Helena Montana, October 11,1955.

RECEIVED
BUREAU OF MINES
OCT 1 1955

DMEA
Bureau of Mines
301 Administration Building
Montana School of Mines
Butte, Montana.

RECEIVED
OCT 3 1 1955

Re Docket No. DMEA 3548
Boss Mines Inc.
Cascade County Montana
Contract No Idm.E743

Gentlemen;-

There was no work carried out under our contract in the month of September,1955.

All the work was done in the winze. I did not wish to stop this work as the walls are soft in places and if allowed to soak up with water,would give us trouble.

I have been trying to get two more miners so that we could do the 40 feet of drifting,now authorized, on the wall of the rhyolite dike near the face of our cross-cut.
Most of the miners have been engaged in the pulping operations in the timber but I have two in sight who have promised to be on the job by the 15th,at which time we will start the drifting above mentioned.

We have shipped four car loads of ore to the A S & R at East Helena,but have received no settlements so far. This ore should run aprox 60 ounces ag and about 6% lead.
The vein ore runs much better but we have a "horse" between the two veins and there is no chance to sort that out or mine it selectively like we could in a drift or stope.

I am not making out a Progress report or Voucher as there was no work under the contract for the month.

Yours very truly,

Boss Mines Inc.

C.L.Hewitt, Pres.

800

So. 157 Howard Street
Spokane 4, Washington
September 3, 1962

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Royalty report
DMEA-3948 (Lead-Zinc)
Rose Mines, Inc.
Rose and Atlantus Claims
Cascade County, Montana
Contract IDm-8743
and
DMEA-129 (Lead-Zinc)
Bennett Mining Company
Dacotah Mine
Cascade County, Montana
Contract IDm-881

On August 28, 1962, Mr. Masterlik, owner of a grocery store in Neihart, Montana, was interviewed. He has lived in Neihart for many years and is familiar with both the subject properties. He stated with flat certainty that no ore has been shipped from the Dacotah mine since the end of 1954 or the Rose mine since the end of 1957.

According to Masterlik, at both properties the buildings are deteriorating, and the workings are being allowed to cave and flood. The access roads have not been maintained and at best could be negotiated only by a Jeep-type vehicle. Therefore, the properties were not visited.

D. R. Maclaren

Distribution:
OMM(4)
Docket(2)
OMM,CFP(2)

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Amended Contract Idm-E743, Docket DMEA-3548 (lead-zinc), dated September 18, 1956, with

Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Boss Group and the Rochester Group of claims located in Cascade County, Montana, during the period October 3, 1957, through February 1, 1962.

A certification of discovery or development was issued on September 12, 1956, and, in accordance with Articles 6 and 10, Annex II, and Amendment No. 1 of the amended contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 13 years from the date of a prior contract (December 7, 1954) or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated August 18, 1958, indicated accepted costs under the exploration contract amounting to $39,399.50 with the Government's contribution on a 50 percent basis being $19,699.75.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established no sales subject to the Government's royalty subsequent to the period covered by a prior Royalty Audit Certificate which found the sales subject to the Government's royalty through October 2, 1957, to be $34,224.26. The royalty account as of October 2, 1957, was:

Total Royalty Payable	$1,680.90
Total Royalty Paid	1,712.22
Overpayment of Royalty	$ 31.32

As of February 1, 1962, the royalty account of this project was found to be:

Total Royalty Payable	$1,680.90
Total Royalty Paid	1,680.90
Balance of Royalty Due	$ -0-

E D Talbert

February 6, 1962

E. D. Talbert, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

The property under this exploration project contract consists of the Rochester, Unity, Boss, and Atlantus Quartz Lode Mining Claims. At the time the contract was executed, the Operator held possession of the Rochester and Unity claims (known as the Rochester Group) by virtue of a November 22, 1954, lease and option to purchase from the Receiver of the Broadwater Consolidated Mines. Possession of the Boss and Atlantus claims (known as the Boss Group) was held by a September 8, 1954, assignment from C. L. Hewitt (the Operator's president) of a lease and option to purchase of the same date from Neihart Consolidated Silver Mining Company.

The contract provides that the Operator, as principal if the producer or as surety if not the producer, shall pay the Government's percentage royalty on production from the land under the contract. To further secure the payment, Consents to Lien and Subordination Agreements were executed by the Receiver of Broadwater Consolidated Mines on September 28, 1956, and by Neihart Consolidated Silver Mining Company on October 1, 1956.

