. Timber-used in shaft as water is pumped down-for ladders etc. 81.69

Pipe-Aluminum pipe and necessary fittings used for pump column. 621.55

Gas, oil, other lubricants 659.01

Other supplies-- Cornish Cord--explanation of its use is entered on invoice. This is No. 8, 2 conductor wiring 128.03

50'-2½" hose and couplings, etc. flexible connection used between pump and pump column. 98.46 226.49

4. Operating Equipment:

Rental--Electric hoist rental--see invoice--225.00

Rental-Air hoist for May and June at @40.00 per month 80.00 305.00

Purchase--Addition belts and keys for Generator Drive, Invoice should be self-explanatory on this item 27.99

5. Initial Rehabilitation & Repairs:

Welding aluminum pipe-invoice from Folsom Co.	1.35
Channel iron base for diesel engine-Culb.&V.B.	9.30
Repairs to concrete mixer-Davies Farm Supply	3.90
Fittings and hack saw blades-Gambles	2.70
Cup, cone, retainer, lock rings--repairs to diesel engine. Pillow block bearings-repairs to head sheave on gallows frame--Mountain Tractor	87.65
All items on Missoula Mercantile Invoice are self explanatory Balance	356.88

6. This item is broken down on the tape attached to the invoices. the items with a circle in ink in front of them cover the material used in building the "dry". The first aid kit is necessary to conform to safety regulations. 230.46

The Liability insurance was prorated as you suggested in the amount @8.47 per month. We noticed the 10cent error on the social security upon making up our quarterly return. 8.47

COPY

DMEA Docket No. 2[illegible]3 Amador Mining Company Contract No. IDM-E-2[illegible] Month of June, 1952

NARRATIVE

Dear Sirs:

We are submitting our bills for the month of June.

We are submitting two billings for pump column and fittings, Due to the shortage of steel, we purchased aluminum construction pipe with quick couplers. The bills are for the pipe and additional elbows, etc.

We are submitting rental bills on one air hoist for May, and June. This is used for hoisting timbers, etc.

The construction, rehabilitation and repair of buildings for the dry and diesel room is complete except for two windows and tar paper on the outside. We completed all our installations and repairs on 6/23/52 and commenced pumping at 8:00 P.M. on the 23rd. The 60' level was reached in approximately 48 hours. The tunnels that are on the 60' level conform with the maps obtained from the Anaconda Copper Mining Company. We continued pumping and reached the level which is called the 200' on 6/30/52. This level is 160' from the shaft collar. The condition of the timbers and existing workings is good, but the stopes are extremely larger and do not conform with the map in any way.. I would estimate we have pumped 8 to 10 times the water we had originally anticipated. The inflow is very small once the tunnels are dry. We are continuing down the shaft but only at a rate of about 15 feet in 24 hours. There is a tremendous stope going downward from the 200' level and as I stated before we are pumping a tremendous amount of water. The amount cannot be determined until the mine is correctly mapped, but I believe we are pumping approximately 200 gallons a minute.

Any prediction on when we will reach the 400 foot level is pretty hard to make because the picture was changed since we have found that the maps are incorrect.

One of our difficulties has been in obtaining miners but at the present time we have a full crew. We hope the labor trouble is over.

I think this covers the operation to date and I believe after we reach the 400 foot level the pumping will go faster because we know pretty definite that the 700 foot level hasn't been open since 1907.

Sincerely,

Merrill H. Christman

Merrill H. Christman
V. Pres.

COPY

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. DMA-263

U. S. Interior, Mines (Department, bureau, or establishment)

Voucher prepared at Albany, Oregon (Give place and date) 6/24/52

THE UNITED STATES, Dr., Payee's Account No. Idm-E 215

To Amador Mining Company, (Payee)

P. O. Box 118, (Address) Missoula, Montana (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	April and May 1952	Discount Terms net As per attached certified form MF-104 dated June 2, 1952				3,229	69
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	3,229	69

(Payee must NOT use this space)

Differences .....

Account verified; correct for 3,229 69

(Signature or initials) .....

Contract No. Idm-E 125 Date Req. No. Date Invoice Rec'd.

3,229.69

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	3,229.69	3,229.69

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
{ Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.).

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 215
Idm-E

Name of Operator: Amador Mining Company
Docket No. DMA: 2013
Total Contract Amount $: 72,190.00
Government Participation: 50 % Amount $: 36,095.00
Distribution of Expenditures for Month of: April and May, 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1951

CERTIFICATION

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

Amador Mining Company
(Name of Company)

By Merrill A. Christensen
(Signature of Authorized Official)

June 2, 1952
(Date)

Vice President
(Title)

NOTE.—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.

16—64068-6

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	$523.61	7775.15	13,298.76	5009.52 ~~[illegible]~~	7775.15	
(b) Rented[2]	225.00	120.00	345.00			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings	57.22		57.22			
(c) Installations	141.00	230.00	371.00			

NARRATIVE
April and May Report

Defense Minerals Exploration Administration
1201 North Division Street
Spokane, Washington

Dear Sirs;

Operations were resumed at the Amador Mine on May 15, 1952. The first work that was done was to build a new bridge and to replace the roof on the building to be used for the Generating Plant. There was no machinery hauled the week of the 19th to 24th as the truck was hauling gravel to be used for foundations and floors. The gravel had to be hauled from beyond Superior, a distance of 13½ miles and hand loaded.

The Generator, control panel, hoist control, hoist grids and Diesel Engine are at the mine. The rest of the machinery for which we are submitting billing will be hauled in as fast as possible, which will be one trip a day with the dump truck and as many trips with the pickup as machinery weights will allow.

The past two weeks we have had a little difficulty obtaining help, but starting Monday, June 21 we have 2 additional men and two more who have promised to go to work about the 5th, making a total of seven men exclusive of supervisors, which should be sufficient for the present.

We have the concrete slab poured for the hoist, also part of the floor poured around the shaft, so approximately 3 more days should see the concrete work complete including the floor in the dry and shower room, and allowing reasonable time for installation of machinery, wiring, etc., we should be in a position to start actually pumping operation on about the 16th of June. The material for ladders has been ordered and should be delivered in a couple days also guide material.

Included in our invoices are items for the Diesel Electril unit. The housing, shaft and bearings and stand are to adapt the Diesel to V-Belt drive and the billing for V-Drive includes pulleys for both the generator and engine and the belts. This will complete this unit.

Respectfully,
Merrill H. Christman
Merrill H. Christman
Amador Mining Company

COPY

[illegible]ador Mining Company I[illegible]-E-215
Docket no. 2013DMA
Cost Distribution Sheets

2. Operating Equipment:

(a) Purchased

200 H. P. Generator-final installment	$ 875.00	
V-Drive	541.62	
Leads	110.00	
Starters	239.50	
Transformer and Cable	334.13	
Pumps	2121.51	
Couplings	1026.85	
Tugger Hoist	275.00	
		$5523.61

(b) Rented

1 25 H.P. 3/60/440 Ottumwa Elec. Hoist	225.00

3. Rehabilitation and Repairs:

(b) Buildings Roofing and nails to repair building housing Generator	57.22
(c) 100 sacks cement used for foundations and floors in buildings and lift room.	141.00

4. Labor-

one week- one man only in April and last two weeks of May--makes up Payroll to date	479.40

5. Supervision--last two weeks in May	200.00

6. Supplies:

(a) Timber-planking used to build bridge		55.00
(b) Repair Parts		
Stud bolts for dump truck	$2.72	
Brake drum for GMC pickup	5.18	
Housing, shaft, bearings for Diesel Electric set	206.91	
Mirror head & Brake fluid-dump truck	3.04	
Gaskets for dump truck	.75	
Spark plug for concrete mixer	.71	
		219.31
(d) Other Gas, oil and miscellaneous supplies		196.65

9. Insurance

(b) Public Liability and Property Damage on Dump Truck and Carryall	101.68
(c) Workmen's Compensation	18.15
Industrial Accident Insurance	37.65
Social Security	10.19

Total expenditures--May report $ 7257.86

DuplicateInvoices for blower and hoisting cable are enclosed along with cancelled check which covered them plus paying on generator.

COPY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	472.40	2170.90	2643.30			
5. Supervision	200.00	800.00	1000.00			
6. Supplies						
(a) Timber	55.00		55.00			
(b) Explosives		12.00	12.00			
(c) Repair Parts	219.31	48.14	267.45	12.40		
(d) Other	196.65	403.92	600.57			
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	101.68		101.68	24.31		
(c) Workmen's Compensation	18.15	80.22	98.37			
social security	10.19	44.57	54.76	10.09		
10. Contract work industrial acc.	37.65	166.37	204.02			
11. Other (specify)		56.15	56.15			
Total	7257.86	11907.42	19,165.28			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date				6459.39	11,907.42	18,366.81

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project. all

FOR GOVERNMENT USE ONLY

Checked by J B Sanders
Entered by
Approved by Howe D. Peers
Amount approved for payment $3229.69
Remarks Items 9(b) Prorated from 3/1/52 - 5/31/52
Item 9 (c) 10% ded.

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April & May

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	672.40	5748.61	669.18	167.67	7257.86					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	672.40	5748.61	669.18	167.67	7257.86					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

P.O. Box 492,
Albany, Oregon
June 19, 1952

MEMORANDUM TO:

Amador Mining Company
P.O. Box 118, Missoula, Montana

From: W. Rulon Lee, Fiscal Officer, Bureau of Mines,
Albany, Oregon

Subject: April & May Form MF-104, Contract Idm-E-215

The above itemization of expenses is being passed for payment in the amount of $3,229.69.

Deductions for equipment were made as follows:

Tugger Hoist - $275.00 - This item not listed as an item to be purchased under the contract.

Pumps - $446.00 deducted. According to the contract two 20 H.P., 200' pumps were to cost $400.00 each, therefore $800.00 was allowed for the two pumps purchased from Miller Machinery Company.

The charge of $101.68 covering insurance for one year was prorated and allowance was given for $8.4733/month from March 4 through May 31, 1952. Cost per month should not exceed $8.47 for this item.

Social security was overcharged 10¢, and a deduction of that amount was made from item 9(c).

Copy of invoice covering the Tugger Hoist is attached herewith.

W. Rulon Lee

CC M. V. Volin

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 215

Name of Operator Amador Mining Company
Docket No. DMA 2015
Total Contract Amount $ 72,190.00
Government Participation: 50 % Amount $ 36,095.00
Distribution of Expenditures for Month of March, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Amador Mining Company
(Name of Company)

By Muriel A. Christman
(Signature of Authorized Official)

4/8/52
(Date)

Vice President
(Title)

NOTE.—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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	7775.15	-0-	7775.15			
(b) Rented[2]	-0-	120.00	120.00			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations	80.00	150.00	230.00			

AMADOR MINING COMPANY

P. O. Box 118 MISSOULA, MONTANA

BOARD OF DIRECTORS
JAMES F. CHARLTON, President
MERRILL H. CHRISTMAN, Vice President
MELVIN M. FABERT, Treasurer
A. J. MOSBY
ALBERT R. GLOCKZIN, Geologist

Narrative Covering Work Done at the
Amador Mine under Loan Contract Idm-E-215

We started work at the Amador Mine on February 1st., 1952 in compliance with the Government Contract Idm-E-215. The first week was devoted to snow removal using a truck snow plow and a bulldozer where the snow was too deep for removal with the truck plow.

Our next step was the removal of the cave-in at the mouth of the tunnel. Due to heavy frost conditions the rock and dirt had to be dynamited to break it up which made progress much slower than orginally planned.

After retimbering the portal and moving inside the lift room we found that all but one of the upright timbers had to be replaced due to the rotten condition of them at the top end. We expected to be finished with the retimbering by the 10th of March, but on the 7th day of March we broke one of the main caps while hoisting the upright timbers in place. This cap was one holding the timbering and lagging on the west wall. This resulted in all the timbers and lagging on the west wall caving in. It took us approximately 10 days to clean up the mess and replace the timber and what lagging was necessary.

The hoist room is now complete except for the installation of machinery and some guide timbers. The concrete floor has been poured in the building which will house the Diesel Electric.

The men were laid off and operations ceased on March 21st. because of road conditions. We attempted to haul gravel for concrete and due to the mud and soft road we broke an axle in the dump truck and pulled the gears in the from wheel drive of our Army 4x4. As the only remaining work was pouring concrete bases and hauling in and installing machinery, the men were laid off until conditions improve to the point where we could haul heavy loads on the road. I have driven the road in the last couple of days and conditions appear to have improved to the point where we should be able to start again in the very near future.

Sincerely

Merrill H. Christman

Merrill H. Christman,
Vice President

AMADOR MINING COMPANY

Monthly Summary Cost Statement

March, 1952

2. Operating Equipment

(a) Purchased

G. M. 671 Diesel Engine	$4000.00	
200 H. P. Generator(down payment & Feb. & March pmt. as per contract	2625.00	
Snow Plow	271.30	
Hoisting Cable	285.30	
Ventair Blower	593.55	
		$ 7775.15

3. Rehabilitation and Repairs:

(c) Installations

Planks (used in lift room)	$ 55.00	
Timbers used for ladders & planking in hoist room	25.00	
		$ 80.00

4. Labor	$ 1145.80
5. Supervision	400.00

6. Supplies

(c) Repair parts

Axle for dump truck	$14.44	
Gaskets, Rod, & U Joint for dump truck	8.32	
Radius Rod, emery cloth, permatex	3.58	
		$ 26.34

(d) Other

Gas, oil, miscellaneous supplies	$ 173.94

9. Insurance

We have segregated the three different taxes we have to pay on our payroll. Upon checking by phone with Mr. Kiely of the Industrial Accident Board in Helena, we found the rate for Industrial Accident Insurance to be $5.60 per hundred instead of $10.00 per hundred as we had reported in our report for February. On the payroll sheet you will find the total payroll for the months of February and March set up at the bottom of the sheet with the corresponding figures for Industrial accident fees for those two months. Our unemployment Compensation rate is 2.7% which is also shown on the bottom of the payroll sheet along with the 1½% the Amador Mining Company must pay into Social Security taxes.

Industrial Accident	166.37
Unemp. Comp.--March	41.74
Sosial Security-March	23.19

11. Other

License fee for dump truck	56.15
	9888.68

COPY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	1145.80	1025.10	2170.90			
5. Supervision	400.00	400.00	800.00			
6. Supplies						
(a) Timber						
(b) Explosives	-0-	12.00	12.00			
(c) Repair Parts	26.34	21.80	48.14			
(d) Other	173.94	229.98	403.92			
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability Indust. Accid.	166.57	-0-	166.57			
(c) Workmen's Compensation Unemploy Comp.	41.74	38.48	80.22			
Social Security	23.19	21.38	44.57			
10. Contract Work						
11. Other (specify)						
Truck license	56.15		56.15			
Total	9888.68	2018.74	11,907.42			
Deletions						
Adjusted totals						
Totals previously reported	✓	✓	✓			
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project. all

FOR GOVERNMENT USE ONLY

Checked by W R Lee
Entered by
Approved by Horace T. Reno
Amount approved for payment $45440.30
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF March, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1545.30	7775.15	200.28	136.15	9657.38					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Unemploy. Comp.										
F. U. Sec.	64.95				64.95					
Ind. Accident	165.37				165.37					
Totals	1777.10	7775.10	200.28	136.15	9888.63					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 215

Name of Operator AMADOR MINING COMPANY
Docket No. DMA 2013
Total Contract Amount $ 72,190.00
Government Participation: % 50 Amount, $ 36,095.00
Distribution of Expenditures for Month of February, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 25 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in ~~quadruplicate~~ 6 prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Amador Mining Company
(Name of Company)

By Emerill A. Christman
(Signature of Authorized Official)

March 3, 1952
(Date)

Vice President
(Title)

NOTE.—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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	5977.50		5977.50			
(b) Rented[2]	143.50		143.50			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations	150.00		150.00			

AMADOR MINING COMPANY

Monthly Summary Cost Statement
February, 1952

2. Operating Equipment		
(a.) Purchased		
G. M. 671, Diesel Engine	$4000.00	
200 H. P. Generator	1750.00	
Snow Plow	227.50	$5977.50
(b.) Rented		
Bulldozer	$120.00	
Truck	20.00	
Typewriter	3.50	$ 143.50
3. Rehabilitation & Repairs		
(c.) Installations		
Lift room timbers, replacement	$150.00	$ 150.00
6. Supplies		
(c.) Repairs		
Snow Plow	$ 43.80	
Air Compressor	21.80	$ 65.60
(d.) Other		
Supplies		
"	$ 9.00	
"	4.42	
"	24.68	
"	4.84	
"	43.26	
"	5.25	
"	1.60	
"	2.05	
"	2.16	$ 97.26
8. Transportation		
Gas & Oil	$ 7.25	
"	11.56	
"	13.14	
"	5.05	
"	5.40	
"	20.41	
"	5.60	
"	20.17	
"	2.86	
"	4.20	
Tires	50.00	
	145.64	$ 145.64

COPY

Amador Mining Company

List of material used-obtained from property of Amador Mining Co.

Portal:

16 posts--------7'x8"
8 Caps---------6' x 8"
16 Girts--------4½' x 6"
80 pcs. split lagging 5' x 6"
This was used in 8 sets in Portal

Shaft (Collar Set)

2 pcs. 9' x 10" x 12" Dimension
2 pcs. 7' x 10" x 12" "

Shaft (1st set)

2 pcs. 9' x 10" x 10" "
2 pcs. 7' x 10" x 10" "

Gallow Frame

Ground Sills

2 pcs. 20' x 10" x 12" "

timbers for uprights

2pcs. 35' x 13"

3 poles--35' x18" purchased, (bills are attached elsewhere)

COPY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	1084.96		1084.96			
5. Supervision	400.00		400.00			
6. Supplies						
(a) Timber						
(b) Explosives	12.00		12.00			
(c) Repair Parts	65.60		65.60			
(d) Other	97.26		97.26			
7. Power						
8. Transportation	142.51		142.51			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
	8073.33					
Total	8218.97		8218.97			
Deletions	-0-		-0-			
Adjusted totals	8218.97		8218.97			
Totals previously reported	-0-		-0-			
Totals to date	8218.97		8218.97			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project. -all

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Horace T. Pence
Amount approved for payment
Remarks

8218.97
8073.33
145.64 due

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF February, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1484.96	5750.00	616.51		7851.47					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails		367.50			367.50					
Test pits										
Other (specify)										
Totals	1484.96	6117.50	616.51		8218.97					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Com 700

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

PROJECT SUMMARY REPORT

By: F. L. Knouse May 13, 1954

1. Docket No. DMEA-2013 (Copper)
   Contract No. Idm-E215
   Property - The Amador Mine, comprised of the following patented claims: Eureka, Ethel, Amador, Forty Nine, Buckhorn, Iron Cap, and the Eclipse unpatented claim, in the Cedar Mining District, Lolo National Forest, Sections 34 and 35, T. 15 N., R. 26 W., 12 miles southwest of Superior, Montana. The property is also described as being in approximate section 28, T. 16 N., R. 27 W. on Cedar Creek.

   Operator - The Amador Mining Company
   P. O. Box 118, Missoula, Montana

   Operator's Property Rights - Sole owner

2. Contract dated November 30, 1951

   Work authorized -

   The essential work to be done under this contract was preparation of an existing building for housing the crew and power plant, underground head frame repairs, hoist installation, rehabilitation and unwatering of a shaft and underground workings, followed by drifting, crosscutting and drilling if the formation encountered, after rehabilitation was completed, indicated the possibility of discovering additional ore.

   The following summarizes the work authorized and completed under the terms of the contract:

	Authorized	Completed
Preparation existing building for crew quarters and power plant installation	Yes	Yes
Rehabilitate adit portal and underground hoist room, install hoist with accessories and shaft collar set	Yes	Yes

	Authorized	Completed
Dewater and rehabilitate shaft to 700-foot level (601.5 feet)	Yes	Yes
Rehabilitate about 950 feet of workings 400-foot level for geological study and sampling	Yes	Yes
400-foot level - drive 250-foot drift and 250 feet of crosscut	Yes	None
1300 feet of diamond drilling 400-foot level	Yes	None
Rehabilitate approximately 1100-feet of workings 700-foot level for geological study and sampling	Yes	Yes

No unit cost for any of the work completed is available. The shaft and all the workings except a winze below the 400-foot level were unwatered, mapped and encouraging mineral exposures sampled.

Total cost	$72,190.00
Government participation at 50%	36,095.00

There was no production from the project area during the life of the contract and no production figures were furnished in any of the reports on this project.

Actual work under the Exploration Project Contract was started on February 1, 1952, recessed during April and part of May because of soft roads, resumed May 15 and continued until the contract was terminated on September 3, 1952. Work was stopped by mutual consent after the mine was unwatered and examined, before half of the funds in the contract were expended, as geological conditions indicated that further work was not justified.

3. Audit Certificate - dated November 18, 1953

Total cost as billed by contractor	$32,101.51
Less salvage proceeds on property	6,953.57
Net cost claimed	$25,147.94
Exceptions	342.40
Total accepted cost	$24,805.54
Government participation at 50%	12,402.77

4. Certification - None

5. Comments -

The Field Team reported that the Operator was hampered by lack of adequate financing, but as a whole the project was marked by expert, efficient management. The work was accomplished by young inexperienced mining men for a cost and in a manner which would be a credit to some of the better mining companies.

The project was established to verify the existence of the ore reserves reported by Mr. Paul Billingsley in 1915 and to map, sample and study the relationship of the Amador Vein to a large surface cropping siderite vein containing copper mineralization.

The Amador vein is a roughly east-west striking fissure dipping about 60 degrees to the south and cuts across steeply dipping slates, argillites and quartzite beds of pre-Cambrian Age. In its eastern extension the vein frays out into a discontinuous weak structure and contains only weak and "lensy" mineralization. The vein ranges in width from a few inches to about eight feet. Its filling is predominantly calcite and sulphides, where present, are pyrite, chalcopyrite and bornite in the order of their relative abundance.

The mineralization on the bottom level (700-foot level) is weak and no ore at current prices was found there. Practically all the ore reported by Billingsley was mined prior to this project.

The Field Team stated that although this exploration project must be considered completed, the property described under this contract and adjacent blocks of ground may warrant further exploration in the future. However, an entirely different type of program, in that event, would be involved.

The Field Team further stated that it is possible that ore bodies similar to the Amador vein may be found elsewhere in this region, but considering the grade of 4.04 percent copper estimated by Billingsley, for ore in the Amador vein and the character of similar veins in the region, the ore bodies to be searched for might be expected to be marginal or submarginal ore at present prices [January 2, 1953, Field Team report].

The Field Team's final report was submitted to Washington on January 7, 1953, and the Field Team forwarded the report of I. G. Irving, dated August 21, 1952, which they had accepted as the Operator's final report, to Washington with their letter of February 17, 1953. At that time the Field Team stated they would, in addition to the report of Mr. Irving, expect the Operator to submit further information on the disposal of jointly-owned equipment and machinery before the contract was closed out.

The contract was terminated by mutual agreement of the Operator and the Government on September 3, 1952. Afterward, on May 4, 1953, an Amendment to Termination Agreement was executed by the Executive Officer, Region II, and the Operator, providing that the salary of one foreman at $450.00 a month for 7 months from 2/1/52 to 8/31/52, amounting in all to $2,197.50, as an allowable cost under the contract.

Following release of the Audit Certificate, dated November 18, 1953, the Executive Officer, Region II, on December 8, 1953, advised the Operator that the DMEA auditor approved payment in the amount of $12,402.77, whereas the records of the certifying officer showed that a total of $12,942.22 was paid to the Operator on this contract. The Operator was requested to submit a check in the amount of $539.45 in final settlement of the exploration contract so that the books might be closed.

As of this writing, the above accounting matter has not been concluded.

F. L. Knouse

F. L. Knouse

FLKnouse:foc
5-13-54
cc to: Docket (original)
Admr. Reading File
Mr. Knouse
Code 700

☒ Audited

☐ Certified No.

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12/7/54
Incl. Voucher for August 1952

☒ Actual Cost

☐ Agreed Unit Costs

Name Amador Mining Company

Docket No. 2013

State Montana

Commodity Copper

Idm-E No. 215

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	1000'	15,850.00	—	—	
Raising					
Shafts					
Winzes					
Drilling (Specify) Diamond Core	1300	45550.00	—	—	
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased		17533.60		14335.04	7381.47 *
Surface Rehabilitation & Repairs		548.60			
Underground Rehabilitation		28532.80		17188.32 **	17188.32
New Building, Improvements, etc.		5175.00		235.75	235.75
Other (Specify)					
Totals		$ 72,190.00		$ 31,759.11	$ 24,805.54 *

** Distributed to completed cost of Underground rehabilitation:

Labor & Supervision. ---	$11193.90
Operating Mat. & Supplies ---	3153.31
" Equipment rental ---	875.00
" " repairs ---	759.06
Payroll Taxes ---	470.14
Industrial Insurance ---	736.91
	$ 17,188.32 **

* Salvage proceeds from sale of equipment & supplies $6953.57

Prepared by F M Murphy

71626

February 11, 1955

Memorandum

To: Jay L. Chambers, Chief
Contract Adm. & Audit Division

From: Ernest M. Ellis, Chief
Base & Miscellaneous Metals Division

Subject: Completed contracts - no discovery made

We have checked the attached list of contracts prepared by Mrs. Alley of your Division. It is not our intention to write "completion" letters to the operators on these particular contracts, although in each instance the exploration work was unsuccessful, for the reason that the work was completed sometime prior to the adoption of the procedure to prepare final letters to the operators.

/s/ Ernest M. Ellis

1-26-55

Lead and Miscellaneous Metals
Completed contracts on which certification or a closing letter of no discovery has not been issued.

Docket No.	Contract No.	Operator
1131	104	Sierra Copper Company
1324	108	Manley J. Gold and Joe Gold
1514	112	Maravillas Minerals Company
1348	123	Elkhorn Mining Company
979	132	U. S. A. Antimony
1215	142	Compton L. White
1660	148	Tacer Venanson
1535	169	Columbia Mining Company
2013	215	Amador Mining Company
527	232	Yucca Mining & Milling Co.
1429	269	J. Walter Duncan, Jr.
1232	276	Alaska Copper Corporation

xxxxxx xxxxxxxxxxx
No. 157 Howard Street
Spokane 4, Washington

January 13, 1955

Mr. Thomas A. Robinson
District Director
Office of the Director of Internal Revenue
U. S. Treasury Department
Helena, Montana

Re: Docket No. [illegible]-2013 (copper)
Amador Mining Company
Mineral County, Montana
Contract No. [illegible]-215

Dear Mr. Robinson:

Reference is made to "Warrant for Distraint" and "Notice of [illegible]" issued by you and received in this office by registered [illegible] 2, 1955. The "Warrant" and "Levy" were served on the [illegible] Box 115, Missoula, Montana, for non-payment of Withholding-Employment Tax in the amount of $1,212.1[illegible], which includes interest and penalty charge.

A final audit of the account of the Amador Mining Company for exploration done at its property under a contract with the Defense Minerals Exploration Administration has been made, and it has been determined that a final payment of $731.[illegible] is properly payable to the Operator. In view of the lien pending against the company, we are withholding the sum of $731.[illegible] due the Operator for such action as the Bureau of Internal Revenue deems appropriate. We have scheduled this sum with our disbursing office in Portland [illegible] having the check made payable to the Bureau of Internal Revenue. It is being returned to us. We will await word from you before taking any further action.

Sincerely yours,

A. [illegible] Weissborn
Executive Officer, [illegible]
Field Team, Region [illegible]

cc: [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25~~
1201 N. Division Street
Spokane 2, Washington
May 13, 1954

Air Mail

Mr. Jay L. Chambers, Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Idm-E215, DMEA-2013
and
Idm-E251, DMA-1175
Amador Mining Company

Dear Mr. Chambers:

I have reference to your letter of May 11, 1954, wherein you have requested information regarding an overpayment on the Amador Mining Co., contract Idm-E215, in the amount of $539.45.

The Certifying Officer collected this amount due the Government by deducting $539.45 from the amount due on the Amador Mining Company contract Idm-E251, January MF-104, which amounted to $609.60. It was not deducted directly on the MF-104 form but was deducted on Standard Form No. 1034, "Public Voucher for purchases and services other than personal". Photostatic copies of these forms are enclosed for your convenience.

Yours very truly,

C. A. Turner, Auditor

Enclosure

Talbert
Asander

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

MAY 11 1954

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Subj.: Idm-E215, DMEA-2013
and
Idm-E251, DMA-1175
Asander Mining Company

Dear Mr. Turner:

According to the records of this office there is due from the subject Operator the sum of $539.45, which is the excess of the total amount ($12,942.22) paid by the Government over the amount ($12,402.77) certified as valid and proper for payment on the Audit Certificate issued by you on November 18, 1953 covering the final audit of contract Idm-E215.

Mr. Brekhus is under the impression that the collection of $539.45 had been effected by offset in the payment of one of the Forms MF-104 applicable to contract Idm-E251 prior to March 26, 1954, when he made an interim audit of that contract. However, none of the copies of the Forms MF-104 applicable to contract Idm-E251, as received by this Division, indicate such an offset. Possibly it was, or will be, made in the payment of the February, 1954 MF-104, a copy of which has not as yet been received by this Division.

Please check into this matter and advise me as to the specific MF-104, on which this offset was made, giving the net amount actually paid to the Operator. In the event that such offset has not been effected and the February, 1954 MF-104 has not been paid, the Certifying Officer should be requested to make a deduction of the $539.45 from the amount otherwise due the Operator on that MF-104.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/wb
May 11, 1954

Copy to: Docket
Admr. Reading File
Mr. Ellis
Mr. Chambers

R.C.B.

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

[illegible]
Room 357 Power Bldg.
Spokane 4, Washington

[illegible]
Received
[illegible] 1953

December 8, 1953

Taylor Mining Company
P. O. Box 133
Missoula, Montana

Re: Contract No. [illegible] (Copper)
Taylor Mining Company
Mineral County, Montana
Contract No. [illegible] (Terminated)

Gentlemen:

I am enclosing a copy of an audit report and audit certificate dated November 18, 1953, covering the DMEA exploration contract No. [illegible] on the Taylor Mine, Mineral County, Montana. You will note that Mr. C. A. Turner, our auditor, approved payment in the amount of $[illegible].77.

The records of our contracting officer show that a total of $[illegible] has been paid to you on this contract. The difference represents credits due to salvage proceeds on jointly-owned equipment and the result of a deduction of $[illegible] which is explained in the audit report. To avoid appearance receiving your check in the amount of $[illegible] in final settlement of the exploration contract so that items on this contract can be closed.

Sincerely yours,

[illegible]
Executive Director, DMEA
Field Area, Region [illegible]

Enclosures

3/19/54
Anne Alley - Contract Div.
not pd. yet. gla.

cc: DMEA (2)
Cont. Adm. & Aud. Div., D. C.
USBM (2)
Turner
Hindman

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

DEPARTMENT OF THE INTERIOR
Lands Administration
RECEIVED
DEC 7 1953

1201 N. Division St.
Spokane 2, Washington
December 3, 1953

Mr. James F. Charlton
Amador Mining Company
Box 118
Missoula, Montana

Subject: Amador Mining Company
Mineral County, Montana
Docket No. DMEA 2013 (copper)
Contract Idm-E215

Dear Mr. Charlton:

The final audit on the subject contract has been completed.

It has been determined that in addition to funds withheld on the last MF-104 you submitted under the contract, the amount of $539.45 is due the Government for its equity in equipment purchased under the contract.

It is our understanding that you have offered to purchase the Government's equity in this equipment. As soon as your check in the above amount, payable to the Treasurer of the United States, is received the equipment can be released to you and the contract closed.

By Field Team, Region II

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

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

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

FILE COPY
SURNAME:
800

Talbert
Chambers

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

NOV 24 1953

Mr. C. A. Turner
DMA Auditor
1201 N. Division Street
Spokane 2, Washington

Re: Idm-5215, DMA-2013
Amador Mining Company
Mineral County, Montana

Dear Mr. Turner:

Receipt is acknowledged of the Washington copies of the Audit Certificate and Audit Report covering the referenced Exploration Project Contract as transmitted by your letter of November 20, 1953.

One small typographical error should be corrected after which normal distribution may be effected. On page 2 in the last sentence of the first paragraph under title III, change the word "cash" to "cost".

One further comment for consideration in future audits where you have a similar situation follows. It is noted that you were unable to separate the costs between Stages II, III, and IV and have considered them all as Stage II. You should have included a statement to this effect in the opening paragraph of title III.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/ama
November 24, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.C.G.
11-24-53

Mr Krause, DMEA
Rm 4640

Buck:

Re DMEA 2013 Amador Mining Co.

It seems to me it would be desirable to obtain a copy of the Irving report referred to in the Final Report by Wallace and Reno, 1/10/52, for which you asked in the Op. Com. letter to Weissenborn 2/4/53. Maybe it is too late, but I should think it worth a try, as the project is still in process of liquidating.

GMJ 8/11/53

8-12-53

Report is in file - advised Charles Johnson accordingly - he will come up to review report to determine if he desires it copied for permanent record of U.S. Bureau.

FFC

7/23/53 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 22 1953

1201 N. Division St.
Spokane 2, Washington
July 20, 1953

VIA AIR MAIL

Mr. Frank E. Johnson
Deputy Administrator, DMEA
Department of the Interior
Washington 25, D. C.

Subject: Docket No. DMEA 2013 (copper)
Contract No. Idm-E215
Amador Mining Company

Dear Mr. Johnson:

This is in reply to your teletype of July 17, 1953, regarding the subject docket.

We are informed by the Miller Machinery Company, from whom Amador Mining Company purchased most of their equipment, that their account on July 1, 1953 showed a debit balance of $134.02.

one need.

Attached are two ozalid copies of a letter from the Amador Mining Company listing the equipment and supplies remaining at the termination of the contract, together with two copies of an inventory prepared by H. T. Reno, U. S. Bureau of Mines, at the close of the project. Indicated on the lists are the original price, the sale price of those items which have been sold, and the amount bid by the Amador Mining Company for the remaining items. The Operator's list has been checked and it is accurate. OK Sch.

one need.

As the Operator has made every effort to sell the equipment we had intended to accept his offer and to waive the Government's interest in the snow plow and remaining No. 8 covered wire. The equipment was used very little and is probably worth more than was bid. However, as advertising in the Engineering and Mining Journal and in newspapers published in Wallace and Salmon, Idaho, failed to get results and the Miller Machinery Company, with whom the equipment was placed on consignment, was unable to sell it, we believe the offer should be accepted.

In answer to your question regarding Docket No. DMEA 1175, Kootenay Copper Mines, Inc., there are no unpaid vouchers. At the time the last voucher was submitted we believed the project would continue.

By Field Team, Region II

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

J. J. Quinlan, Acting Member
U. S. Geological Survey

Enclosures

AMADOR MINING COMPANY

BOX 118 - MISSOULA, MONTANA

JAMES F. CHARLTON, President

MERRILL H. CHRISTMAN, Vice President

Hennek

US 95

July 10, 1953

Mr. A. E. Weissenborn
South 157 Howard St.
Spokane 4, Washington.

Dear Sir:

We are enclosing a list of all items that have been sold by the Amador Mining Company and listing the amounts received for each, all of which have been approved by your Offices. Since we have tried repeatedly to sell the other items through advertisements in newspapers and national publications, and have been unable to sell them, we would therefore like to submit a bid for the DMEA's interest in these items and close out this loan.

Check against Reno Inventory attached Check OK

	ITEMS SOLD	Sale price	DMEA equity.
1.	2-12"x50' lengths Bemis Flexipipe	$ 72.20	$ 36.10
2.	350' No. 3 cond. No. 8 covered wire	154.00	77.00
3.	233' No. 3 cond. No. 8 covered wire	102.52	51.26
4.	30' No. 3 cond. No. 8 covered wire	13.20	6.60
5.	50' No. 3 cond. No. 8 covered wire	22.00	11.00
6.	44' No. 3 cond. No. 12 covered wire	19.36	9.68
7.	1-2" C-25-H.P. 3500 RPM, 3/60/440 Pacific LV unitype centrifugal pump.	505.45	252.73
8.	14-50' lengths, flexipipe	451.20	225.60
9.	14-16" suspension collars, (see not salvagable columun.)		
10.	2-16" flexipipe tees	29.50	14.75
11.	2-16" flexipipe elbows 90 degrees	20.42	10.21
12.	3-16" to 12" reducers, flexipipe	45.02	22.51
13.	1 coppus TM-8 ventair blower	384.00	192.00
14.	671 GM Deisel Engine	2000.00	1000.00
15.	700' - 6" aluminum pipe & fittings	307.00	153.50
16.	XXXXX 1-5KVA GE Type H oil transformer	48.00	24.00
		$ 4173.87	2086.94

663 — 291.72

The following items listed are still on inventory and in storage being held for sale. We would like to submit a bid for these items to close out the DMEA loan.

		AMADOR BID	DMEA SHARE
1.	V-Drive 1-12" dia. 12 grove c-section sheave	50.00	$ 25.00
2.	2-24" dia. 12 grove c-section sheave	175.00	87.50
3.	12 CL 58s matched V-belts	90.00	45.00
4.	1-size 2, magnetic starter	25.00	12.50

AMADOR MINING COMPANY

BOX 118 - MISSOULA, MONTANA

JAMES F. CHARLTON, President

MERRILL H. CHRISTMAN, Vice President

(letter A. E. Weissenborn. page 2.)

	Items listed	Amador Bid	DMEA share
5.	1-size 2 magnetic starter	$ 25.00	$ 12.50
6.	3-size 2 magnetic starter	90.00	45.00
7.	1-200A, 600v, 3 fuse disconnect	25.00	12.50
8.	1-60 A, 600v, 3 fuse disconnect	10.00	5.00
9.	1-200A, 600v, 3 fuse disconnect	25.00	12.50
10.	190' No. 1, 3 cond. 600v cable	140.00	70.00
11.	2-2" C-20 HP, unitype centrifugal pump.	700.00	224.00
12.	900' 3/4 inch 6x19 hoisting cable	150.00	75.00
13.	1-200 KVA 440v, GE Generator	1750.00	875.00
	Total	$ 3255.00	$ 1501.50

The following list of items include expendable supplies and some equipment which cannot be sold. We therefore request that the Government delete these items from there inventory.

1. Snow Plow. (This item was not salvagable. This plow was so badly worn that no offer could be secured for it.) $ 227.50

2. Approximately 900' No. 3 cond. No. 8 covered wire. (This item not salvagable due to splices, weather checks, cuts and etc.) @ 65/100' $ 585.00

3. 14-16" suspension collars (Non-salvagable-were left in mine.) 38.50

851.00

The items sold above brought a total credit to the DMEA of $ 2086.94, and the DMEA ½ of the bid submitted by the Amador Mining Company for the remaining items is $ 1501.50. The total of the two items are $3588.44.

The Amador Mining Company has a credit with the DMEA of $ 5740.32, one half of which is $ 2870.16. The difference between the two figures is $ 718.28. Therefore the Amador Mining Company would like to make a bid of $ 720.00 for the DMEA equity in the remaining pieces of equipment. If this figure is acceptable to your offices, this Company will render a payment for that amount.

Sincerely Yours,

James F. Charlton

James F. Charlton, Pres.
Amador Mining Company

3588.44
2870.16
718.28

Contract Idm-F214
Amador Mining Company

Non-expendable Supplies & Equipment Purchased Blue Sold

		Purchase Price	Red Amador Bid	Amt. Contributed by Government
2 pcs.	12" x 50' lengths Bomis Flexipipe	894.80	72.20	47.40
400'	No. 3 Conductor No. 8 covered wire	266.00	291.72	130.00
800'	No. 3 Conductor No. 8 covered wire	520.00		260.00
	V-Drive			
	1-12" Dia 12 groove C-section sheave	85.80	50-	42.90
	2-24" Dia 12 groove C-section sheave	297.90	175-	148.95
	12-C158 S Matched Super V-Belts	157.92	90-	78.96
1	Record Size II Magnetic Starter	41.00	25-	20.50
1	Record Size II Magnetic Starter	41.00	25-	20.50
3	Record Size II Magnetic Starter	157.50	90-	78.75
1	Record 200A 600V 3ϕ Fused Disconnect	47.00	25-	23.50
1	Record 60A 600V 3ϕ Fused Disconnect	16.00	10-	8.00
1	Record 200A 600V 3ϕ Fused Disconnect	47.00	25-	23.50
1	5 KVA 480/240--120 G.E. Oil Transformer Type H Form KF Serial #5198457	60.00	48.00	30.00
190 ft.	No. 1 -3-cond. 600 v Neoprene Electric Cable	237.50	140-	118.75
190 ft.	No. 12 3-cond. 600 v Rubber Electric cable	13.11	19.36	6.56
240 ft.	No. 10 3-cond 600v Rubber Electric cable	23.52		11.76
2	2" C 20 HP 3500 rpm 3/60/440 Pacific LV Unitype centrifugal pumps with 8" impellers	1246.00	700-	400.00
1	2" C 25 HP 3500 rpm 3/60/440 Pacific LV Unitype centrifugal pump with 9" impeller	822.00	505.45	411.00
14	50 ft. lengths 16" Flexipipe with sewed in couplings	840.00	451.20	420.00
14	16" Suspension collars	38.50	out	19.25
2	16" Flexipipe Tees with sewed in couplings	46.10	29.50	23.05
2	16" Flexipipe Elbows 90° with sewed in couplings	31.90	20.42	15.95
3	16" to 12" Reducers with sewed in couplings	70.35	45.02	35.17
1	Model 6091C, Serial No. 6-21443 Motor No. 671-161758 GM diesel engine	4000.00	2000-	2000.00
1	Snow Plow	227.50	out	113.75
1	Coppus TM 8 Ventair Blower with UB 15 HP 3600 rpm motor and 16" beaded diffuser outlet	565	384-	282.50

65/100
663
663
65
3315
3978
43095

1355

			Amador Bid
		forward	1,355
900'	3/4" 6x19 Union Formed I.P. F.G. Reg. lay Right lay Hoisting cable	285.30	142.65
1	200 KW 900 rpm 3/60/480 volt GE Type ATB Generator	3500.00	1750.00
	Aluminum Pipe & Fittings	621.55	310.78
		3,255	
	Total	$14,394.85	$8,974.13

Items Amador wishes to buy

Purchase Price	Amador Bid
85.80	
297.90	
157.92	
41.—	
41.—	
157.50	
47.—	
16.—	
47.—	
237.50	
1,246.—	
285.30	
3,500.—	
6,159.92	3,255.—

53% dep = 47%

Calculate depreciation — Date contract 10/30/51
now 8/1/53

21 mos. $\frac{21}{60} \times 6160$ 6,160 2,157

$\frac{21}{60}$ = 35% dep.