The Operator discontinued work under the contract on October 9, 1957, due to a lack of funds. During the exploration work a total of 1,453.0165 tons of ore were shipped and, according to an October 24, 1957, letter from the Operator, "a large tonnage of good milling ore" was left upon cessation of operations. The Operator subsequently estimated, and the examining engineer confirmed by measurement, that the stockpile contained approximately 1,500 tons of low grade ores. Article 6(d) of the amended contract grants to the Government the option of requiring computation and payment of royalty on unsold production after six months from the date of extraction.

A prior Royalty Audit Report and Certificate covers the sales of production during the exploration work. Overpayments of royalty aggregating $31.32, as disclosed by that audit, were claimed by and refunded to the Operator in September 1958.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) The files indicate that all sales of production have been reported and proper royalty thereon paid;
(2) The property has been inactive since October 1957; and

(3) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address

Mr. C. L. Hewitt, President

Boss Mines, Inc.

P. O. Box 904
Helena, Montana

Amended Contract No. **Idm-E743** | Docket No. **DMEA-3548 (Lead-Zinc)**

Prepared by (Signature) Donald R. MacLaren | Date **2/2/62**

Yes	No	
		1. (a) Does the Operator stockpile ore subject to royalty repayment?
		(b) If so, is segregation and identification procedure adequate?
		2. (a) Does the Operator commingle production subject to DMEA or OME royalties with exempt production?
		(b) If so, is the allocation of the commingled production equitable?
		3. (a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?
		(b) If so, are adequate records maintained on such material to protect the Government's interest?
		4. Are the assay controls in effect adequate?
		5. Does the manner of disposing of production give the Government its fair royalty returns?
		6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?
		7. Does the Operator buy from or sell to other Operators?

*8. Current status of property. (Check one).

- [ ] Operating.
- [x] Inactive.
- [ ] Abandoned.

12/31/58 Date of last production if not operating.

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:

***According to a Request for Information form signed by C. L. Hewitt dated February 1, 1962, there has been no change inownership, lease, or sublease nor any production since December 31, 1958.**

84861-60

CM-1 B Div. Cont.

EXTRA COPY
O. M. E
RECEIVED FEB 1962
DATE
800

No. 157 Howard Street
Spokane 4, Washington
February 16, 1962

Memorandum

To: Chief, Fiscal Section, Division of Administrative Services, Office of the Secretary, Washington, D. C.

From: Acting Field Officer, OME, Region I

Subject: DMSA-3348 (Lead-Zinc)
Rose Mines, Inc.
Rose and Atlantic Claims
Cascade County, Montana
Amended Contract 14m-3743

There is enclosed a Report of Royalty Review dated February 6, 1962, for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Rose Group and the Rochester Group of claims located in Cascade County, Montana, during the period October 3, 1957, through February 1, 1962.

This Report of Royalty Review is for record purposes only and no copy has been provided for the Operator.

D. R. Maclaren

Enclosure

MLSmelser:mls
cc: CA&A Div., OME
OME; CPF
Reading copies to:
Nelson
Robbs
Guild

TTR 7-[illegible]

Memorandum

To: Acting Field Officer, Region I

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss and Atlantus Claims
Cascade County, Montana
Amended Contract Idm-E743

The original and one copy of a Report of Royalty Review covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.; and

(b) One copy for your files.

This Report of Royalty Review is made for record purposes only; therefore, no copy for the Operator is provided.

As evidence of your concurrence, a copy of your memorandum transmitting the original report to the Fiscal Section should be furnished this Division. If for any reason you do not concur, both copies of the report should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 2-7-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Rothrock

Memorandum

To: Acting Field Officer, Region I

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss and Atlantus Claims
Cascade County, Montana
Amended Contract Idm-8743

A Report of Royalty Review on the subject contract is in process of preparation by this Division. Your submission of an original and one copy of MMS Form 22, Check Sheet of Examining Engineer, will be appreciated.

The docket files of the Washington office indicate that the property was closed down on October 9, 1957. I assume that it has remained inactive; however, the last report in the files covers the period of July 1 to December 31, 1958. Furthermore, the files do not disclose whether the Operator terminated the lease, exercised the option to purchase, or continues the lease and possession.

If possible, therefore, please include under item 8 of MMS Form 22 a concise statement of activity or lack of activity on the property and any changes in leasehold, ownership, or possession of the four claims involved. Please also indicate the last date on which status was determined by examination or inquiry in lieu thereof.