Approx. Theoretical value 4003
Amador Bid 3,255
Gain 748

To determine % depreciation

Items Sold

Purchase	Sold
94.80	72.20
430.95	291.72
60.—	48.—
13.11	19.36 wrong
822.—	565.45
840.—	451.20
46.10	29.50
31.90	20.42
70.35	45.02
4000.—	2000.—
565.—	384.—
621.55	307.—
7,582.65	4154.51 %
	55% dep = 45%
13.11	19.36
7,595.76	4173.87

Notes by Sch.

FILE COPY
SURNAME:

Docket.
Ellis
Kane
Brittain
Johnson

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

5295

1hX3923.970 Working Fund, DMEA, Interior
July 17, 1953

A. W. MEISSENBORN, EXECUTIVE OFFICER, DMEA FIELD TEAM,
REGION II, SIXTH 157 HOWARD STREET, SPOKANE, WASHINGTON

ADVISE WHETHER AVADOR MINING COMPANY DMEA-2013 COMPLETED PAYMENTS
FOR EQUIPMENT PURCHASED. SEND LIST EQUIPMENT AND SUPPLIES REMAINING
AND PRESENT VALUE. ARE THERE ANY U PAID VOUCHERS UNDER KOOTENAY
COPPER MINES DMA-1175X ?

Signed by FRANK E. JOHNSON, ACTING ADMINISTRATOR
C. O. MITTLEDORF, ADMINISTRATOR

EWEllis/db
7/16/53
cc to: Adm. Reading File
Docket
Messrs: Ellis (2 copies)
Kane (1 copy)
Confirmation sent to Region II

R.C.G.
7-17-53

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

July 16, 1953

RECEIVED
JUL 17 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Memorandum

To: Chief Counsel

From: Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

Subject: Transfer of Kootenay Copper Mines, Inc. Contract No. Idm-E251 (Docket DMA-1175X) to Amador Mining Company, formerly under Docket No. DMEA-2013, Contract No. Idm-E215

The Amador Mining Company, Contract No. Idm-E215, was terminated by mutual agreement on September 3, 1952. The exploration resulted in no discovery. However, some equipment, in which the Government has an equity, remains to be disposed of.

The Kootenay Copper Mines, Inc., Contract No. Idm-E251, expired on February 4, 1953, and here, too, some equipment or supplies in which the Government has an equity remain to be disposed of.

The Kootenay Copper Mines, Inc. holds a lease on the property under the exploration contract, from the Green Mountain Mining Company, whose address is 219 Radio Central Building, Missoula, Montana. By executed agreement, dated June 12, 1953, the Kootenay Copper Mines, Inc. agrees to transfer its property to the Amador Mining Company, and by assignment, dated June 11, 1953, of its exploration project contract proposes to transfer the Kootenay Copper Mines, Inc. contract (Idm-E251) to the Amador Mining Company and submits said proposed assignment for approval by DMEA.

If such approval is granted, the Amador Mining Company, who has an excellent mining reputation, will continue to operate the Kootenay Copper Mines under Contract No. Idm-E251 and will also make use of equipment and supplies remaining under both contracts.

The Field Team, Region II, strongly recommends that this assignment be agreed to. The salient points of such an arrangement, it seems to me, would be the following:

(1) If you agree with this transfer, kindly so state. You will note a space is provided for the approval of the Government at the bottom of the executed "Assignment of Exploration Project Contract" dated June 11, 1953.

(2) An amendment should be made to the Kootenay Copper Mines, Inc., Contract No. Idm-E251, extending the time of said contract an additional 12 months, or until February 4, 1954.

(3) An agreement should be drawn up permitting the Amador Mining Company, Contract No. Idm-E215, to transfer all of the equipment and supplies remaining under that contract to the property of the Kootenay Copper Mines, Inc.

I believe it is in the best interest of the Government to agree to the transfer if you find that the documents submitted are in order. In this way, in addition to making use of the equipment and supplies remaining from both companies, there is a good chance that the better operating company may strike ore, thus resulting in success to at least one of the two projects. Apparently, according to the Operator's monthly report and voucher for September, 1952, there are sufficient funds to complete the Kootenay Copper Mines contract.

Ernest Wm. Ellis

Ernest Wm. Ellis

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
MAY 18 1953

May 14, 1953

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

Re: Docket No. DMEA-2013 (Copper)
Amador Mining Company
Mineral County, Montana
Contract No. Idm-E215

Dear Mr. Selfridge:

Attached are the original and two signed copies of an Amendment to Termination Agreement to the subject property.

A copy of this Amendment to Termination Agreement has been retained by the Operator, a copy is being retained for our files, and by a carbon copy of this letter we are distributing the Finance Officers copy.

Sincerely yours,

A. E. Weissenborn

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

Attachment

cc: Finance Officer w/encl.
USBM (2)
Hobbs

Coe
5/18

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

May 8, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 11 1953

Amador Mining Company, Inc.
Box 118
Missoula, Montana

Re: Docket No. DMEA-2013 (Copper)
Amador Mining Company
Mineral County, Montana
Contract Idm-E215

Gentlemen:

Enclosed is "Amendment to Termination Agreement" which has been drawn up in our Washington office as a result of your visit to this office of some weeks ago. Your signing of the amendment will make it allowable for the Government to participate in the costs of the supervisor's salary which was deleted in the final audit.

If this meets with your approval, please have an authorized official of your company sign all copies, retain that copy marked "Operator's Copy" for your files, and return the remaining copies to this office for further distribution.

Sincerely yours,

Harold Kirkemo
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: DMEA (2)
USBM (2)
Hosterman

5/12/53 gla

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

1201 North Division Street
Spokane 2, Washington

May 1, 1953

Amador Mining Company
P. O. Box 113
Missoula, Montana

Attention: Mr. James F. Charlton, Pres.

Subject: Docket No. DMEA 2013
Contract Ida-4215

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 11 1953

Dear Mr. Charlton:

This is to inform you that the prices obtained for jointly-owned equipment as shown in your letter of April 22, 1953, and in the listing below are agreeable to the Government.

700 ft. 6" aluminum pipe with fittings	$307.00
1 - 2" C 25 HP, 3500 RPM, 3/60/440 V Pacific Unity VE Centrifugal Pump with 9" Impeller, Ser. No. DTP15907	$505.45
44 ft. #12 3-conductor RC Cable at .44	$ 19.36

It will be appreciated if you can furnish us a list of all items of non-expendable supplies and equipment liquidated to date and the amount received for each item. In checking our records of disposed items against the inventory list, a copy of which was supplied you with our letter of September 23, 1952, it would appear that a few items are not accounted for.

We will be glad to furnish you a copy of Mr. Turner's audit report when it is completed. It cannot be finished, however, until proper disposal of all remaining jointly-owned property is completed.

Sincerely yours,

L. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

LEV/vf

cc: Wash. 2
USGS 2
DMEA
A/D
D/F

FILE COPY
SURNAME:

140

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

APR 28 1953

AEKane
Butler
JLHofflund
Ellis
Thayer
Selfridge
Hedges
Mattendorf

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

Re: Docket No. DMEA-2013 ~~(Copper)~~
Amador Mining Company
Mineral County, Montana
Contract No. Idm-E215

Dear Mr. Weissenborn:

Reference is made to your letter of March 13 to the Chairman of the Operating Committee, in the above entitled matter and to the Chief Counsel's memorandum to the Administrator dated April 3, 1953, a copy of which is enclosed herewith.

We enclose herewith an original and five copies of an Amendment to Termination Agreement dated September 3, 1952, which should be signed by the Operator and Executive Officer, and when signed the copies should be distributed in the usual manner.

Please fill in the blanks in this Amendment as the exact information is not available in this office.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

AEKane/ema/4-22-53

cc: Mails and Files
Adm. R. File
Op. Comm.
Mr. Thayer
Mr. Hedges
Mr. Ellis
AEKane
JLHofflund
Chron.
Pending

Approved:

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

A. R. Kinkel, Jr. (JHB)
Member, Geological Survey

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

800

APR 28 1953

AIR MAIL

Mr. Robert M. Hall
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Dear Bob:

Reference is made to my letter of April 27, 1953, in which I cited Contract Idm-E30, Docket 946, Western Montana Exploration Development Company, and advised that the General Counsel was preparing an amendment to the termination agreement of this contract. This citation should have been Contract Idm-E215, Docket 2013, Amador Mining Company. In the case of the Western Montana Exploration Development Company, neither the General Counsel nor the Operating Committee so far as I am aware has under consideration an amendment to the Western Montana contract.

The General Counsel approved my letter of April 3 addressed to you in which I stated that "unless the Field Team can show that it authorized the substitution of raising for drilling prior to the actual date of such work, **** that a disallowance will have to be made.

Again referring to your letter of April 14, it is not the Audit Division's responsibility to ask the Operating Committee to justify an amendment made by a Field Team. If the Executive Officer in Region II believes that further justification of Amendment No. 8 is unnecessary or has decided not to refer the matter to the Operating Committee or the General Counsel for assistance, it appears that you have no alternative in the preparation of your audit report but to show a disallowance for the item under question.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

JLChambers/wb
April 28, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

4/27/53 glc
4/30/53

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

Spokane 2, Washington
April 17, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 20 1953

Mr. George C. Selfridge, Chairman
Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Subject: Docket No. DMEA 2013 (copper)
Amador Mining Company
Mineral County, Montana
Contract Idm-E215

Dear Mr. Selfridge:

Reference is made to your letter of April 6, 1953, to Mr. Weissenborn, discussing our letter of March 11 to the Miller Machinery Company concerning disposal of certain jointly-owned items of equipment purchased under the subject contract.

We were fully aware that we could not dispose of the equipment without concurrence of the Operator, and we did not intend to infer otherwise. We agree, however, that the last paragraph of our letter might have been more clearly stated. It was intended to convey only that the Miller Machinery Company was entitled to submit any bid they wished on the equipment, the bid to be submitted to the Amador Mining Company as would a bid from any other prospective purchaser. We hoped to encourage Miller Machinery Company to submit an offer for this equipment which would enable settlement and closing of the contract.

By 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

FILE COPY
SURNAME:
100
Chambers

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

April 8, 1953

Memorandum

To: Administrator

From: Jay L. Chambers, Chief
Contract Administration and Audit Division

Subject: Amador Mining Company, Contract Idm-2215, Amendment No. 2

Reference is made to the Chief Counsel's memorandum to you under date of April 3, 1953, in which he questions the validity of amending a terminated contract to allow payment for supervision.

Mr. Talbert and Mr. Turner audited this project in the early part of March at which time they disallowed a payment for supervision because the terms of the contract did not allow for this expenditure. After such determination had been made by Messrs. Talbert and Turner, it appeared that Mr. Weissenborn issued Amendment No. 2 authorizing such payment although an agreement for termination had been signed by the Government and the contractor prior to the amendment.

Attention to Amendment No. 2 was directed to the auditor in a teletype dated March 17, 1953. In the meantime I asked the Chief Counsel for his opinion on the amendment. He was in agreement that the amendment is illegal. I then wrote another letter to Mr. Turner under date of April 6, 1953, calling attention to Mr. Hoffland's opinion and requested him to call Mr. Weissenborn's attention to the fact that we had made a disallowance for this item.

The bad situation is that long before our audit the certifying officer had already paid the supervisor's salary and that Mr. Weissenborn's Amendment No. 2 was an effort to justify such payment. The Amador contract is in a very confused state. We have made additional disallowances on this project but the operator maintains that he is unable to repay the Government.

JLChambers/wb
April 8, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

FILE COPY
SURNAME:

Chambers

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

APR 6 1953

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Docket No. DMA-2013
Contract No. Ida-8315
Amador Mining Company

Dear Mr. Turner:

2.C. 4/6/53

For your advanced information I am sending you a memorandum prepared by the Office of the Chief Counsel to the Administrator, in regard to the above-cited project contract.

The main point of this memorandum stated in simple terms is that a terminated contract (otherwise a contract that does not exist) can not be amended. Since Amendment No. 2 was prepared after the contract was terminated it has no force. The third paragraph of the enclosed memorandum gives the attorney's suggestion for correcting this situation.

The question arises in my mind as to whether or not a justification can be made for an amendment which would be retroactive in a case of this kind. Therefore, I would like for you to get a copy of any actions which the Field Team may take in regard to this matter and send it directly to me as soon as it is accomplished.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Enclosure

JLChambers/wb
April 6, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

FILE COPY
SURNAME:

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

140

GEKane
Bailey
Chandler
Selfridge
Hermann
Mattson

APR 6 1953

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

Re: Docket No. DMEA-2013 (Copper)
Amador Mining Company
Mineral County, Montana
Contract No. Idm-E215

Dear Mr. Weissenborn:

Reference is made to your letter dated March 11 to Mr. O. O. Miller of the Miller Machinery Company, P.O. Box 1496, Missoula, Montana. It appears therefrom that the operator purchased certain equipment from the Miller Machinery Company, and has not fully paid for it. You suggested that one way for the Miller Machinery Company to satisfy its claim would be for that company "to make a bid for the equipment at the level you would bid in the sheriff sale which you state is your usual course of procedure for recovery of equipment in settling accounts."

We are of the opinion that you did not intend by that statement to suggest disposal of this property other than in accordance with the terms of DMEA Circular 30. However, there may be an inference here that you intend to dispose of this equipment without the concurrence of the operator. Therefore, we call your attention to the fact that this contract is written on the old Form MF-200, and under it the Operator is required to dispose of unused equipment for the joint account of the operator and the Government, and that the contract does not expressly give the Government the right to enter and take possession, remove or dispose of property in which it has an equity.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

AEKane/mef 3/31/53
cc to: Mails and Files
Admr. R. File
Op. Committee
Mr. Thayer
Mr. Hedges
Mr. Ellis
Chron.
Mr. Kane
Mr. Hofflund
Pending

800

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

March 19, 1953

Memorandum

To: Mr. F. E. Johnson
Deputy Administrator

From: Jay K. Chambers, Chief
Contract Administration and Audit Division

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1953

Subject: Amador Mining Company, DMEA Contract Idm-E215

Attached is a carbon copy of a letter prepared by the Field Team of Region II to Mr. O. O. Miller of the Miller Machinery Company, Missoula, Montana.

Please note the final paragraph of this letter by which the Field Team proposes to settle a claim of Mr. Miller's against the Operator by asking him to bid the levelhe would bid in the case of a sheriff sale. I believe this proposal is illegal. We have no right under the circumstances without full agreement of the Operator to sell the equipment to settle a claim.

Attachment

FILE COPY
SURNAME:

140

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

Office Publisher

April 3, 1953

Memorandum

To: The Administrator

From: Chief Counsel

Subject: Amador Mining Company, Docket No. DMA-2013, Contract No. Idm-E215

Reference is made to Amendment No. 2 to the subject contract, dated February 27, 1953, and executed in the field. This amendment, which provides for a foreman at $450 a month and is made effective as of November 30, 1951, was brought to our attention with a memorandum from the Rare and Miscellaneous Metals Division dated March 19, 1953, requesting advice as to its phraseology.

The file contains a termination agreement dated September 3, 1952. Therefore, I am unable to understand why this amendment dated February 27, 1953, was entered into. There is no record to indicate that the termination agreement was ever revoked. Unless there is such proof, this amendment (which is poorly and improperly phrased anyhow) is of no effect whatsoever and must be disregarded.

If this foreman actually worked since November 30, 1951, at $450 a month, and the parties intended to make provision for payment of his salary in Amendment No. 1 dated February 25, 1952, but inadvertently failed so to do, and again inadvertently forgot to make provision for this payment in the termination agreement, these facts should be recited and the termination agreement itself amended to provide for the payment.

/s/ A. E. Kane
for J. L. Hofflund
Chief Counsel

Attachment

AEKane/em
Copy to: Mails and Files
E. W. Ellis
J. L. Hofflund
A. E. Kane
chron.

Are they [illegible] for equipment this way? Supervision [illegible] after April 1952 instructions? BCL

~~[illegible]~~

~~[illegible]~~

~~[illegible]~~

~~[illegible]~~

Course of action? Presume legally OK to amend termination notice if not already revoked. Get word to certifying officer not to pay? Note that Chambers approved, perhaps, without knowledge [illegible]

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

March 19, 1953

Memorandum

To: Hazel Berry, Operating Committee

From: Grace L. Ault, Rare & Misc. Metals Division

Subject: Amendment to contract

Mr. Knouse has reviewed Amendment No. 2, dated February 27, 1953, to Contract No. Idm-E215 (DMEA-2013 Amador Mining Company) and recommends that the Legal Division review and approve the amendment as to legal phrasing. I believe Mr. Knouse talked with Mr. Kane over the phone about this matter.

Also, he recommends that the Legal Division's attention be brought to a copy of the Field Team's letter dated March 11, 1953, to Mr. O. O. Miller. For that reason, I am forwarding our Division contract file with this memorandum in order that you may bring these matters to the attention of Mr. Kane.

Grace L. Ault
Grace L. Ault

RECEIVED
MAR 27 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

FILE COPY
SURNAME:
800

Chambers

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

March 19, 1953

Memorandum

Dmea 2013

To: Mr. F. E. Johnson
Deputy Administrator

(Signed) J. L. Chambers

From: Jay L. Chambers, Chief
Contract Administration and Audit Division

Subject: Amador Mining Company, DMEA Contract Ids-E215

N.S. in F.F.
J.C. 3/19/53

Attached is a carbon copy of a letter prepared by the Field Team of Region II to Mr. O. O. Miller of the Miller Machinery Company, Missoula, Montana.

Please note the final paragraph of this letter by which the Field Team proposes to settle a claim of Mr. Miller's against the Operator by asking him to bid the levelhe would bid in the case of a sheriff sale. I believe this proposal is illegal. We have no right under the circumstances without full agreement of the Operator to sell the equipment to settle a claim.

Attachment

JLChambers/wb
March 19, 1953

Copy to: Mails & Files
Admr. Reading File
Mr. Chambers

2013

FILE COPY
SURNAME:

Talbert
Chambers

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

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS
EXPLORATION ADMINISTRATION

14X3923.771 Working Fund,
DMEA

C. 3/17/53

March 17, 1953

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

In re Audit Report on Amador Mining Co., Docket DMA-2013, Contract F215, returned by my letter of March 13, correction now required in view of Amendment No. 2 allowing wages of foreman.

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/wb
March 17, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

XXXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane, Wash.
March 17, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1953

Mr. Jay L. Chambers, Chief,
Contract Administration and Audit Division,
Defense Minerals Exploration Administration,
Interior Building,
Washington 25, D. C.

Dear Mr. Chambers:

This will acknowledge your telegram of March 17, 1953, regarding the Amador Mining Co., Docket DMA 2013, contract Idm-E215, in which you have advised correction will be required in view of Amendment No. 2 allowing wages of foreman. We have not yet received Amendment No. 2.

A corrected Audit Report and Certificate will be rendered, taking into consideration Amendment No. 2, when some disposition is made of the Government's equity in purchased equipment.

Yours very truly,

C. A. Turner
DMEA Auditor
Region II

cc:
Washington
CAT

FILE COPY
SURNAME:

800

Jackson

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

MAR 13 1953

BW

AIR MAIL

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: DMA-2013, Idm-2215
Amador Mining Company

Dear Mr. Turner:

Reference is made to your Interim Audit Report and Certificate, covering the referenced project, transmitted by your letter of March 11, 1953.

This Audit Report and Certificate is returned herewith with the suggestion that it be held in suspense pending disposition of the Government's interest in the project property. Payment of the amount certified by you as being valid and proper is not justified, since protection of the Government's contractual interests requires that sufficient funds be withheld to guarantee the disposition of the property in accordance with Article 16 of the contract.

After disposition of the Government's equity in the property has been effected, the Audit Report and Certificate should be corrected and re-submitted as a final audit.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

B.N.
3/13/53

Enclosure

JLChambers/wb
March 13/1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

amend.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

March 13, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1953

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

Re: Docket No. DMEA-2013 (Copper)
Amador Mining Company
Contract Idm-E215

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 2 to the subject contract, with attached justification.

A copy of the amendment has been retained by the Operator and the Field Team; by carbon copy of this letter we are distributing the Finance Officer's copy.

Sincerely yours,

A. E. Weissenborn

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

Enclosure as indicated

cc: Finance Officer w/encl.
USBM (2)
Hobbs

cc
3-17

RECEIVED
MAR 27 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

March 11, 1953

Mr. O. O. Miller
Miller Machinery Company
P. O. Box 1496
Missoula, Montana

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 17 1953

Subject: Amador Mining Co.
DMEA Contract Idm-E215 (Completed)

Dear Mr. Miller:

In further reference to Mr. Volin's letter to you dated February 9, 1953, on the subject of liquidation of DMEA contracts and payment of outstanding bills, it has been brought to our attention that the Amador contract specifically referred to in your letter of February 7 was on the old form MF-200 whereas only the new form MF-200 (Rev.) includes the statement under Article 8 (b), "The Government may make any payment or payments direct to independent Contractors and to suppliers, for the account of the Operator rather than to the Operator."

In answer to your letter of February 14 to DMEA, attention of A. E. Weissenborn, Executive Officer, Region II, with reference to bills incurred under the subject contract and still owed you by Amador Mining Co., the Field Team would like to assure you that everything possible is being done to sell the equipment in which the Government has an equity and thereby liquidate this contract. As explained by our auditor, Mr. Turner, during his visit with you on February 13, it is necessary to withhold certain amounts due the Operator in final settlement of a contract pending a final audit so as to protect the Government's equity in jointly owned equipment. In the case of the Amador Mining Co. the Government has contributed its full share of the cost of the equipment purchased under the subject contract, and if you have received half of the cost billed for this equipment you have, in effect, been reimbursed to the extent of the Government's participation in the costs. It would seem, therefore, that the collection of the remaining amounts due you for this equipment is a matter between you and Amador Mining Co. You, of course, can take whatever procedure at your disposal for making such collection.

We shall be glad to refer this specific matter to the attention of the DMEA Washington office.

One possible solution would be for you to make a bid for the equipment at the level you would bid in the sheriff sale which you state is your usual course of procedure for recovery of equipment in settling accounts.

By Field Team, Region II

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

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

Dictated 2/26/53

cc: USBM (2)
DMEA (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
~~XXXXXXXXXXXXXXXXXX~~
WASHINGTON 25, D. C.
Spokane, Washington
February 27, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1953

Amador Mining Company
P. O. Box 118
Missoula, Montana

Subject: Docket No. 2013 (copper)
Contract Idm-E215

Gentlemen:

Enclosed are 7 copies of Amendment No. 2 to the subject contract, prepared to allow wages paid the foreman during the life of the project.

If the amendment meets with your approval please have all copies signed by an authorized official of the company, retain the copy marked "Operator's Copy" and return the original and remaining copies to the office of the Executive Officer.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey
157 South Howard Street

M. E. Volin, Member
U. S. Bureau of Mines
1201 N. Division Street

Enclosure

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

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

ENT OF THE INTERIOR
Minerals Administration
RECEIVED
FEB 24 1953

February 17, 1953

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

Re: Docket DMEA-2013 (Copper)
Amador Mining Co., Inc.
Mineral County, Montana
Contract Idm-E215

Dear Mr. Selfridge:

Reference is made to your letter of February 4, 1953, in which you inquire about Mr. I. G. Irving's report to the Amador Mining Company, copies of which were to have been supplied to the Government files.

A search of our files reveals that Mr. Irving's report was never forwarded from this office, although we were previously of the opinion that it had been sent to Washington. We are therefore forwarding three (3) copies of the report with accompanying maps herewith. One copy has been retained at this office and one for the files of the U. S. Bureau of Mines.

The Amador Mining Company is currently disposing of machinery and equipment in which the Government has an equity. When this is completed we shall complete the final closing out of the contract.

The Field Team will accept the Irving report as the Operator's final report; however, we shall expect the Operator to submit further information on disposal of jointly-owned equipment and machinery before the contract is closed out.

Please accept our apologies for overlooking the Irving report and not forwarding it as we had originally intended.

Sincerely yours,

Thor H. Kiilsgaard

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

Enclosure
cc: USBM (2)

THE GALIGHER COMPANY
ESTABLISHED 1901

545 WEST EIGHTH SOUTH STREET
TELEPHONE 9-8731
SALT LAKE CITY 4, UTAH

COPY

Mr. Virgil R. Nelles, Sec. & Treas.,
Amador Mining Co.,
231 Higgins Block,
Missoula, Montana

Subject: Report on Recent Examination of Amador Mine.

Dear Sir:

I have just completed the examination you requested of the Amador Mine, situated on Cedar Creek, near Superior in Mineral County, Montana.

The report on the property, which both you and Dr. H. H. Koessler suggested be brief, is herewith submitted in letter form. Accordingly many of the usual details that accompany a longer and more formal report will be omitted. Such particulars as the history of the property, previous work and investigations, general geology and past production are available to you from other sources. As this letter is primarily designed for the directors and stockholders of your company the details of ownership and incorporation will also be omitted.

It is understood that the purpose of my examination was to determine the ore reserves, if any, that might exist in the workings and to discuss the economics and the feasibility

OPERATOR'S FINAL REPORT

of their extraction under current conditions. Further, the mine had just been dewatered, and the lowest level (700 level) was thus made accessible for examination for the first time since the early years of the century. The exposures on this level, having an obviously important bearing on the ore reserves and potentialities of the property were to be carefully studied, and sampled, and an opinion was to be given as to the advisability of continuing on with mine rehabilitation and development.

In brief, with the property now dewatered and open to investigation, and opinion and recommendation as to the proper course of action from this point on, was desired.

As you know the property was examined by Paul Billingsley in 1915. At that time the 700 level was under water. On the basis of information gathered in the upper levels, including considerable sampling and stope measurement, the Billingsley report concluded that a reasonably assured reserve, comprising developed and probable ore, of 11,505 tons of material averaging 4.04% copper was indicated. This material was largely above the 400 level but included one block of 3166 tons representing a projection of the ore shoot fifty feet below the 400 sill. The ore, so outlined, was given an average width of 3.85 feet and is designated in this report as Blocks A through F and Block I.

In addition, the Billingsley report pointed out the possible existence of a block (Block II) of additional ore above the 400 level, adjacent to Block I, which could contain 3500 tons. It is also stated that, if the shoot retained its size and grade another 16,000 tons might be developed between the 400 and 700

levels. In this manner, a total developed, probable, possible and future ore reserve of approximately 31,000 tons above the 700 level was visualized as a possibility.

These blocks, together with the sampling that determined their grade are shown on Plate 2 of the Billingsley report, which you have.

Mention was also made of 12,000 tons of dump material from which 4,000 tons of four-percent ore might be sorted. The Billingsley report also discussed costs, recoveries and other economic factors and arrived at some tentative profit estimates.

In the present examination four days were spent on the property itself and the recently dewatered bottom level was mapped. The vein exposed was sampled and some additional surveying was done on the upper levels. In all, thirteen samples were cut.

The conditions found will now be briefly and pertinently discussed.

In a short summary of the essential geologic features it can be stated that the vein is a roughly east-west striking fissure, which tends to curve southeasterly in its eastern extension and fray out in this region into discontinuous, weak structures, that strike on the average about south forty degrees east and contain only weak and "lenny" mineralization. The vein ranges in width from a few inches to about eight feet. Its filling is predominently calcite and sulphides, where present, are pyrite, chalcopyrite and bornite in the order of their relative abundance. The vein dips about 60 degrees to the south and cuts across folded and steeply-dipping slates, argillites and quartzite beds of pre-Cambrian Age. Some of the argillaceous beds are calcareous.

The following additional features that may have a bearing on the localization of ore should be noted: In the 700-level drift, west of the main crosscut, the fissure leaves the predominantly argillaceous beds and traverses quartzitic formations. Here the fissure is indistinct and mineralization scanty. To the east of this crosscut and also on all of the upper levels, the fissure cuts shaly rock and many of the beds are calcareous. In these areas the vein has a good deal of filling and is a much stronger structure. The oreshoot is located in this type of wall rock and the association may be significant.

Another observation is the fact that the vein in its easterly extension, where it swerves to the southeast follows fairly closely the bedding of the argillites. Here mineralization is narrow and lenticular, though sometimes of better grade. There may be a relationship here of tighter, and less permeable fissuring, when the movement was taken up along the strike of the bedding than when it crossed them at an appreciable angle. As a result the wall rock could be less fractured and afford, because of this decrease in permeability, a less favorable place for important ore deposition.

The third feature, noted by Billingsley, is the suggestion that the rake of the oreshoot, particularly noticeable in longitudinal section, has a tendency to follow the bedding.

As developed on the more extensive levels, the vein is about 700 feet long where it maintains its roughly east-west strike. To this length should be added several hundred feet where the vein, or a related fracture, takes on a southeast direction. A large portion of the vein on the upper levels is not ore but consists of lean,

or completely barren, calcite-quartz gangue. On the 700 level this condition is strikingly true.

As Billingsley points out the oreshoot is longer on the 400 level than on the 200 level. From this he expressed the thought that it might be longer still on the 700 level which he did not see. As will be brought out below this is not the case.

On the 400 level the ore has been stoped, in the east-west portion of the vein, for a length of approximately 340 feet. On the level above, comparable stoping has a length of only 170 feet. In the stoped areas, where noted in stope faces and pillars, Billingsley estimated that the sulphides comprised about 20% of the vein filling. The average grade of the blocks left, at that time, was estimated to be about 4% in copper. Silver andgold were present in negligible quantities.

On the 700 level the vein, where it strikes in an east-west direction is exposed for a length of 560 feet, another 300 feet of drifting develops the vein, or its related fracture, in its southeast-striking expression.

All of this bottom level drifting is directly below the vein as developed above, including the southeasterly drifting. This work also develops the vein in a manner that covers any projection of ore along the rake of the oreshoot as noted above.

No other parallel vein is exposed in the long main crosscut, from the 700 station, and several cross sections made indicate that the vein was found on the 700 level about where it should be according to its dip. There is little room for doubt as to the correlation of the veins between the 400 and 700 levels.

The vein was carefully mapped on the bottom level, and

where any appreciable amount of sulphide was noted samples were taken. All of this information, together with other and previously gathered data, is shown on the map accompanying this report. This map shows the geology of all levels in a composite plan presentation and also shows the stoping and relative position of the levels in longitudinal section. The samples taken during the present examination together with Billingsley's samples on the 400 level are shown in their proper position.

No ore, in the proper usage of the word, has been exposed on the 700 level. By ore is meant material that can be extracted at a profit.

Directly under the stoping above, a length of 135 feet in the main vein may be seen that contains some sulphides. The sulphides seen include pyrite, chalcopyrite and bornite but occur in little seams and scattered bunches only -- representing obviously very lean material. The balance of the vein exposed, comprising a length of about 280 feet to the west, of this short length of sulphide-bearing material, is almost completely barren of sulphides.

Eleven samples, nine of them at ten-foot intervals, were cut with a moil from the vein in the 135-foot length mentioned above. The highest of these assayed only 1.09% copper. All eleven averaged together assayed 0.47% copper, trace in gold and trace in silver. Such material is, of course, not ore. As stated above this exposure, so sampled, is on the 700 level directly under the old stoping above. It is evident that the oreshoot disclosed in the upper levels does not extend to the 700 level.

In the southeast drift, on the 700 level, the narrow vein intermittently exposed, swells out to a few lenses of sulphide-rich

material ranging up to a maximum width of 18 inches. Two cuts were made in this material, representing an average width of about 10 inches, and the composite sample thus obtained assayed 3.32% copper, 0.3 ounces silver and a trace of gold. This material cannot be considered ore, and while such lenses could widen out above such an occurrence is highly problematical and in any event no operation of any size should be planned on the possibility of such outcome. Even in quantity, four-percent ore, as indicated as possible in the Billingsley report, is a milling proposition of a marginal nature under current conditions.

As mentioned earlier, the Billingsley report shows a number of blocks of developed and probable ore above the 400 level. Stoping, evidently done subsequent to 1919, has removed practically all of this material. A re-survey of these upper levels, with the platting of the additional stoping noted, allows a new stope map, in longitudinal section to be made. Such a projection is presented on the map accompanying this report. Because of the condition of most of these old workings, the stope map cannot be too accurate. But new raises and chutes may be seen and based on this and other information it is apparent that the ore is gone. In this connection it should be stated that Messrs. Christman and Fabert climbed through some parts of these old stopes and could find nothing left that could be mined.

The only ore, then, that might be still left, out of the "reserve" calculated by Billingsley would have to lie below the 400 level. Here he shows a block F, as probable, containing 3166 calculated tons, to which he assigned a four-percent grade. Since his examination a winze was sunk in this block and this working, rumored to be

100 feet deep, is shown in its proper relationship on the previously mentioned "long section".

There is no information available as to the depth of this winze, the extent of the work off it, or the grade of the material encountered. However, its presence does not help the situation because, if any ore was encountered in the winze, it was probably mined and if the material was too lean for that, then the validity of the block is in question.

Assuming, however, that some or all of Block F is still there, below the 400 level, it cannot be said in view of the fact that the vein on the 700 level below is waste, that any appreciable tonnage is represented.

With strong evidence that the only oreshoot discovered to date on the property has bottomed, and with no minable ore in sight, there is very little reason to discuss economic factors.

Further exploration of a bulldozing nature on the surface and in the form of diamond drilling below could, of course, reveal additional ore, as is possible in any mineralized district, particularly in the vicinity of a known oreshoot. For example, to point out one possibility, drilling into the footwall, or the hanging-wall of the presently exposed vein could reveal parallel structures, or demonstrate (a fairly remote possibility) that the vein exposed on the 400 level flattened or steepened in dip and actually lies out in one of the walls and is not represented by the vein seen on the 700 level. As discussed earlier, however, the correlation seems certain and this is deemed only faintly possible.

A decision to launch a prospecting campaign at this point, then, is tantamount to approaching the situation from an entirely

new angle. The project just completed was one of re-opening an old mine to get at a fairly well indicated existing ore reserve. Such a reserve does not exist.

As a prospect the property does not have too much merit. In the first place, material averaging four-percent in copper in relatively narrow widths is marginal at best. In the second place, such ore as has been found does not extend downward to any great depth, or if it does, lean zones are encountered.

The project has reached a natural stopping point. The re-opening of the mine has been accomplished and no ore in any attractive quantity has been found.. It would seem logical then, in view of original objectives and the results obtained, to cease expenditures promptly at this point.

Respectfully submitted,

I. G. Irving

I. G. IRVING,
THE GALIGHER COMPANY

Date - August 21, 1952

2/24/53 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
~~1201 N. Division St.~~
Spokane 2, Washington
February 9, 1953

DMA-2013

Miller Machinery Company
P. O. Box 1496
Missoula, Montana

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

Attention: D. V. Scott

Subject: Liquidation of DMEA contracts and payment of outstanding bills

Gentlemen:

This will acknowledge your letter of February 7, 1953, requesting information on DMEA policy with respect to relief to creditors for purchases made in connection with DMEA contracts. You specifically mention the Amador Mining Co., DMEA Contract No. Idm-E215, and make the statement that this company has an unpaid account in the amount of $1,268.03.

The DMEA exploration project contract form MF-200 includes the statement under Article 6 (b) "The Government may make any payment or payments direct to independent contractors and to suppliers, for the account of the Operator rather than to the Operator." The Executive Officer, Region II, however, prefers not to use this drastic means of enforcing payments if settlement can be arranged by any other means.

The Amador Mining Co. contract will be liquidated pending a final audit. Messrs. Hull and Turner, DMEA auditors, are leaving Spokane tomorrow for the purpose of accomplishing this audit. I have given them your letter and they intend to stop at your office, if they can arrange their schedule, to give you information about final settlement.

Sincerely yours,

M. E. Volin, Member
DMEA Field Team
Region II

MEV/he

cc: DMEA, Wash. (2)
USGS (2)
R. M. Hull
DMEA
AD
DF

Turner

SERVING:
MINING - MILLING
CONTRACTING - SAWMILLS
LOGGING INDUSTRIES

MILLER MACHINERY CO.
(INCORPORATED)

P. O. BOX 1496
PHONE 9-2309
HIGHWAY 93-S
MISSOULA, MONTANA

February 7, 1953

Defense Minerals Exploration Administration
North 1207 Division
Spokane, Washington

Gentlemen:

As you may know we have occasion to enter into business transactions with firms operating under a DMEA contract. There have been times when the contract was terminated or the operation ceased at a time when invoices from suppliers to the operators had been submitted to the DMEA but on which final payment had been withheld by the DMEA to the operator pending liquidation or other disposition of the equipment purchased by the operator under the DMEA contract.

This procedure seems to have been followed in the case of the Amador Mining Company, who, we believe, have been in touch with your office in regard to their account with us unpaid in the amount of $1268.03. We know that settlement of the account from the resources available to the Amador Mining Co. will be delayed until such time as remaining items of equipment are disposed of which places us in the position of an involuntary partner in the matter of liquidation. However, we understand that a final payment from the DMEA is pending until such time as final liquidation of the equipment is made. We wonder, therefore, whether or not there might be some relief for creditors such as ourselves set forth in the DMEA administrative policy. If so we would be pleased to learn of it.

Very truly yours,

MILLER MACHINERY COMPANY

D. V. Scott

RECEIVED
BUREAU OF MINES
FEB 9 1953
SPOKANE, WASH.

Do You Wish to Acquire or Dispose of: Crushers, Ball Mills, Hoists, Screens, Engines, Generators, Sawmills, Electric Motors, Motor Control, Pumping, Conveying, Belting, Transmission Equipment, Power Shovels, Tractors, Tractor Attachments, Loaders, Mixers, Concrete Equipment, Wire Rope?
MACHINERY RENTAL

5

FILE COPY
700 SURNAME:

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

F I Knouse
Allen
Alexander
Selfridge

BW

Mr. J. E. Eisenhorn
Executive Officer, Region II
Field Team
South 157 Howard Street
Spokane 8, Washington

FEB 4 1953

Re: Docket No. [illegible]-2013 (Copper)
Meteor Mining Co., Inc.
Mineral County, Montana
Small Business Contract Num- 215

Dear Mr. Eisenhorn:

This is with reference to the following comment in the Final Report [illegible] and [illegible] dated January 10, 1953, Page 8, Heading Geology: "The principal features of the geology of the mine are shown on the accompanying map and are described and illustrated in Mr. L. L. Irvin's report to the company, copies of which have been supplied for the various Government files."

J.C. 2/4/53

If we have not received the referred to copies of Mr. Irvin's report will you kindly check your record to see if they were lost in transit since we will request this report to complete our files. Is this report of Mr. Irvin's unofficial report of the operator or does the operator plan to submit another report?

Sincerely yours,

George C. Selfridge

(JHH)

Chairman, Operating Committee
FIKnouse/jem
2/2/53
cc to: Adm. Reading File
Docket
Messrs; CHJohnson-3621
ARKinkel-4234 GSA
Chambers Illis Knouse
Opr. Com.
Field Team, Reg. II

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

A. R. Kinkel, Jr. (JHH)
Member, Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

January 7, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

Final F. Rpt

Mr. F. E. Johnson, Chairman
Operating Committee, DMEA
Dept. of Interior
Washington 25, D. C.

Re: Docket No. DMEA-2013 (copper)
Amador Mining Co., Inc.
Mineral County, Montana
Contract Idm-E215

Dear Mr. Johnson:

Enclosed is a final report on the subject contract prepared by Mr. R. E. Wallace of the U. S. Geological Survey and Mr. H. T. Reno of the U. S. Bureau of Mines. Work was stopped by mutual consent after less than half of the funds in the contract were expended because examination of the 700 level indicated that further work did not appear to be justified. The Operator's final report has been received and has been previously forwarded to you. Final closing out of the contract awaits disposal of certain items of equipment as listed in the final report. It is noted that the Operator is making a sincere effort to dispose of the remaining equipment.

Although a short report, Mr. Volin and I consider the Wallace-Reno report as informative and quite adequate for the purpose for which it is intended. However, for our future guidance we would appreciate any comments that you might choose to make.

Sincerely yours,

A. E. Weissenborn

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

cal 1-19-53

Enclosure
cc: USBM (2)
Hobbs Attn: Hosterman

Reviewed by
DMEA OPERATING COMMITTEE
1-26-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

January 2, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

Memorandum

To: DMEA Field Team, Region II

From: R. E. Wallace, Geologist, U. S. Geological Survey, and H. T. Reno, Mining Engineer, U. S. Bureau of Mines.

Subject: Docket No. DMEA-~~2123~~ 2013 (copper), Final report, Amador Mining Co., Inc., Mineral County, Montana

CONCLUSIONS AND RECOMMENDATIONS

Geologic mapping and sampling of the Amador Mine following dewatering indicates that no body of ore, recoverable under present conditions, was left during former mining operations as had been suggested by old records and memories of individuals who had worked in the mine.

The present exploration project must be considered completed; and although this and adjacent blocks of ground may warrant further exploration in the future, an entirely different type of program would be involved.

It is possible that ore bodies similar to the Amador vein may be found elsewhere in this region, but considering the grade of 4.04 percent copper estimated by Billingsley, for ore in the Amador vein and the character of similar veins in the region, the ore bodies to be searched for might be expected to be marginal or submarginal ore at present prices.