EDTalbert/ama 1-24-62

cc:
Docket
Director's Reading File
CA & A Division

Standard Form No. 1034—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 3, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____

Vou. No. 2222

U.S. D.M.E.A.
(Department, bureau, or establishment)

Voucher prepared at Spokane, Washington 9/22/58
(Give place and date)

THE UNITED STATES, Dr., *Payee's Account No.* Idm-E743

PAID BY

(For use of Paying Office)

To Boss Mines, Inc.
(Payee)

545 N. Rodney Helena 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.
		Refund of royalty overpayment (See Royalty Audit Certificate and Royalty Audit Report by DMEA Auditor C. A. Turner, dated July 9, 1958).				31	32
PAYMENT: Complete ☐ Partial ☐ Final ☐		Refund claimed in letter dated Sept. 4, 1958, from C. L. Hewitt, President Boss Mines, Inc.					
		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	31	32

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

(Sign original only)

Date _____ *Payee _____
(This certificate not required when a like certificate is made by payee on attached bill or bills)

Per _____ Title _____

(Payee must NOT use this space)

Differences _____

Account verified; correct for 31 32

(Signature or initials) _____

Contract No. Date Req. No. Date Invoice Rec'd.

Pursuant to authority vested in me, I certify that this account is correct and proper for payment.

† Approved for $ _____

By _____

Title _____

SIGN ORIGINAL ONLY

† _____
(Authorized Certifying Officer)

Title _____

Date _____

THE REVERSE OF THIS FORM MUST BE EXECUTED WHEN PURCHASES ARE MADE OR SERVICES SECURED WITHOUT WRITTEN AGREEMENT IN ANY FORM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount

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____. Payee _____ }
(Sign original only)

Per _____

Title _____

* 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.

† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign on the line below "Approved for $_____", and over his official title.

16—22900-3

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.)

16—22900-2 ☆ U. S. GOVERNMENT PRINTING OFFICE : 1950—O-75806

1201 N. Division St.
Spokane 2, Washington

August 26, 1958

EXTRA COPY
RECEIVED
DATE | INITIALS | FILE
800

Mr. G. L. Hewitt, President
Bess Mines, Inc.
P. O. Box 924
Helena, Montana

Re: Docket No. DMEA-3548 (lead-zinc)
Bess and Atlantus Claims
Cascade County, Montana
Contract No. 14s-3743 (Amended)

Dear Mr. Hewitt:

Reference is made to our letter to you of August 11, 1958, enclosing a copy of Royalty Audit Certificate, dated July 9, 1958, by G. A. Turner, DMEA Auditor. We find that it will be necessary for you to formally claim your royalty overpayment of $31.58 before we can refund it to you. This can be done by writing us a letter requesting a refund of the overpayment.

Sincerely yours,

Wing G. Agnew
Acting Executive Officer
DMEA Field Team, Region X

cc: DMEA (3)
USGS (2)
USBM (AD)
Turner

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT CERTIFICATE

I have examined the production records and sales documents pertaining to the sale of silver, lead and zinc ores for the period of December 7, 1954 to October 2, 1957, by

BOSS MINES, INC.
Helena, Montana

produced from the Boss and Atlantus claims, located in Cascade County, State of Montana, under the terms of Amended Exploration Project Contract No. Idm E 743, Docket No. DMEA 3548 (Lead-Zinc), dated September 18, 1956, including Amendment No. 1.

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

The audit established the total sales of silver, lead and zinc from the DMEA exploration project for the period under audit to be $34,224.26. Royalty due the United States Government at the contract rates of 1.5 percent to 5 percent is $1,680.90. The royalty paid and the balance due as of October 2, 1957 are as follows:

Total Royalty Paid	$1,712.22
Total Royalty Due	1,680.90
Balance of Royalty Overpaid	$ 31.32

C. A. Turner - Auditor

July 9, 1958.

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT REPORT

I. INTRODUCTION

On June 27, 1958, an audit was made of the production, sales and royalty accounts and reports of the

BOSS MINES, INC.
Helena, Montana

pertaining to the sales of crude ore for the period of December 7, 1954 to October 2, 1957, produced from the Boss and Atlantus Claims, located in Cascade County, State of Montana, on which royalties are due the United States Government, under the terms of the Amended Exploration Project Contract No. Idm E 743, Docket No. DMEA 3548 (Lead-Zinc), dated September 18, 1956, including Amendment No. 1.