WORK COMPLETED UNDER CONTRACT

The contract went into effect on November 30, 1951. Actual work was started on February 1, 1952, recessed during April and part of May because of soft roads, resumed May 15 and continued until the contract was terminated by mutual agreement of the Operator and Government on September 3, 1952.

The shaft and all workings except a winze below the 400-foot level were dewatered, and work essential to the dewatering program

Reviewed by
DMEA OPERATING COMMITTEE
1-26-53
(date)

included opening the adit and retimbering the underground head frame; construction of a dry room and installation of ventilation equipment, compressor, and hoist were completed.

CONDITION OF WORKINGS

The workings were in exceptionally good condition after dewatering. Timbers, for the most part, were in excellent state of preservation and very few repairs were necessary in the shaft. Except for the east ends of the 400- and 200-level workings, the crosscuts and drifts were accessible. Geologic mapping was hampered by a dark brown to black slime on all walls of the workings.

It should be noted that the names of the levels give an incorrect impression of the vertical distances. The 60-foot level is 59.4 feet, 200-foot level is 158.5 feet, 400-foot level is 300.0 feet, and the 700-foot level is 601.5 feet below the collar of the shaft on the main adit level.

GEOLOGY

The principal features of the geology of the mine are shown on the accompanying map and are described and illustrated in Mr. I. G. Irving's report to the company, copies of which have been supplied for the various government files.

For any future consideration of the Amador Mine, a few additional observations are warranted. From a regional point of view, three factors seem significant. One is the presence of a large diabase sill or dike reported to be approximately one quarter of a mile south of the mine. The association of this igneous rock with the copper vein suggests a similarity to other copper deposits in this general region, namely, the Richmond, Monitor, St. Laurence, Hansy, and numerous non-economic deposits all of which are situated within a mile of the Wishard or related sills which follow the Idaho-Montana boundary at the southern edge of Mineral County, Montana. All of these deposits are similar to the Amador in that they occupy steeply-dipping, eastward-trending shear zones near a large diabase sill or dike. This similarity suggests a genetic relation to the sills and dikes, and also a similar genesis of all the deposits. None of these deposits has produced any great quantity of ore; the Richmond and Amador probably lead the others. The general quality of veins of this type already known should be a fair measure of the quality of any vein to be searched for if broader-scale prospecting is undertaken in the Amador area.

Secondly, the Amador vein is in interbedded argillites and quartzites typical of the lower Wallace formation in the Coeur d' Alene district of Idaho. This formation notably has been a poor host rock for major ore bodies in the Coeur d' Alene district with but one exception, the Gold Hunter vein.

Thirdly, the Amador vein lies a short distance south of a major fault which throws the rocks of the lower Wallace formation against rocks of the Missoula group, and separates gently folded structures involving the Missoula group from highly deformed structures involving the Wallace formation. Such a major fault would be of significance in the consideration of any regional prospecting program.

In considering the details of the geology of the Amador vein, the following observations are recorded. Longitudinal stope sections show a rake of the ore shoots to the southeast. The axis of bending represented by the change from easterly strike to southeasterly strike of the vein also plunges to the southeast. Drag folds were found which also plunge southeastward. These various features all suggest a "b" axis of tectonic deformation plunging to the southeast related to ore genesis, and this character may be general enough in the area to serve as a guide in predicting elongation of ore shoots to be found in the future.

Post ore faulting is present and the relationship of offset of vein to dip of faults suggests reverse movement on many; thus, on an eastward-dipping fault the vein is offset to the south in the east or hanging wall of the fault. Faulting may have obscured a relatively high grade portion of the vein on the 700-foot level just to the west of the bend in the vein. If the offset shown on the 400-level is a guide, the vein should be north of the drift in the barren section on the 700-foot level.

A difference in the type of carbonate forming gangue on the upper levels and on the 700-foot level was noted. In the upper workings a carbonate showing poor effervescence, possibly dolomite or ankerite, seemed more common, whereas, calcite was more common on the lower level. This suggests the possibility of a correlation with high and low-grade segments of the vein, but no study of that has been possible.

ORE RESERVES

Almost all of the ore indicated on Billingsley's map and sections made in 1915 has been mined, and, in fact, blocks other than noted by Billingsley have been stoped. The only ore outlined by Billingsley which has not been removed is that in the sill of the 400 level below the main stope. As Mr. Irving points out in his report to the company, a winze was sunk in this block and is rumored to be 100 feet deep. His statement as follows is a good analysis. "There is no information available as to the depth of this winze, the extent of the work off it, or the grade of the material encountered. However, its presence does not help the situation because, if any ore was encountered in the winze, it was probably mined and if the material was too lean for that, then the validity of the block is in question." Following is the analysis of two DMEA samples from the sill of the 400 level in this block: HTR No. 16, copper-2.63 percent,

gold-0.01 ounces per ton; HTR No. 17, copper-3.84 percent, gold 0.0 ounces per ton. These analyses suggest a slightly lower average value than the 4 percent estimate made by Billingsley, nevertheless, this block is the highest grade known to be left in the mine. Mr. Irving's sampling indicates that the grade on the 700 level drops to less than 0.5 percent copper (see assay data on map). Thus, this block of ground is not of sufficient size or grade to warrant mining at present.

SUMMARY OF EXPENDITURES

Amount of the contract	$72,190.000
Total approved amount expended on project	32,143.88*
Government's share authorized	36,095.00
Government's share of cost	16,071.94*
Government's share unexpended	20,023.06*
Value of production during operation	None

*Subject to final audit.

EFFICIENCY OF OPERATION

The Operator was hampered by lack of adequate financing, but as a whole the project was marked by expert, efficient management. In fact, the work was accomplished by young inexperienced men for a cost and in amanner which would be a credit to some of the better mining companies.

Non-expendable Supplies and Equipment Purchased

Following is a list of material and equipment purchased in which the Government has an interest.

		Purchase Price	Amt. Contributed by Government
2 pcs.	12" x 50' lengths Bemis Flexipipe	$ 94.80	$ 47.40
400'	No. 3 Conductor No. 8 covered wire	266.00	130.00
800'	No. 3 Conductor No. 8 covered wire	520.00	260.00
	V-Drive		
	1-12" Dia 12 groove C--section sheave	85.80	42.90
	2-24" Dia 12 groove C-section sheave	297.90	148.95
	12-C158 S Matched Super V-Belts	157.92	78.96
1	Record Size II Magnetic Starter	41.00	20.50
1	Record Size II Magnetic Starter	41.00	20.50
3	Record Size II Magnetic Starter	157.50	78.75
1	Record 200A 600V 3ø Fused Disconnect	47.00	23.50
1	Record 60A 600V 3ø Fused Disconnect	16.00	8.00
1	Record 200A 600V 3ø Fused Disconnect	47.00	23.50
1	5 KVA 480/240--120 G.E. Oil Transformer Type H Form KF Serial #5198457	60.00	30.00
190 ft.	No. 1 -3-cond. 600V Neoprene Electric Cable	237.50	118.75
190 ft.	No. 12 3-cond. 600V Rubber Electric cable	13.11	6.56
240 ft.	No. 10 3-cond. 600v Rubber Electric cable	23.52	11.76

		Purchase Price	Amt. Contributed by Government
2	2" C 20 HP 3500 rpm 3/60/440 Pacific LV Unitype centrifugal pumps with 8" impellers	$ 1246.00	$ 400.00
1	2" C 25 HP 3500 rpm 3/60/440 Pacific LV Unitype centrifugal pump with 9" impeller	822.00	411.00
14	50 ft. lengths 16" Flexipipe with sewed in couplings	840.00	420.00
14	16" Suspension collars	38.50	19.25
2	16" Flexipipe Tees with sewed in couplings	46.10	23.05
2	16" Flexipipe Elbows 90° with sewed in couplings	31.90	15.95
3	16" to 12" Reducers with sewed in couplings	70.35	35.17
1	GMC diesel engine, Model 6031C, Serial No. 6-21443, Motor No. 671-161758	4000.00	2000.00
1	Snow Plow	227.50	113.75
1	Coppus TM 8 Ventair Blower with US 15 HP 3600 rpm motor and 16" beaded diffuser outlet	565.00	282.50
900'	3/4" 6x19 Union Formed 1.P. F.C. Reg. loy Right loy Hoisting cable	285.30	142.65
1	Generator 200 KVA 900 rpm 3/60/480 GE Type ATB	3500.00	1750.00
	Aluminum Pipe & Fittings	621.55	310.78
	Total	$14,394.25.	$6,974.13

The above material and equipment has been advertised for sale in the Missoula papers and in the Miller Machinery Co. trade paper. To date no lump price bid has been received.

Bid prices for the following items, however, have been received and tentatively approved by the Field Team pending receipt of proof of proper advertising.

1 Coppus TM 8 Ventair Blower	$ 384.00
8 50-foot lengths 16" Flexipipe	307.20
6 50-foot lengths 16" Flexipipe	144.00
2 16" Flexipipe tees	29.50
2 16" Flexipipe reducers	56.28
1 GMC diesel engine, Model 6031C, Serial No. 6-21443, Motor No. 671-161758	2000.00
1 Generator 200 KVA 900 rpm 3/60/480 GE Type ATB	2250.00

The balance of the equipment can probably be disposed of within 6 months at prices comparable to those listed above. The prices will be much less at a forced sale.

It is recommended that the Operator be permitted as much time to dispose of the equipment as is within the Field Team's authority to allow.

Enclosures

Dist: Orig. & 3-DMEA USBM (2) USGS (SRO)
Docket Wallace

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
December 30, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

Mr. Merrill H. Christman, Vice-Pres.
Amador Mining Company
P. O. Box 118
Missoula, Montana

2013

Subject: Contract Idm-E215
Docket No. DMEA ~~341~~ (copper)
Disposal of property

Dear Mr. Christman:

This will acknowledge receipt of documents submitted by you as evidence of compliance with requirements for advertising the sale of certain items of jointly owned property as outlined in Mr. Weissenborn's letter of December 5, 1952. Approval is hereby given for the sale of these items at the prices stated in that letter.

Your final accounting of the sales should be supported by certified true copies of the bids, letters of acceptance, invoices, receipts, and any other related document.

Sincerely yours,

M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

cc: DMEA, Wash. (3)
USGS (2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1952

1201 North Division St.
Spokane 2, Washington

December 5, 1952

Mr. Merrill H. Christman
Vice-president
Amador Mining Co.
P. O. Box 118
Missoula, Montana

Subject: Contract Idm-E215

Dear Mr. Christman:

The following bid prices on jointly owned equipment listed in your letter of December 1, 1952 are agreeable to the Government:

1	Coppus TMB Blower	$ 384.00
8	50 ft. lengths 16" Flexipipe	307.20
6	50 ft. lengths 16" Flexipipe	144.00
2	16" Flexipipe tees	29.50
2	16" Flexipipe reducers	56.28
1	Model 671 GMC Diesel Engine	2,000.00
1	200 KVA 900 R.P.M. 3, 60, 480V GE type ATB Generator	2,250.00

However, before formal approval of the sale can be given, evidence of advertising for bids including the name of the publication, the approximate circulation, and the dates on which the advertisement was run, must be in the Fiscal Officer's file. Accordingly, it is suggested that three copies of the newspaper advertisement and the Miller Machinery Co. monthly circular including the above information be sent to this office. The project contract final invoice has been received by the Fiscal Officer and approved with a few minor corrections subject to approval by final audit.

Mr. R. J. Hull, DMEA Auditor, expects to be in Missoula within two weeks to go over your accounts.

Sincerely yours,

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

cc: Wash. (2)
USGS (2)
DMEA
A/D
HTR

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

October 16, 1952

Mr. Merrill H. Christman
Vice President
Amador Mining Company
P. O. Box 113
Missoula, Montana

Docket No. DMEA-2013

Dear Mr. Christman:

In reply to your letter of October 14 asking whether the bid submitted by the Miller Machinery Co. for the purchase of electric cable and fan bags which were used in carrying on Contract Idm-E215, this is to advise you that the prices stated in your letter are satisfactory.

I regret the delay in replying to your request of September 29 regarding the bid of $4800.00 by the Miller Machinery Co. for the generator, diesel engine, and accessory equipment. We feel that the bid offered is very likely as good a price as you will receive. Because the amount involved is very large, it would be preferable if you could obtain other bids on this equipment. If you have not been able to obtain other bids, would you please let us know what efforts you have made to obtain them. Once we have reasonable assurance that you have made every effort to obtain other offers and that this is the best offer which you believe can be obtained, we will be prepared to take the necessary action.

Sincerely yours,

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

cc: USBM (2)
DMEA (2)

Note to Bureau: I discussed this by telephone with Tom Howard 10/16/52

AEW

DMEA(L)

AMADOR MINING COMPANY

P. O. Box 118 MISSOULA, MONTANA

BOARD OF DIRECTORS
JAMES F. CHARLTON, President
MERRILL H. CHRISTMAN, Vice President
MELVIN M. FABERT, Treasurer
A. J. MOSBY
ALBERT R. GLOCKZIN, Geologist

September 29, 1950

U.S. Dept. of Interior
D. L. E. A.
So. 157 Howard Street
Spokane 4, Washington

Attention: Mr. A. E. Weissenborn

Dear Mr. Weissenborn,

As per our telephone conversation I'm submitting the information you requested.

We have received a bid from Miller Machinery Co. for $4800.00 and are submitting it for your approval. This includes the following equipment:

1- 30 KVA 900 RPM 3-60-480 volts G. E. Type ATB Generator Purchase price	$3500.00
1 Model 6071 C Serial #6-21443, Motor #6071-181758 G.M. Diesel Engine	$4000.00
V-drive; 1 18"diameter, 12 groove C Section Sheave	85.80
2-24" Diameter 12 groove C Section Sheave	297.90
12-c158s matched super V Belt	157.92
	$8041.62 Total

This seems to be a fair bid from our standpoint since the price is for the equipment as it stands at the mine. All dismantling and transportation is to be taken care of by the purchaser. This is a large item to us since we have no employees at the mine nor any trucking facilities.

Respectfully yours,

Amador Mining Company

Merrill H. Christman

President & Treasurer

AMADOR MINING COMPANY

P. O. Box 118 MISSOULA, MONTANA

BOARD OF DIRECTORS
JAMES F. CHARLTON, President
MERRILL H. CHRISTMAN, Vice President
MELVIN M. FABERT, Treasurer
A. J. MOSBY
ALBERT R. GLOCKZIN, Geologist

5

October 14, 1952

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II
So. 157 Howard Street
Spokane 4, Washington

Dear Mr. Weissenborn,

I have a bid to purchase some electric cable and fan bag by Miller Machinery Company, Missoula, Montana.

The Cable is #8,3-condi.600V R.C., 236 ft. at 44¢ents per foot--$102.52. Original cost .665 cents per ft. This is a cut length that ran from the surface to the 2700' level pump.

The fan bag is 2 pieces 12"x50' lengths $97.20
Original cost $84.80.

I would appreciate immediate action on this as the buyer is in a rush for it, and does not want to wait for factory shipment on new material.

I would also like to know what the final action was on the bid I submitted for the Diesel, and Generator as I'm going to have to make a final statement in a few days no.

Respectfully yours,

Merrill H. Christman

Merrill H. Christman,
Vice President,
Amador Mining Company

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
SEP 29 1952

September 25, 1952

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

Re: Docket DMEA-~~2123~~ 2013 - Copper
Amador Mining Company, Inc.
Mineral County, Montana
Contract Idm-E215

Dear Mr. Johnson:

Enclosed are the original and two signed forms (18262-1) terminating the above contract.

After unwatering the shaft, Mr. Reno, U. S. Bureau of Mines, Mr. Wallace, U. S. Geological Survey, and Mr. Irving J. Irving, geologist representing the operator, made a thorough inspection of the entire mine including the 700 level. It was the opinion of all concerned that no further exploration work could be justified and that the contract should be terminated. After reviewing the information, including the applicant's samples, the Field Team concurred with this opinion.

A copy of this letter and of the termination agreement are being transmitted to our Regional Fiscal Officer and by means of a carbon copy of this letter, Mr. Hull has been advised so that a final audit can be made.

Sincerely yours,

A. E. Weissenborn

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

SdS
9/30/52

cc: USBM
R. Hull
Reg. Fiscal Officer

RECEIVED
OCT 6 - 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

1201 N. Division St.
Spokane 2, Wash.

September 23, 1952

Amador Mining Co.
P. O. Box 118
Missoula, Montana

Subject: Contract Idm-E215

Gentlemen:

Attached is a list of equipment and supplies purchased on subject contract in which the Government has an interest. For your convenience the purchase price and the amount contributed by the Government is recorded.

Perhaps it will be advantageous to keep this office informed of your progress in disposing of the equipment. Please do not hesitate to request any assistance you may require.

It is noted that copies of Mr. Irving's report and maps were not submitted with the final invoice. These items must be included in a final report on the results of the project.

Sincerely yours,

M. E. Volin, Member
DMEA Field Team, Region II

Enclosure

CC: 2-Wash.
2-USGS
DMEA
DRI
M/D
D/F

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

1201 N. Division St.
Spokane 2, Wash.
September 9, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
SEP 18 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: H. T. Reno, Mining Engineer, Bureau of Mines

Subject: Inspection, Contract Idm-E215, Amador Mine, Mineral County, Mont., Docket No. DMEA ~~213~~ 2013 (copper)

The workings were inspected on August 18 and 19, 1952, with R. E. Wallace and J. W. Hosterman of the U. S. Geological Survey and Mr. Christman, vice-president of the company.

The previous week the mine was examined at company expense by Irving J. Irving, consulting geologist. Mr. Irving recommended that the project be abandoned as the vein was too low grade to be mined profitably. Our examination disclosed no reason to disagree with Irving's appraisal.

Exploration from the lower mine workings is not warranted. Former operators drifted and crosscut sufficiently to preclude the possibility of significant structures within the proximity.

For the record, the geology of the lower levels was mapped and two samples were cut on the 400 level sill below the main stopes.

The operators are dismantling the equipment preparatory to selling it. Inventory amounts to 150 gal. of diesel oil and about 50 gals. of gasoline which will be used up by the time dismantling is complete. Salvageable supply items such as pipe, cable, and vent tube will be sold for the joint account of the operator and Government.

The Government has not participated in the purchase of some items of equipment and supplies. As the operator is not sure of particular items deleted from the monthly contract invoices, the Fiscal Officer has been requested to either furnish a list of all items in which the Government has participated in the cost or to return the complete file to the Spokane office for preparation of such a list.

H. T. Reno

H. T. Reno

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

U.S. BUREAU OF MINES
RECEIVED
SEP 8 1952
SPOKANE, WASHINGTON

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

September 3, 1952

Mr. Merrill H. Christman
The Amador Mining Company
Superior, Montana

Re: Termination of Contract Idm-E215
Amador Mine, Mineral County, Montana
Docket No. DMEA-~~2123~~, Copper
2013

Dear Mr. Christman:

Enclosed are forms for your signature terminating exploration Contract Idm-E215, Amador Mine, Mineral County, Montana, by mutual agreement. Mr. Wallace and Mr. Reno, representing the Field Team, have informed me that they have recommended the contract be terminated following an examination by Mr. Irving and that you agree with this conclusion.

I believe you have been informed as to the proper method of disposing of jointly owned equipment. If you should have any questions please do not hesitate to contact this office or that of the Bureau of Mines. You will note that under the agreement which we are requesting you to sign, no new work can be charged to the contract except for such necessary and reasonable costs and expenses as may be incurred in preserving or disposing of facilities, buildings, equipment and so forth, to which the Government has contributed its prorated share, and the cost of reports, accounts, and settlement action as provided in the contract. Please also note that before a final settlement can be made, a report on the results of the exploration done under the terms of the contract is required from you.

We regret exceedingly that the results of unwatering the shaft were not more encouraging.

Please sign all 6 copies of the enclosed agreement, keep one carbon copy for your files (marked "Operator's Copy"), and return the others including the original to this office.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
R. Wallace

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

[illegible] 8 [illegible]

[illegible] Mineral [illegible]
[illegible] 4, [illegible]

[illegible] 20, 1952

2013

Memorandum

To: [illegible], Executive Officer, [illegible], [illegible]

From: [illegible], [illegible], U. S. [illegible] Survey

Subject: Termination of Contract Idm-215, [illegible] exploration, [illegible] Mine, [illegible] County, Montana, [illegible]-203 (Copper)

The [illegible] was visited on August [illegible] and [illegible] with Mr. [illegible] T. [illegible] of the [illegible] and Mr. [illegible] of the [illegible] Survey.

The workings were examined and 2 samples were cut in the sill of the 600 level below the main stope above that level. Mr. [illegible] will submit the samples for analysis. Additional workings [illegible] on the 200 and 300 levels to [illegible] additional samples [illegible] by [illegible].

Mr. [illegible] examined the [illegible] for the contract [illegible] after taking [illegible] samples on the 700 level reported the conclusion that the vein was of too low grade to mine [illegible]. The samples were analyzed as follows:

Sample No.	[illegible]	Sample No.	[illegible]
1	[illegible]	[illegible]	0.21
2	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	0.27
[illegible]	[illegible]	[illegible]	[illegible]
5	0.21	[illegible]	[illegible]
[illegible]	0.21	[illegible]	
7	[illegible]	[illegible]	[illegible] 3.4 [illegible]

[illegible] contract [illegible] with [illegible] equipment.

Mr. [illegible] agreed that [illegible] contract [illegible] actual agreement between the operators and [illegible]. It was in doubtful, however, [illegible] the owner [illegible] instructing [illegible] actual of [illegible] equipment. Provision should be made for labor or [illegible] and diamond drill [illegible] of the operation.

cc: [illegible]

[illegible], Connecticut

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 28 1952

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

July 25, 1952

Memorandum

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

From: R. E. Wallace, U. S. Geological Survey

Subject: Routine examination, July 17, 1952, Amador mine, Mineral County, Montana, DMEA Docket No. 2013, Idm-E215, Copper.

An examination was made of the Amador mine on July 17, 1952, in the company of Messrs. Hobbs, Campbell and Hosterman of the U. S. Geological Survey. Future plans were discussed with Mr. Merrill Christman, Vice President of the company, after the examination.

The shaft had been dewatered to below the 400-foot level and both the 200- and 400-foot levels were examined. Very little mineralized rock was observed on the 400-foot level, although a large stope connects the 400- and 200-foot levels suggesting ore did extend to the 400-foot level. At one point on the 200-foot level, a 1-foot width of approximately 50 percent chalcopyrite rock was seen and at numerous other places, considerable chalcopyrite and a little bornite were in place near the extremities of stopes.

Slime-coated walls everywhere and timbering at old stopes made very poor conditions for observations. Timbers both in the drifts and shaft are in good condition. A cave prevented examination of the easternmost end of the 400 level, but the portions near the main stope and the E. stope were accessible.

Mr. Christman indicated that the company wishes to continue dewatering the shaft to the 700-foot level before beginning any other exploratory operations, because the relationships and nature of the vein that might be found there might preclude the necessity for other stages of the contract listed for prior attention. The field examiners concurred with this opinion. At the time of the conference with Mr. Christman, it was believed that an amendment to the contract would be necessary to continue the dewatering to the 700 level prior to parts 1, 2a and 2b of Stage IV, and completion of parts 1a, b and c of Stage III.

After studying the working of the contract more carefully, I am of the opinion that no amendment is necessary at this time. Note first paragraph, Stage IV: "The work of Stage IV is to be undertaken in the order suggested by the results of Stage III only after completion of Stage III, or any part thereof, to the satisfaction of and approval by the Government".

Inasmuch as the Field Team has been able to examine almost all of the 200 and 400 levels, an essential part of Stage III has been completed. In accordance with the contract, it is now appropriate to suggest the sequence of steps in Stage IV. The Field Team and Mr. Christman agree that the following change in sequence is advisable:

First, perform step 3(a), "Dewatering the shaft from the 400 to the 700 level, rehabilitating the guides and replacing the pipe as the water is lowered. Install a pump on the 700 level and extend ventube."

Second, perform part of 3(b), "Rehabilitate the level for geologic examination."

After this step, the sequence of performance of other steps will be determined.

Robert E. Wallace
Geologist

cc: DMEA (2)
USBM (2)
USGS (3RO)
R. E. Wallace

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

So. 157 Howard Street
Spokane 4, Washington

July 21, 1952

Mr. Merrill H. Christman
The Amador Mining Company
Superior, Montana

Re: Contract Idm-E215
Amador Mine, Mineral Co., Montana
Docket DMEA-2013, Copper

Dear Mr. Christman:

This will confirm your conversation with Mr. Robert E. Wallace, U. S. Geological Survey, in which he stated that inasmuch as the essential part of Stage III is completed it will be in order for you to proceed with the execution of Stage IV, beginning with part 3 (a) first, and followed by other work as indicated by observations as indicated on the 700 level.

Sincerely yours,

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

cc: USBM, Spokane
R. E. Wallace
DMEA (2)

M. E. Volin July 15, 1952

H. T. Reno

Periodic inspection, Contract Idm E-215, Amador Mining Co.
Docket DMEA 2013 (copper), Mineral County, Montana

I inspected the work and accessible parts of the mine workings with the vice-president, Mr. Christman and the mine foreman, Mr. Asp, July 11, 1952.

At the time of my visit, the construction and rehabilitation for dry and engine room was complete. The hoist and all machinery except the compressor was installed and operating, and the shaft was dewatered to within three feet of the floor of the 400 level. Timber in the shaft and on the levels is in good condition.

This project was set up entirely on information obtained from maps prepared by the Anaconda Copper Mining Company in 1915. It is now apparent that either these maps were not complete in that a large stope between the 400 and 60 foot level east of the shaft was not surveyed or that a large scale mining operation was carried on after the time of the survey. Probably the Anaconda Copper Mining Co. was not interested in ground that had been stoped and did not go to the expense of surveying it. The stope that Anaconda did map as 'ore reserve' is now filled with gob and is inaccessible. Unless evidence to the contrary is found on the lower levels, it is safe to assume that the ore was mined out before the stope was filled.

The error in the maps and the gob filled stope will of necessity force a change in the exploration program. It is evident that a relatively large amount of good grade ore has been produced from the mine. The stope that is open varies in width from 4 to 20 feet, averaging about 12 feet, and is about 180 feet long. Vein material remaining in the pillars and exposed at the extremities of the stope where it is less than mining width appears to contain from 7 to 20 percent copper. At a few places the vein is composed of approximately 50 percent copper sulphides—bornite and chalcopyrite.

The question of immediate concern is whether this ore shoot continues to the lower levels, what grade it is, and how much of it has been mined out. Geologic mapping and further exploration on the upper levels is pointless until this is known. Government approval to dewater the mine to the 700 level is necessary under the terms of the contract. I have discussed this project over the phone with Bob Wallace of the USGS and he will make arrangements to visit the project as soon after the 400 level is unwatered as possible. If geologic evidence there is encouraging, he will give approval to continue dewatering to the 700 level.

These operators, with little mining experience, have handled a difficult job unusually well. They have pumped probably 8 to 10 times as much water from the mine as was expected and are, at this time, only about a month's actual working time behind schedule. Although in the press of work to get down the shaft they have left a few loose ends and have poor housekeeping on the surface, they are now beginning to catch up and prepare for a safe, efficient operation. The exploration project is no less attractive now than when started.

H. T. Feno

Orig. to files
cc: USGS Spokane
Wash. (2)
HTR

M. E. Volin, Member, DMEA Field Team, Reg. II June 18, 1952

H. T. Reno, Mining Engineer, Bureau of Mines

Periodic inspection, Contract Idm-E215, Amador Mining Co., DMEA Docket No. 2013X (copper), Mineral County, Mont.

I inspected the work with the mine superintendent, Mr. Asp, on June 11, 1952.

Work on this project was resumed the middle of May after being suspended because of soft roads and lack of funds caused by a misunderstanding on the March invoice.

At the time of my visit a diesel generator, hoist and power lines were being installed; a change room with concrete floor was complete. Dewatering of the mine should be started by June 20, 1952.

H. T. Reno

Orig. to files
cc: USGS (2)
Wash. (2)
HTR

DEPARTMENT OF THE INTERIOR
Bureau of Mines, Administration
RECEIVED
JUL 8 1952

M. E. Volin, Member, DMEA Field Team, Reg. II May 27, 1952

H. T. Reno, mining engineer, Bureau of Mines

Periodic inspection, Contract Idm-E215, Amador Mining Co., Mineral County, Mont., Docket No. DMEA 2013 (copper)

I visited this property May 12, 1952. The project was suspended in April because of the Spring thaw and had not been reactivated. County equipment was completing grading of the road.

I contacted the mine manager, Mr. Christman, and the company president, Mr. Charlton, in Missoula. As the company had expended most of its funds buying equipment and through a misunderstanding had received no reimbursement from the Government for the larger items, they had been hesitant about resuming work on the project. However, when I assured them that a check for the full amount of their March invoice was in the mail, they made arrangements to start up May 16.

Equipment stored in Missoula will be moved to the mine and a full crew should be at work by June 1.

H. T. Reno

Orig. to files
cc: USGS, Spokane
2 cys - Wash.
HTR

M. E. Volin, Member, DMEA Field Team, Region II. May 1, 1952

H. T. Reno, Mining Engineer, Mining Division, Region II.

Periodic Inspection, Contract Idm E215, Docket No. 2013, (copper)
Amador Mining Co., Mineral County, Mont.

I talked with the mine manager, Mr. Christman in Missoula, April 15, 1952. The project was shut down in March because of the condition of the roads. Mr. Christman had been to the mine the day before and thought that the road would be dried up enough to start work within two weeks.

H. T. Reno

Orig. to files
cc: USGS
2 Washington
HTR

M. E. Volin, Member, DMEA Field Team, Region II April 2, 1952

H. T. Reno, Mining Engineer, Mining Division, Region II

Peridoic Inspection, Contract Idm-E215, Amador Mining Co. Amador 2013 Copper

I visited the Amador property March 12, 1952. The operators were attending a Company board meeting at the time so I went over the work with the foreman, Guy Arp.

This contract covers rehabilitating an adit level and underground hoist room preparatory to dewatering the shaft. At the time of my visit work in the adit was complete and three 24 inch x 32 feet timbers had been replaced in the underground head frame. Replacement of these timbers was not contemplated in the contract. However, I had advised the Operator to replace them in a telephone conversation the week before and examination of the old ones confirmed the necessity for doing so.

Standard of work is good and progress satisfactory.

H. T. Reno

APR 7 1952

Orig. to files
cc: U. S. G. S.
2 Washington
HTR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 7 1952

February 1, 1952

2013

Chairman, Operating Committee
DMEA
Department of Interior
Washington 25, D. C.

Re: DMEA Dockets Idm-E215
and Idm-E240

Dear Sir:

Enclosed are the original and three signed copies of Exploration Project Contract Idm-E215, the Amador Mining Company, Mineral County, Montana. One copy of this contract has been retained by the Operator and one copy by this office.

Also enclosed are three copies of Exploration Project Contract Idm-E240, Castle Lead and Zinc Company, Meagher County, Montana. The Operator has mistakenly retained the original copy of this contract; therefore, we are writing him, sending one carbon copy and requesting that he return to this office the original copy of the contract. Upon receipt of the original copy, we will immediately forward it to the Chairman of the Operating Committee, DMEA, Washington, D. C.

Sincerely yours,

Thor H. Kiilsgaard

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

Enclosures.

400

FILE COPY
SURNAME:

Selfridge.
Ellis

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

JAN 24 1952

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

Re: Docket No. DMA 2013X - Copper
Amador Mining Company
Amador Mine
Mineral County, Montana
Exploration Contract
Idm-E215

Dear Mr. Weissenborn:

This is to acknowledge receipt of your letters of January 2 and 4, 1952, informing us of the status of the Amador Mine ownership.

We are forwarding herewith the original and five copies, signed by this office for the Government, of the above revised exploration contract showing the change of ownership. We have extended the starting date from thirty to ninety days to care for the lost time. If approved by all interested parties, please have the six copies of the contract signed by a duly authorized official of the new company and then distributed in accordance with our instructions in the original letter of transmittal, your copy of which is returned herewith.

Sincerely yours,

1-24-52

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

GCS elfridge:lm
1/8/52

Approved:

H. Hedges

Member, Bureau of Mines

/s/ J. P. Shaw

Member, Geological Survey

cc: Admn. Reading File
Mails and Files Br.
C. O. Mittendorf
C. H. Johnson, USBM
E. T. McKnight, USGS
Field Team Reg. II
Docket
GCSelfridge

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

January 4, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 8 1952

Mr. C. O. Mittendorf,
Acting Administrator
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket DMA 2013X
Amador Mining Company
Amador Mine
Mineral County, Montana
Exploration Contract
Idm-E215

Dear Mr. Mittendorf:

In reply to your letter of January 2, the Amador Mining Company is now the sole owner of all properties of the Amador Mine partnership, including the 6 claims, all buildings, tools, truck and other equipment used in the partnership operation.

This information was given to us in a letter from Merrill H. Christman, Vice-President of the Amador Mining Company, in a letter dated December 19. We regret the information was not included in the letter of December 21 informing you of the formation of the Amador Mining Company.

Sincerely,

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr.
For: A. E. Weissenborn,
Executive Officer, DMEA
Field Team, Region II

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 7 1952

January 2, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Johnson:

Mr. Selfridge talked to me on the phone the other day and stated that the Amador Contract could be cleared immediately if the matter of ownership could be straightened out.

I was able to talk yesterday to Mr. A. R. Glockzin, one of the directors of the newly created Amador Mining Co. Mr. Glockzin stated that Messrs. Charlton and Christman have transferred all their rights and interests in the property to the Amador Mining Co. in return for stock. The Amador Mining Co., therefore, owns the property outright, free of all encumbrances. Therefore, it would appear that no subordination agreement is required inasmuch as Charlton and Christman have no interest in the property except as stockholders in the new company.

If necessary, a photostatic copy of the minutes of the first meeting of the new company, in which the above mentioned transfer is recorded, can be obtained. Inasmuch as such proof of ownership is not usually required, I have not requested it, but will do so if instructed by you.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn,
Executive Officer

c.c. to: Mr. Christman,
U. S. Bureau of Mines,
Spokane, Washington

400
FILE COPY
SURNAME:

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

JAN 2 1952

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

Re: Docket DMA 2013X
Amador Mining Company
Amador Mine
Mineral County, Montana
Exploration Contract Idm-E215

Dear Mr. Weissenborn:

This acknowledges receipt of your letter of December 21, 1951, advising us that the Amador Mining Company, a partnership, had been dissolved and replaced by the Amador Mining Company, a corporation.

We shall make the change but before releasing the contract we must know if the corporation is owner, lessee or vendee. If the corporation is other than sole owner, then we must have a copy of the lease, vendor's agreement, assignment, subordination agreement, whichever is needed to complete Section 2 of the contract.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge/lm/meh
12/28/51
cc: Adm. R. Files
Mails and Files
C. O. Mittendorf
C. H. Johnson
E. T. McKnight
Region II
G. C.Selfridge
Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

December 21, 1951

Mr. C. O. Mittendorf, Acting Administrator
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: Docket DMA 2013X
Amador Mining Company
Exploration Contract
Idm-E215

Dear Sir:

Returned herewith are copies of the subject contract unsigned by the applicant. A letter from the applicant points out that since submittal of the application for a DMEA contract, the partnership composed of James Charlton and Merrill H. Christman, 1712 Howell Street, Missoula, Montana, has been dissolved, and in its place a corporation was setup under the Corporate laws of the State of Montana. The new corporation is known as the Amador Mining Company; it was incorporated September 19, 1951.

It is recommended that the subject contract be changed to read as follows:

> It is agreed this 30th 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 The Amador Mining Company, a corporation, P. O. Box 118, Missoula, Montana.

All changes made in the contract concerning work to be done and items to be purchased are agreeable to the applicant, who has notified this office that a corporate official will sign the contract when the contract has been properly amended.

Yours very truly,

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 26 1951

Thor H. Kiilsgaard

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

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 26 1951

FILE COPY
400
SURNAME:

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

Sellmage
Mittenhof (for)

DEC 3 - 1951

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

Re: Docket DMA 2013X - Copper
Amador Mining Company
Amador Mine
Exploration Contract Idm-E215

Dear Mr. Weissenborn:

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" (6 pages) and two maps.

If the terms and conditions of this contract are satisfactory to you, and are approved by the Operator, all six copies should be signed by the two partners. One copy is to 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. The item for building a mile of new road was not allowed as the Company has been shipping ore from the property and should be able to use the present road to freight in the equipment and supplies needed to do the exploration.

2. The item for ties, which had been increased from $125.00 to $325.00 between applications, has been changed to include ties at $100.00 a thousand since mine timber around Butte and Western Montana costs between $60.00 and $70.00 a thousand.

3. The item for tools was reduced.

4. The item for 3" pipe was reduced from 3,700 feet to

BE

2,000 since the work is exploration and the item for 2" pipe was increased from 500 feet to a maximum of 1,500 in case some is needed for auxiliary ventilation in places that need be examined for geological data.

5. The item providing for timber crews during the 4th, 5th and 6th months was not allowed as their work would not be of direct benefit to the proposed exploration.

6. Two hoistmen were added for the unwatering of the shaft as it was not known whether the applicants intended to act as hoistmen during the period or not.

7. An item for more timber was added.

8. Since all auxiliary costs but powder, fuse and caps were mentioned an item for them was added to give a complete breakdown of costs.

The above changes have reduced the total estimated cost of the project from $81,389.20 to $72,190.00.

Please note that the item for "Equipment to be rented" is partly starred. While the Company could use one small air hoist while unwatering the shaft it did not seem necessary that it needed two and once the shaft is unwatered the hoists should not be needed to drive the drifts. The rental of two stopers is questioned since no raises are being driven. It is known that some men drive faces with a stoper but the practice is not common. The maximum rental values have not been changed but the Company should rent its equipment on a straight rental basis rather than on a purchase option which is more expensive. The Legal Department thought it best that the Government did not become involved in that type of contract. There is no objection to the Company renting its equipment on a purchase option basis charging normal rent to the project and paying the difference in case it wishes to acquire the equipment at a later date.

As recommended by the field team in a letter of April 19, 1951, the contract has been drawn up to unwater the shaft to the 400 foot level and to examine the workings before proceeding to the 700 foot level. The procedure seems logical since the reserves between the 450 and 700 foot levels are estimated at only 64 tons per foot of depth.

Enclosures-6
APPROVED:

Chairman, Operating Committee

Member, Bureau of Mines

Member, Geological Survey

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge/hmj/meh
11-30-51
cc to: R. & R.
Adm. Reading File
Mr. Mittendorf
Mr. Selfridge
Mr. McKnight
Mr. C. H. Johnson
Mr. Moon
Docket
Region II (2)

FILE COPY
SURNAME:

Guthrie

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

November 19, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: The Amador Mining Company, a partnership, exploration contract -- Docket No. DMA-2013

The proposed contract was the subject of my memorandum to you of November 13, in which I pointed out with respect to "Operating equipment" that the provision which would allow the application of the monthly rental to the ultimate purchase of the equipment is objectionable in this sort of contract. The proposed contract was returned to this office on November 16 in exactly the same form, apparently, except that the provision referred to in my memorandum of November 13 is stricken out.

The striking out of the provision does remove the legal objection to the contract, but it leaves in question the reasonableness of the amounts allowed for rent on the various items of equipment to be rented. The amounts set forth in Schedule A under the title "Equipment to be rented", like all of the other items in Exhibit "A", are mere estimates, and of course the items should be procured at the lowest possible rental. In view of the earlier intention to procure all or some of these items on a rental basis which would allow application of some or all of the payments for rental to apply on the ultimate purchase of the equipment, I suggest that you call to the attention of the administrative officers in the field the necessity for procuring these items on a straight rental basis, with no element of purchase involved, at the lowest possible rental rates.

The subject contract in the form now submitted is approved as to legal content and sufficiency.

Your file is returned herewith.

NIS
R&R

J. L. Hofflund

J. L. Hofflund
General Counsel

Copy to: Repts. & Records
R. R. Guthrie
J. L. Hofflund
Chron.
(opinion file)

bl

Attachment
JLHofflund/bjl

FILE COPY
SURNAME:

Authors

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

November 13, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: The Amador Mining Company, a partnership, exploration contract ~~DMA-2013~~

The draft of a proposed exploration contract, submitted to this office on November 9, is acceptable from a legal standpoint, except in one respect:

In Exhibit "A", under the title "Operating equipment", subtitle "Equipment to be rented" it is stated: "The above equipment will be rented on a purchase basis which will allow 90 percent of the rental value to be applied to the purchase price." Of the seven items set forth under this title, the first one is computed on a rental period of six months and the remaining six are computed on rental periods of four months each. No indication is given of the total purchase price of any of the seven items, or of how much would remain to be paid to purchase the items after the termination of the rental period.

It does not seem practicable in these Exploration Project Contracts to permit the procurement of operating equipment on a combined basis of rental and purchase. Presumably, the monthly payments for the equipment are higher when 90 percent of each payment may be applied to the purchase price. The transaction for the equipment is in the name of the Operator, for his own account; vouchers for payment by the Government will claim the payment as rental; and there seems to be no practicable way of computing or of giving to the Government an equity in the equipment as it is ultimately purchased. And for all the account shows, any purchase of the equipment may be accomplished only long after the Exploration Project Contract is terminated.

Under these circumstances, it seems necessary to this office to lay down a rule that operating equipment can be procured either by purchase or by rental, but not by a combination contract unless it is

clear on the face of it that the rental-purchase transaction will be concluded within the period of the Exploration Project Contract. If such a rental-purchase transaction is concluded within the period of the Exploration Project Contract, the Government will have an opportunity to participate in determining whether it wants to protect its interest by completing the purchase of the equipment.

Your file in this case is returned herewith.

J. L. Hofflund
J. L. Hofflund
General Counsel

Attachment

JLHofflund/bjl

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

AMADOR MINING COMPANY

Copper, Gold and Silver

P. O. Box 118 MISSOULA, MONTANA

BOARD OF DIRECTORS
JAMES F. CHARLTON, President
MERRILL H. CHRISTMAN, Vice President
MELVIN M. FABERT, Treasurer
A. J. MOSBY
ALBERT R. GLOCKZIN, Geologist

November 9, 1951

Frank E. Johnson
Acting Director
Defense Minerals Administration
Washington 25, D. C.