The Amended Contract superseded the Prior Contract designated as Contract No. Idm E 743, Docket No. DMEA 3548 (Lead and Zinc), dated December 7, 1954, including Amendments Nos. 1 and 2, which was terminated as of December 9, 1955. The Amended Contract made provision for additional exploration work and preserved the Certification of Discovery or Development made pursuant to the Prior Contract and restated the entire agreement between the Operator and the United States Government. Amendment No. 1 to the Amended Contract increased the royalty repayment period from 12 years to 13 years from the date of the Prior Contract, December 7, 1954.

The original accounting records pertaining to this Contract are maintained by and are in the possession of the firm of Galusha, Higgins and Galusha, Certified Public Accountants, whose office is in Helena, Montana.

During the on-site audit the following representatives of the Operator and the United States Government were present and consulted as necessary:

Mr. C. L. Hewitt - President of Boss Mines, Inc.
Mr. William Schmidt - Representing Galusha, Higgins and Galusha
Mr. John A. Bowsher - Engineer, U.S. Bureau of Mines.

The cooperation of all greatly facilitated the audit.

II. GENERAL INFORMATION

The Amended Contract provides for a total cost of exploration amounting to $57,208.50, with the Government's contribution on a 50 per cent basis being $28,604.25. Exploration work was suspended during the fall of 1957. The Operator's last Form MF-104, covering operations for the month of September, 1957 indicated exploration costs for stages II and III to be $18,052.50 (subject to audit), which added to the accepted costs of state I of $21,543.50, make a total exploration cost of $39,596.00, with the Government's contribution on a 50 percent basis being $19,798.00. The completion date of the Contract is October 18, 1958.

A Certificate of Discovery or Development dated September 12, 1956 was issued under the Prior Contract. This Certificate of Discovery or Development was preserved by the Amended Contract. The Amended Contract, as amended, provides for a royalty repayment period of 13 years from the date of the Prior Contract which was December 7, 1954, on production from land described in Article 2 and Annex I of the Contract.

The Operator's records consist of a journal and general ledger which are supported by the necessary records of original entry. The records are maintained and an annual statement is prepared for the Operator by the firm of Certified Public Accountants, Galusha, Higgins and Galusha, Helena, Montana. The records pertaining to DMEA production and royalties are considered adequate.

Shipments of crude ore made to the American Smelting and Refining Co., East Helena, Montana, consisted of Lots Nos. 1 to 6 inclusive during the year of 1955, and Lots Nos. 1 to 12 inclusive during the year of 1956. Shipments of crude ore to the International Smelting and Refining Co., Tooele Plant, Salt Lake, Utah, consisted of Lots Nos. 1 to 11 inclusive during year of 1957. Lot 7 resulted in a loss to the shipper and was not considered in the eleven shipments.

III. SCOPE OF AUDIT AND FINDINGS

A. CONFERENCE WITH THE EXAMINING ENGINEER

A conference with the examining engineer, Mr. John A. Bowsher, Mining Engineer, United States Bureau of Mines, disclosed the following:

(a) The Operator does not stockpile ore subject to royalty repayment.

(b) The Operator does not commingle production subject to DMEA royalties with exempt production.

(c) The Operator does stockpile mine rejects (low grade ore) that may have a potential value within the royalty payment period. The Operator estimates that 1500 tons of low grade zinc and lead ore are stockpiled. There are no records to support this

A. CONFERENCE WITH THE EXAMINING ENGINEER (CONTINUED)

estimate as the Operator, on his records, accounted for it as he would have waste. The examining engineer confirmed the estimate of 1500 tons by measurement of the pile.

(d) The assay controls in effect are considered adequate.

(e) The manner of disposing of production is considered as giving the Government its fair royalty returns.

(f) Periodic examinations by the examining engineer indicate that the Operator is properly reporting the current production subject to DMEA royalties.

(g) The Operator does not buy from or sell to other operators.

B. AUDIT OF SETTLEMENT SHEETS

A considerable amount of pre-audit work was accomplished in the DMEA office, Region I, Spokane, Washington, prior to the on-site audit. This consisted of a recomputation of the buyer's settlement sheets which were supplied by the Operator in support of his royalty payments made in compliance with the terms of the DMEA Contract. The information was tabulated and a reconciliation was made with the amounts of royalty receipts indicated by the records of the Regional Finance Officer. These tabulations are filed as a part of my audit work papers. A summary analysis of these statements is included in Section IV of this audit report.

The on-site audit included a comparison and reconciliation of the data compiled during the pre-audit work with the Operator's records in Helena, Montana.

On shipments of ore to the International Smelting and Refining Co. Tooele Plant, Salt Lake City and the American Smelting and Refining Co., East Helena, Montana, deductions were made from the net proceeds for freight, hauling and assay charges, which were paid by the smelters, as follows:

	International Smelting and Refining Co.	American Smelter and Refining Co.
Freight Paid - G. N. Ry. Co.	$4,659.24	$3,633.96
Hauling Paid - Niehart Motor Co.	1,687.50	2,966.96
Assays Paid - Goodalls	-	216.00
Total	$6,346.74	$6,816.92

It was determined by the audit that the Operator paid 5 percent royalty on all sales regardless of the value per ton for the period of December 7, 1954 to October 2, 1957. This practice resulted in an overpayment of royalty on four shipments aggregating $31.32. See Schedule No. 1, Summary of Royalty Overpayments.

SUMMARY OF ROYALTY PAID ON PRODUCTION AND SALES
FOR THE PERIOD OF DECEMBER 7, 1954 TO OCTOBER 2, 1957

SALES TO INTERNATIONAL SMELTING AND REFINING CO. - SALT LAKE, UTAH

Crude Ore Produced 535.9145 Tons

Metal Content			
Silver	12,279.3514 Ounces	$11,120.98	
Lead	17.6255 Tons	2,187.90	
Zinc	40.2977 Tons	2,411.31	
Total Metal Content		$15,720.19	
Deductions			
Smelter Treatment	$1,582.78		
Hauling	1,687.50		
Freight	4,659.24	7,929.52	
Net Proceeds Subject to Royalty			$ 7,790.67

SALES TO AMERICAN SMELTING AND REFINING CO. - EAST HELENA, MONTANA

Crude Ore Produced 917.1020 Tons

Metal Content			
Silver	38,848.7161 Ounces	$35,324.15	
Lead	28.9388 Tons	4,802.48	
Total Metal Content		40,126.63	
Deductions			
Smelter Treatment	$6,856.12		
Hauling	2,966.96		
Freight	3,633.96		
Assays	216.00	13,673.04	
Net Proceeds Subject to Royalty			26,453.59

TOTAL NET PROCEEDS - SUBJECT TO ROYALTY				$34,244.26
ROYALTY PAID	$34,244.26	@ 5.0%		$ 1,712.22
ROYALTY DUE	$32,263.71	@ 5.0%	1,613.20	
	500.36	@ 4.5%	22.52	
	593.67	@ 4.0%	23.75	
	542.27	@ 3.0%	16.27	
	344.25	@ 1.5%	5.16	
	$34,244.26			1,680.90
ROYALTY OVERPAYMENT				$ 31.32

The audit confirmed the accuracy and propriety of the royalty payments received by the Regional Office applicable to the sales of ore for the period of December 7, 1954 to October 2, 1957.

At the conclusion of the audit the findings were discussed with Mr. C. L. Hewitt, President, Boss Mines, Inc.

The audit report and findings were discussed with Mr. A. F. Weissenborn, Executive Officer, DMEA Field Team, Region I, Spokane, Washington, June 9, 1958.

C. A. Turner - Auditor

July 9, 1958.

SCHEDULE NO. 1

SUMMARY OF ROYALTY OVERPAYMENTS
DECEMBER 7, 1954 TO OCTOBER 2, 1957

SETTLEMENT SHEETS					ROYALTY PAID		ROYALTY DUE PER CONTRACT	
Date	Lot No.	Tons	Value Per Ton	Net Proceeds	Rate	Amount	Rate	Amount
SHIPMENTS TO INTERNATIONAL SMELTER AND REFINING CO. - SALT LAKE, UTAH								
8-6-57	5	55.7415	$10.65	$593.67	5.0%	$29.68	4.0%	$23.75
8-13-57	6	54.6855	9.92	542.27	5.0%	27.11	3.0%	16.27
9-24-57	10	45.2920	11.05	500.36	5.0%	25.02	4.5%	22.52
10-2-57	11	56.9985	6.04	344.25	5.0%	17.21	1.5%	5.16
		TOTAL		$1,980.55		$99.02		$67.70

Royalty Paid	$99.02
Royalty Due Per Terms of Contract	67.70
Royalty Overpayment	$31.32

Check Sheet of Examining Engineer

Operator's Name Boss Mines, Inc.

Address 545 N. Rodney St.