Re: Docket No. DMA-2013X, Copper
Amador Mine
Mineral County, Montana

Dear Mr. Johnson:

In answer to your letter of October 30, 1951 we wish to advise you that the above mentioned property is entirely free of any lien or encumbrance. The final payment on this property was made in June, 1951.

In checking into the true legal description of the property please find enclosed a letter from Mr. Lyman and Mr. Byers of the United States Forest Service, Missoula, Montana, in which they have stated their reasons for the location which they gave to Mr. John Tabor of the United States Bureau of Mines, which I believe is where you obtained that description. As the Cedar Creek Mining District is still unsurveyed except for some projection mapping done by the Forest Service, Mr. Lyman states that their location is approximate but they believe it to be very close. At Mr. Byers suggestion I contacted the County Commisioners in Mineral County and they have informed me that when an exact true legal description has been established they will alter their records to conform with it. I am also writing them a letter enclosing a carbon copy of the letter we are sending to you from the United States Forest Service for their examination and approval.

Any further information you may need will be forthcoming upon your request.

Sincerely yours,
Merrill H. Christman
Merrill H. Christman
Vice President, Amador
Mining Co.

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
LOLO NATIONAL FOREST

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 19 1951
Defense Minerals Administration,
Production Expansion Division.

ADDRESS REPLY TO
FOREST SUPERVISOR
AND REFER TO

MISSOULA, MONTANA

U
ADJUSTMENTS - Lolo
Amador Mine

November 6, 1951

OFFICIAL FILE COPY

To	Init.	Date
210		

Frank E. Johnson, Acting Director
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Johnson:

Reference is made to your letter of October 30 to Mr. James Charlton regarding Docket No. DMA-2013X, Copper Amador Mine, Mineral County, Montana.

To my personal knowledge the description of the Amador group as shown in Township 15 North, Range 26 West, unsurveyed, is in error. The Amador group is in approximate section 28, Township 16 North, Range 27 West on Cedar Creek.
T. N. R. W.

This fact is borne out by the survey of the old Amador Mine Railroad which runs from the mouth of Cedar Creek to the Amador Mine. The tie at the mouth of Cedar Creek at the beginning of the railroad ties to the northwest corner of section 3, Township 16 North, Range 26 West, being some 489 stations to the Amador Mine. Notes of the survey are on file in this office and have been used in connection with the Forest Service road No. 320 up Cedar Creek.

It seems advisable for Mr. Charlton to make some effort to have the location description corrected in the Land Office and in Mineral County.

Very truly yours

C. K. LYMAN, Forest Supervisor

By C. R. Byers. Acting

The property is also described as being in

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
Nov 13 1 44 PM '51

400

FILE COPY
SURNAME:

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

OCT 30 1951

AIR MAIL

Selfridge
Johnson

Mr. James Charlton
Amador Mining Company
1712 Howell Street
Missoula, Montana

Re: Docket No. DMA-2013X, Copper
Amador Mine
Mineral County, Montana

Dear Mr. Charlton:

Will you please advise us whether or not the above mentioned property is now free of the small purchase lien mentioned in earlier correspondence, or free from any lien or encumbrance.

Also will you please furnish us with the true legal description of the property as it is now recorded. One map of a later date than the patent plat shows the Amador mine in Section 28, T.16N., R.27W., instead of T.15N., R.26W.

Sincerely yours,

10/30

(signed) FRANK E. JOHNSON (fw)

Acting Director

GCSelfridge/jem
10-26-51

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf, Olund
Mr. Gowen
Mr. C. H. Johnson
Mr. McKnight
Mr. Selfridge
Docket

FILE COPY
SURNAME:

DMH-Docket
RVWaugh

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

OCT 25 1951

Mr. Merrill Christman, Vice President
Amador Mining Company
Missoula, Montana

Re: DMA Docket 2013

Dear Mr. Christman:

This is to acknowledge your letter of October 17, 1951 regarding the status of your application.

The application in question has been reviewed by the Copper Branch of the Supply Division, Defense Minerals Administration and has been referred to the Production Expansion Division for further processing.

The total cost of your project has been revised to include an additional $700 for sampling. It is also possible that the Production Expansion Division will wish to make further minor revisions.

Very truly yours,

J. B. Gowen

J. B. Gowen, Chief
Copper Branch

RVWaugh:pk
10/24/51

Copy to: Administrator's Reading File
Executive Officer, Region II
Copper Branch
Files-DMA Docket

AMADOR MINING COMPANY
Copper, Gold and Silver
P. O. Box 118
MISSOULA, MONTANA

DEFENSE MINERALS ADMINISTRATION WASHINGTON
OCT 22 10 56 AM '51

BOARD OF DIRECTORS
JAMES F. CHARLTON, President
MERRILL H. CHRISTMAN, Vice President
MELVIN M. FABERT, Treasurer
A. J. MOSBY
ALBERT R. GLOCKZIN, Geologist

October 17, 1951

J. B. Gowen
Chief Copper Branch
Defense Minerals Adm.
U. S. Bureau of Mines
Washington 25, D. C.

Dear Mr. Gowen,

I am writing to inquire as to the progress of the Exploration Loan, Docket No. DMA 2013 for the Amador Mining Co. Having had no word from you for several weeks we are wondering if there is any additional information which we can provide?

Another reason for the inquiry is that we have located a 200 horsepower Fairbanks Morse Deisel electric set which is in very good condition and can be purchased for a fraction of the original cost.

This electric set is owned by a local lumber company but is located up in the woods near where they are dismanteling a sawmill so if we had something more or less definite to tell them they would move it in to town and hold it for us. Any information you could give us would really be appreciated for this reason.

Sincerely yours,
Merrill H. Christman

Merrill Christman,
Vice President,
Amador Mining Co.

310

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 19 1951
Defense Minerals Administration,
Production Expansion Division,

OCT 18 1951

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

Memorandum:

To: Director, Production Expansion Division

From: Director, Supply Division

Subject: Application for exploration aid of Amador Mining Company, 1712 Howell Street, Missoula, Montana, DMA-2013, Commodity-Copper, Government Participation-$41,042.10

Transmitted herewith are six copies of a contract with exhibits attached and two Forms MF-103 with supporting data.

This project is recommended for approval by the DMA Field Team Region II. In drawing a contract, it is recommended that the proposed diamond drilling from the 4th level be forseen in the contract but that the location and direction of the holes be worked out by the Field Team after the unwatering and examination of the 7th level. The Supply Division concurs in these recommendations.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Attachments:

9/29

Mike —

I think this ok, but really believe you should ask Wanerton if he concurs, before having it processed. The cost of a 10 minute phone call to Spokane will be small if it serves to bring out any objections to the proposal. My only criticism is that the old holes are too deep; three or four holes aimed to cut overshoot 200-300 feet below the lowest level (400) would be better than taking such a long shot. Are there any deeper levels? If so, the decision ~~and~~ about drilling should wait until pumped out

CJ

In drawing contract it is recommended that diamond drilling be limited to 100 feet below sill, and that final drilling program be contingent upon the existence and state of 7th Level.

JBG.

Proposed from the 4th level

Final DD program ~~be contingent~~ can be limited to intersect the veins at 100 ft below the sill. Further drilling be contingent upon the existence and state of the 7th level

AMADOR MINING CO.
OFFICE
1712 HOWELL STREET
MISSOULA, MONTANA
PHONE 9-2226 OR 2967

September 17, 1951

OFFICIAL FILE COPY

To	Init.	Date
310	BJ	SEP 21 1951
Cu. 210	GW	Sept. 20/51

J. B. Gowen, Chief
Copper Branch
Defense Minerals Adm.
U. S. Bureau of Mines
Washington, D. C.

Dear Mr. Gowen,

I wish to express my sincere appreciation for the fine cooperation which you gave me while I was in Washington, D. C.

We have everything here in Montana set up now for our active participation in the Exploration program for the Amador Mining Company at Superior, Montana. We have not made any purchase of equipment yet and if we do so before the contract is dated we will wire you to that effect as I agreed to do when I talked to Mr. C. O. Mittendorf there in Washington, D.C.

We are anxious to start in as soon as possible and to begin the preliminary rehabilitation that I talked with you about last month. We will sincerely appreciate hearing from you as soon as the contract has cleared the legal department and received its final approval.

I talked with Thor Kiilsgard in Spokane and explained my trip to Washington and the 1000' of proposed diamond drilling. He was very glad that this had been included in the contract and said that if you contacted him concerning it he would explain anything which I neglected to mention to you.

I also talked to the Diamond Drill Contracting Co. in Spokane, Washington and they stated that as soon as the shaft was pumped they would come in and make a survey in the mine and the equipment would be available, with a fifteen to thirty day advanced notice for the drilling operation.

If there is any additional information that you need please wire us collect and we will get it back to you as soon as possible. I sincerely hope that everything is in order and will, or possibly it already has, go through at a very early date. We are prepared to start as soon as we receive official confirmation from you office.

Best Personal wishes,

James Charlton

James, Charlton, Pres.
Amador Mining Co.

SEP 21 10 14 AM '51
DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

310

FILE COPY
SURNAME:

Gowen

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

Memorandum

To: H. A. Montag, Director, Requirements Division

From: Tom Lyon, Director, Supply Division

Subject: Loan Application of James Charlton and Merle Christman, Amador Mining Company, 1712 E. Howell Street, Missoula, Montana. Docket DMA-2013. Commodity-Copper.

Attached is our analysis of both the applicants' and the DMA Field Team's reports on the subject application. It is to be noted that the original application has been amended to comply with the Regulations Governing Aid in Defense Exploration Projects. The present application is for an exploration project costing $81,000 of which 50 percent will be borne by the applicant.

Tom Lyon

not stripped in R.+R

Tom Lyon, Director
Supply Division

Attachment

JBGowen:rw
9-5-51

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

a.t.c -

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2013

Commodity Copper

Total Amount $81,389.20

Govt. Participation 50% $40,694.60

1. Name and Address of Applicant Amador Mining Company
1712 Howell ST. — Missoula, Mont.

2. Location of Property Cedar Mining District - Superior, Mont.

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

If not, application will be rejected.

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

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

a) Good ✓

b) Poor

c) None

d) Don't know—needs field examination

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

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

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

Does the lease have sufficient time to run to cover a future

productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

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

a) Available manpower Yes

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

c) Accessibility (question 12)* Yes

d) Water (question 13)* 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? ?

_____

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 NOT g

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

c) Are rents and charges reasonable? High - but 90% of Rental cost goes towards purchase price

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

DMA # 2013

Exhibit A

Exploration Project

1st Mo. ✓ Repair existing facilities & install needed ones

2nd Mo ✓ Pump out mine

3rd Mo ✓ Preliminary geological survey of mine
✓ 180' of exploratory drifting

4th Mo ✓ 2 650' diamond drill holes from hanging wall of 400' to intersect ore vein at 1000' depth
✓ 360' of exploratory drifting

5th Mo ✓ 360' of exploratory drifting if geology dictates
✓ Repair timber
✓ Make map survey of ore reserves

6 mo Finish off

Exhibit A (con't)

Summary of Costs

	$
Drifting & crosscutting - 1000' @ $30.00/ft	30,000.00
Diamond drilling - 1300' @ $3.50/ft	4,550.00
Repair of existing facilities	5,620.00
Installation of new facilities	3,190.00
Rental cost of exploration equipment	8,040.00
Purchase of exploration equipment & supplies	27,589.20
Supervision costs	2,400.00
	$ 81,389.20

~~Exhibit B~~

Installation of new facilities

			$
Install	of	ventilation equipment	225.00
"	"	Ties & Track	1000.00
"	"	air lines	500.00
"	"	hoist & cable	165.00
"	"	300' No. 00 - 600V. 3 condi. cable	100.00
"	"	snow blade on Ford Truck	1200.00
			3,190.00

~~Exhibit C~~

Equipment to be purchased.

1 - 200 KW - 9M Diesel Electric plant	$ 9,000.00
2 - 2TLN - 20HP pump @ 200' TOH cost/pump $400	800.00
1 - 2THL - 30HP pump @ 300' TOH	900.00

Exhibit C (con)

700' 18" Ventube - 50' lengths @ $76.00/	$1,069.00
T.M. Blower & coppus	565.00
Cost of 2-3" columns & arms $100 each	200.00
	$12,534.00

F

LABOR

1 cook	@ $300/mo	6 mos		1800.00
1 hoistman	$15.20/sh	364.80/mo	6 mos	2188.80
1 hoistman		364.80/mo	3 mos	1094.40
2 Miners & Timbermen	@ $375/mo		2 mos	1500.00
4 miners	$15.20/sh	364.80/mo	4 mos	5836.80
4 miners (Timber crew)		364.80/mo	3 mos	4377.60
2 muckers	13¢/sh	312/mo	4 mos	2496.00
laborers @ 13¢/sh for 348 shifts				45.24.00
				23,817.60

SUPERVISION

2 men	@ $200/mo		6 mos	2,400.00
				26,217.60

14. Exhibit E (question 23-c)*

a) Is it applicable? yes

b) Sufficient data? yes

c) Reasonable? yes

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?

Approval Recommend

Reviewed by: R W Lewis
A B Gowen
C G Johnson

Date 9/29/57

97692

August 27, 1951

Mr. James F. Charlton, Senior Partner
Amador Mining Company
1712 Howell Street
Missoula, Montana

Subject: DMA-2013
Re: Exploration Loan
Amador

My dear Mr. Charlton:

This will acknowledge receipt of your application dated for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA- 2013 and referred to the Copper Branch.

Kindly refer to DMA- 2013 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

Mr. M:

Mr. Johnson thot you might want to see this.

fw

400

AUG 17 1951

AMADOR MINING CO.

OFFICE
1712 HOWELL STREET
MISSOULA, MONTANA

PHONE 9-2226 OR 2967

August 14, 1951

Noted

Mr. C. O. Mittendorf, Director
Production Expansion Division
Department of Interior
Washington, D. C.

Dear Sir,

In reference to your letter of August 6, concerning DMA application for Government Loan No. 341, I wish to state that prior to the receipt of your letter the Amador Mining Co. had contacted the Defense Minerals Administration and offered to share the cost with the agency to open, rehabilitate and develop greater reserves and to mine our existing reserves.

We sincerely hope that your agency will see fit to grant such a request so that we can work together and place the Amador Copper Mine on a high plane of production.

I am sure that you are possibly even now in receipt of the letter that I mention.

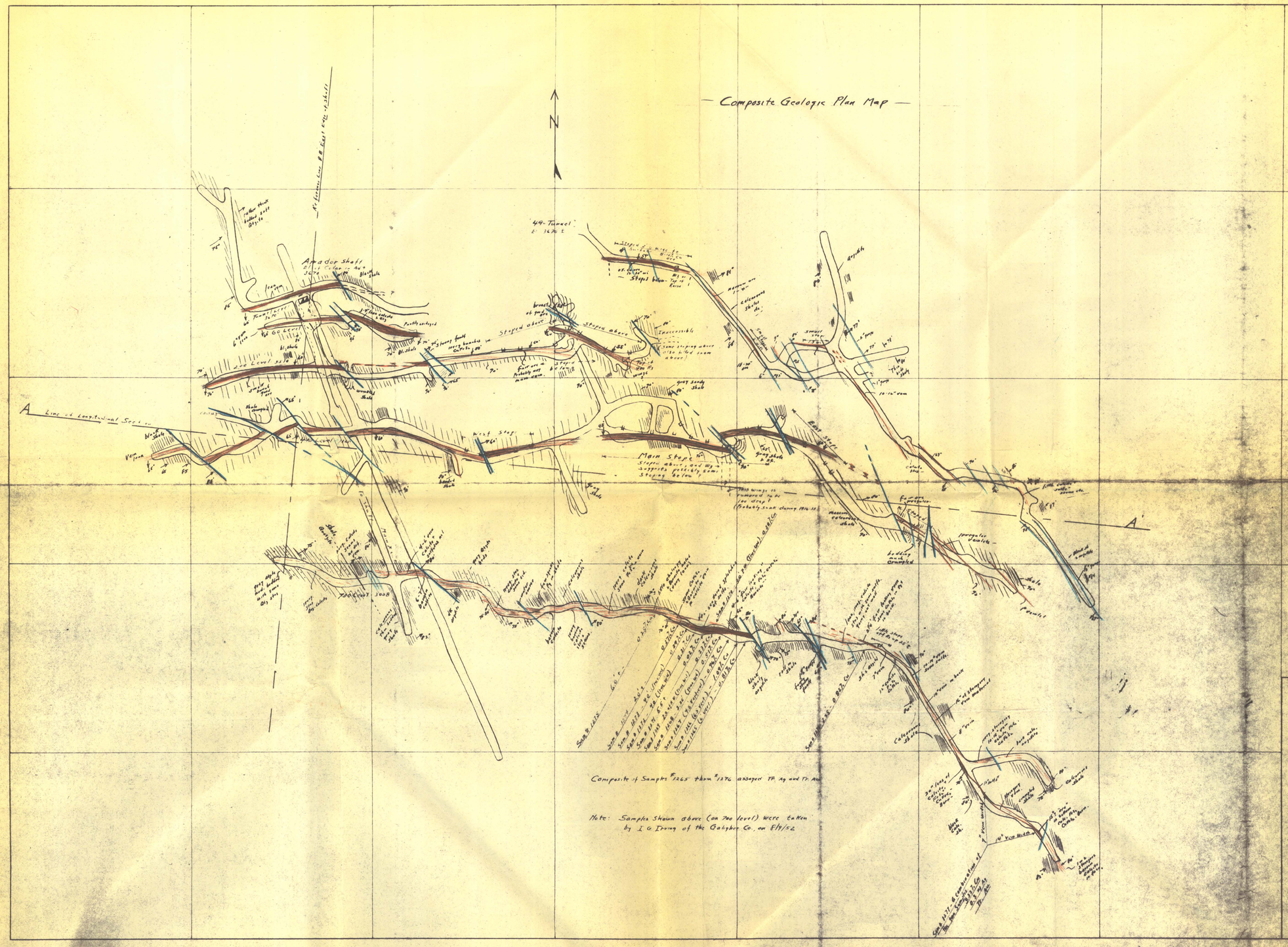
We stand ready to furnish any additional information you should desire upon your request.

Sincerely yours,

James Charlton

James Charlton
Amador Mining Co.
1712 Howell St.,
Missoula, Montana

File
Supply Div. will write to operator re: consideration of an Exploration Project
8/17/51 JEJ



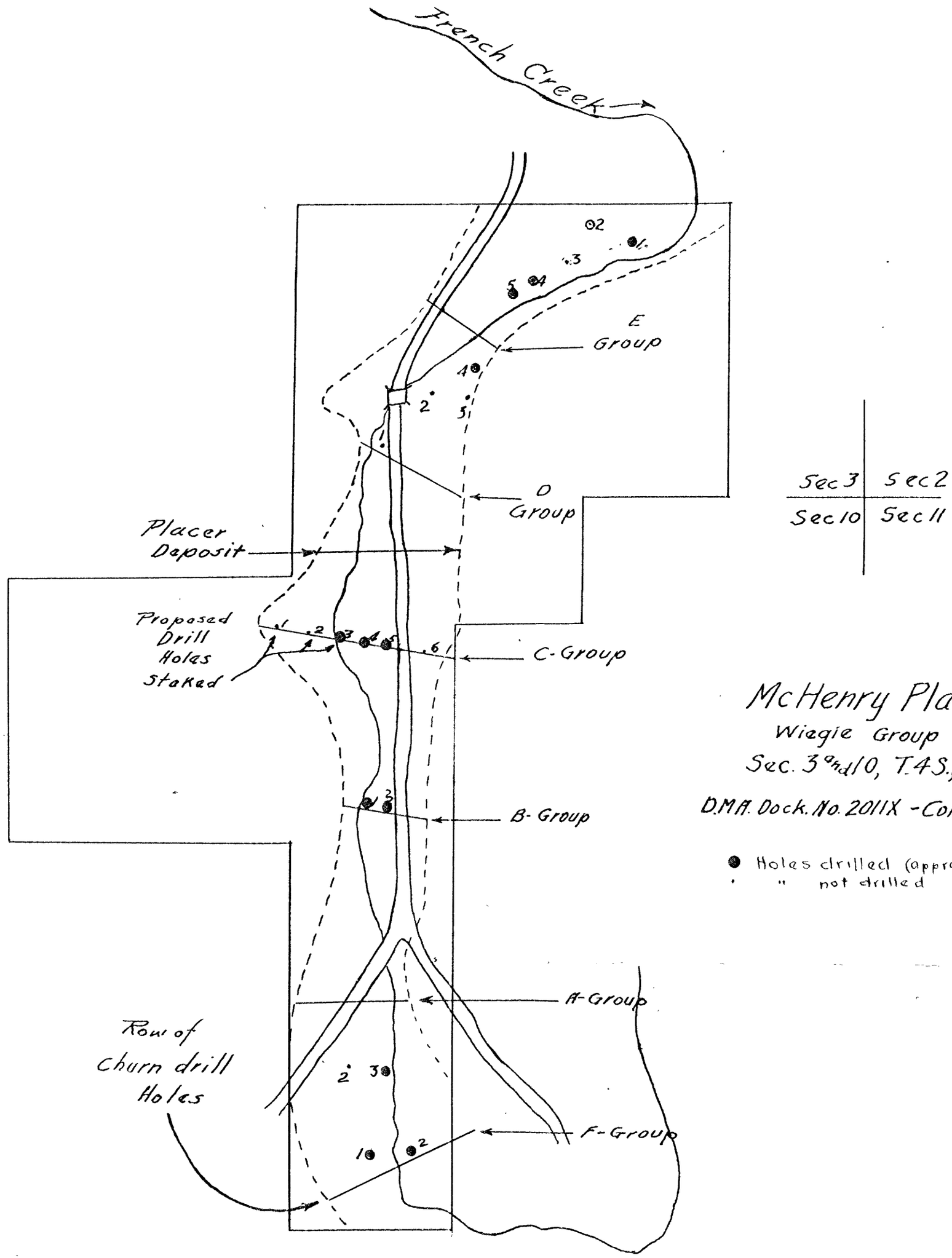
LONGITUDINAL SECTION
and
COMPOSITE GEOLOGIC PLAN MAP
of
AMADOR MINE

Superior Mineral Co. Montana

Scale 1" = 50'

Note: All levels surveyed, [illegible] levels [illegible] 44 Tunnel [illegible] (Scale [illegible]) but are roughly [illegible]

by: I. G. Irving The Galyher Co. [illegible]


French Creek
E Group
D Group
Placer Deposit
Proposed Drill Holes Staked
C-Group
B-Group
A-Group
F-Group
Row of Churn drill Holes
Sec 3
Sec 2
Sec 10
Sec 11
McHenry Placer
Wiegie Group
Sec. 3 and 10, T.4S., R5E., B.H.M.
D.M.A. Dock. No. 2011X - Contract Idm E-252.
Holes drilled (approximate location)
" not drilled " "

PLAT

OF THE CLAIM OF

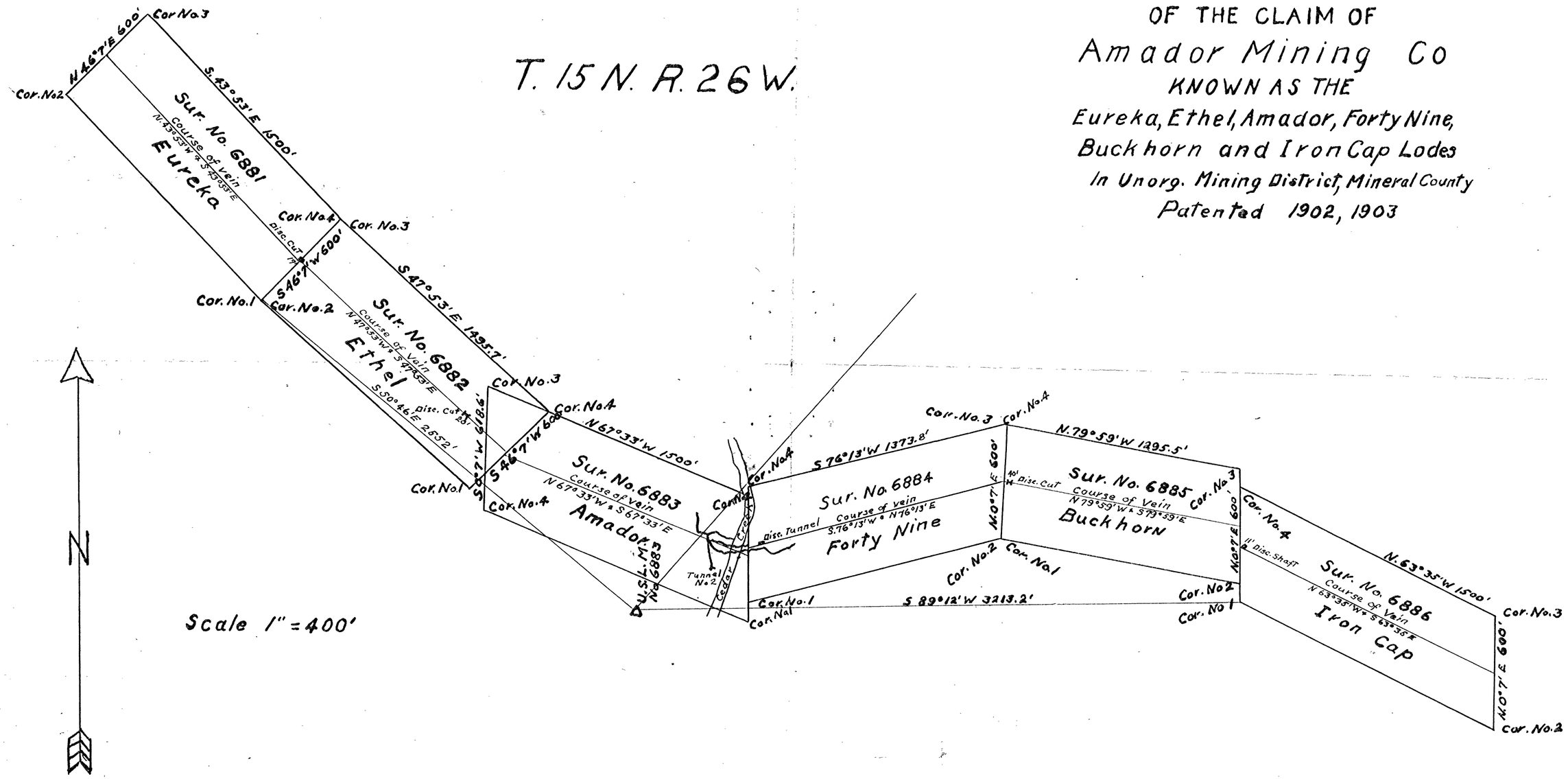
Amador Mining Co

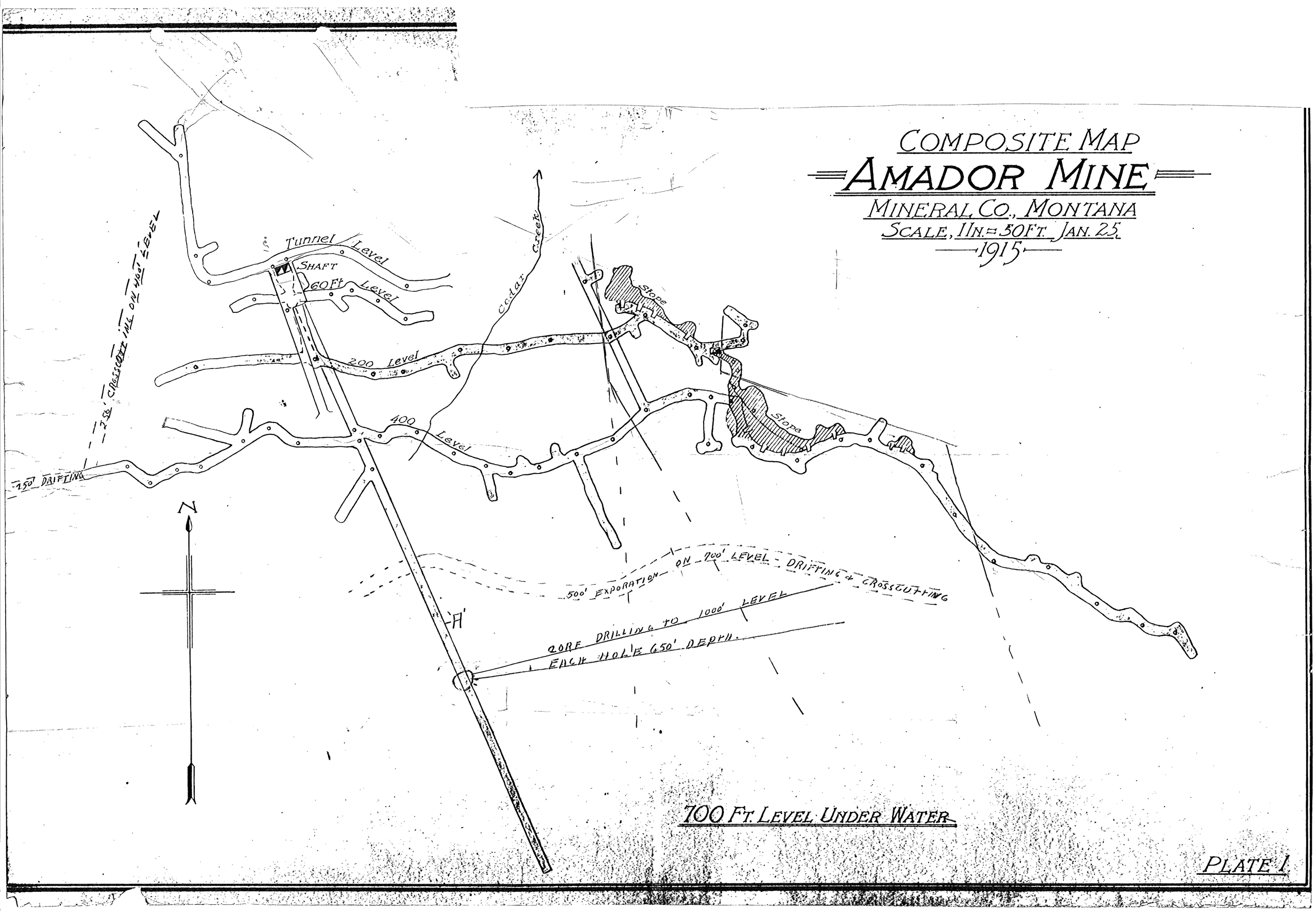
KNOWN AS THE

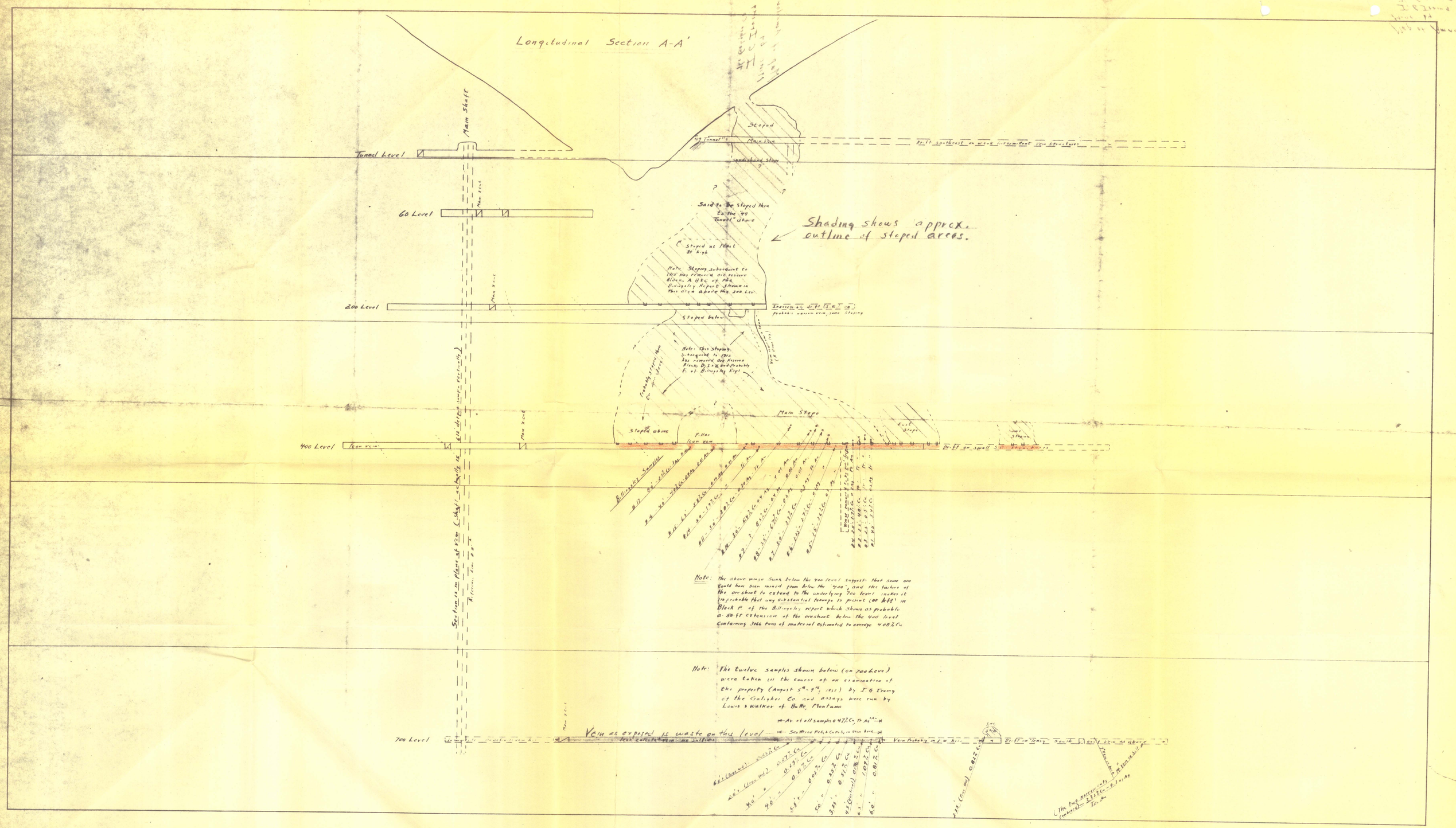
Eureka, Ethel, Amador, Forty Nine, Buckhorn and Iron Cap Lodes

In Unorg. Mining District, Mineral County

Patented 1902, 1903




COMPOSITE MAP
AMADOR MINE
MINERAL CO., MONTANA
SCALE, 1 IN. = 50 FT. JAN. 25.
1915
Tunnel Level
SHAFT
60 Ft Level
200 Level
400 Level
Cedar Creek
Stope
Stope
250' CROSSCUTTING ON 400' LEVEL
250' DRIFTING
N
500' EXPORATION ON 700' LEVEL DRIFTING & CROSSCUTTING
'A'
CORE DRILLING TO 1000' LEVEL
EACH HOLE 650' DEPTH.
700 FT. LEVEL UNDER WATER
PLATE I



Note: The above winze sunk below the 400 level suggests that some ore could have been mined from below the "400", and the failure of the ore shoot to extend to the underlying 700 level makes it improbable that any substantial tonnage is present (or left) in Block F of the Billingsley report which shows as probable a 50 ft extension of the ore shoot below the 400 level containing 3666 tons of material estimated to average 4.08% Cu.

Note: The twelve samples shown below (on 700 Level) were taken in the course of an examination of the property (August 5th–9th, 1951) by J. B. Irving of the Gallagher Co. and assays were run by Lewis & Walker of Butte, Montana.

Av. of all samples 0.477% Cu, Tr. Ag

Scattered FeS, & CuFeS, in vein here

Vein Pinching in & out here

Dr. ft in Tenity South 60 ft 12 in as above

0.61% (Cu-ox) 0.02% Cu

0.61% (Cu-ox) 0.02% Cu

40" " 0.02% Cu

40" " 0.02% Cu

5.5" " 0.02% Cu

50" " 0.52% Cu

38" " 0.52% Cu

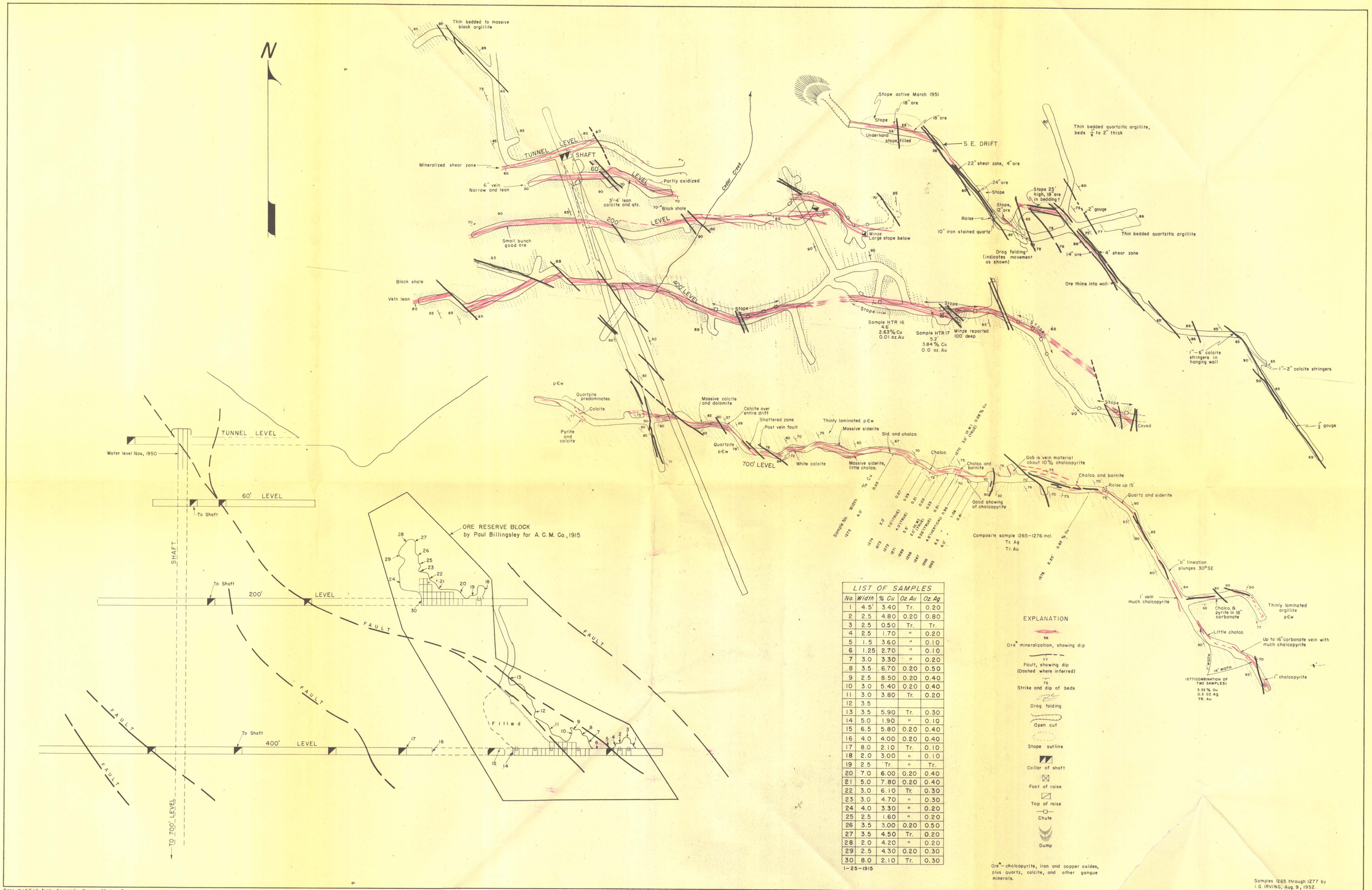
45" (Cu-ox) 0.02% Cu

5" " 1.02% Cu

60" " 0.02% Cu

3.25" (Cu-ox) 0.02% Cu

(The two samples (Cu-ox) 3.3% Cu — 0.5% Ag Tr. Au)



LIST OF SAMPLES				
No.	Width	% Cu	Oz. Au	Oz. Ag
1	4.5'	3.40	Tr.	0.20
2	2.5	4.80	0.20	0.80
3	2.5	0.50	Tr.	Tr.
4	2.5	1.70	"	0.20
5	1.5	3.60	"	0.10
6	1.25	2.70	"	0.10
7	3.0	3.30	"	0.20
8	3.5	6.70	0.20	0.50
9	2.5	8.50	0.20	0.40
10	3.0	5.40	0.20	0.40
11	3.0	3.80	Tr.	0.20
12	3.5			
13	3.5	5.90	Tr.	0.30
14	5.0	1.90	"	0.10
15	6.5	5.80	0.20	0.40
16	4.0	4.00	0.20	0.40
17	8.0	2.10	Tr.	0.10
18	2.0	3.00	"	0.10
19	2.5	Tr.	"	Tr.
20	7.0	6.00	0.20	0.40
21	5.0	7.80	0.20	0.40
22	3.0	6.10	Tr.	0.30
23	3.0	4.70	"	0.30
24	4.0	3.30	"	0.20
25	2.5	1.60	"	0.20
26	3.5	3.00	0.20	0.50
27	3.5	4.50	Tr.	0.20
28	2.0	4.20	"	0.20
29	2.5	4.30	0.20	0.30
30	8.0	2.10	Tr.	0.30

1-25-1915

Base modified from Anaconda Copper Mining Co.
Geology by T. H. Kiilsgaard and W. A. Roberts, March, 1951 (S. E. Drift)
Geology of 700 Level by R. E. Wallace and J. W. Hosterman, July, 1952

MAP AND SECTION
of the
AMADOR MINE, MINERAL COUNTY, MONTANA

Showing Prominent Geologic Features in Accessible Workings

0 50 100 150 200 250 300 Feet