Helena, Montana

Exploration Contract No. Idm-E743 Docket No. DMEA-3458 (lead-zinc)

	Check One Yes	No
1. (a) Does the Operator stockpile ore subject to royalty repayment?		x
(b) If so, is segregation and identification procedure adequate?		
2. (a) Does Operator commingle production subject to DMEA royalties with exempt production?		x
(b) If so, do you consider the allocation of the commingled production equitable?		
3. (a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?	x	
(b) If so, are adequate records maintained on such material to protect the Government's interest?		
4. Do you consider the assay controls in effect are adequate?	x	
5. Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	x	
6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA royalties?	x	
7. Does the Operator buy from or sell to other Operators?		x

8. Comment on any item 2 (b) to 6 if answer is No.

John A. Bowsher
Mining Engineer

Date June 27, 1958

82448

So. 157 Howard Street
Spokane 4, Washington

August 11, 1958

800

Mr. C. L. Nesbitt, President
Bess Mines, Inc.
P. O. Box 9[illegible]
Helena, Montana

Re: Docket No. DMEA-3548 (lead-zinc)
Bess and Atlantic Claims
Granite County, Montana
Contract No. I[illegible]-3743 (Amended)

Dear Mr. Nesbitt:

Enclosed for your files is a copy of Royalty Audit Certificate, dated July 9, 1958, by C. A. Turner, DMEA Auditor. This audit covers the period from December 7, 1954 to October 2, 1957.

The audit established that an overpayment of $31.52 had been made the Government on production subject to royalty. The amount of the overpayment will be returned to you, together with any funds currently being withheld, when a final audit of your interest is completed.

Sincerely yours,

A. E. Weinzweig
Executive Officer, DMEA
Field Team, Region I

Enclosure

cc: DMEA (2)
USGS (2)
USGS (AD)
Turner
Prins

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

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss & Atlantus claims
Cascade County, Montana
Amended Contract No. Idm-E743

Dear Mr. Turner:

Your royalty audit report covering the above-cited project is acceptable and normal distribution is authorized.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

CEFisher/GMcC
July 14, 1958

cc: Docket
Admr. Reading File
Mr. Chambers

C
O
P
Y

So. 157 Howard Street
Spokane 4, Washington

June 5, 1958

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

Dear Mr. Turner:

Referring to our recent conversation, I suggest that you make audits of the following royalty accounts at your convenience:

Operator	Contract No.	Docket No.
Jennie Moore	Idm-E781	DMEA-3626
Boss Mines, Inc. (Boxx & Atlantus)	Idm-E743	DMEA-3548
Calera Mining Co.	Idm-E645	DMEA-3143

Sincerely yours,

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

cc: DMEA (2)
Contr. Adm. & Aud.
USBM (2)
USBM (AD)

For Certificate of Deposit No. 421, dated October 11, 1957, giving royalty payment of $17.21, see E-152.

For Certificate of Deposit No. 420, dated October 2, 1957, giving royalty payments of $45.32 and $25.02, see E-9.

For Certificate of Deposit No. 419, dated September 13, 1957, giving royalty payment of $60.10, see E152.

For Certificate of Deposit No. 415, dated August 16, 1957, giving royalty payments of $29.68 and $27.11, see E-9.

For Certificate of Deposit No. 413, dated July 25, 1957, giving royalty payment of $52.77, see E-41.

E-743

For Certificate of Deposit No. 411, dated July 12, 1957, giving royalty payment of $44.85 and $87.47, see E-152.

E-743

For Certificate of Deposit No. 337, dated August 6, 1956, giving royalty repayment of $34.65, see E-63.

E-743

For Certificate of Deposit No. 328, dated June 20, 1956, giving royalty repayment of $43.20, see E-177.

QUINTUPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

LETTER OF TRANSMITTAL

For credit of 520, Division of Disbursement, 523 U. S. Courthouse, Portland, Oregon (Name, title, and disbursing or other identification symbol of accountable officer) 4/6/56 (Date sent)

Portland, Oregon
14-23-020-308
$ 180.70

deposited with Federal Reserve Bank of San Francisco, Portland Branch, Portland, Oregon (Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-743	$180.70

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
c/o Bureau of Mines
P. O. Box 492
Albany, Oregon

TO ABOVE-NAMED BANK OR TO TREASURER U. S.:

Herewith you will receive the deposit described above. Please observe the distribution printed on each accompanying copy of Standard Form 201.

(Depositor)
Myrtle L. Purdy, Authorized Collector

DEPOSITARY WILL RETAIN THIS COPY

16—59686d-1 GPO

Check No. 25996
Dated 3/27/56
Amount - $84.94
From: American Smelting and Refining Company
Contract Idm-E743 , Boss Mines, Inc.
Royalty receipt

Check No. 26038
Dated 3/29/56
Amount - $95.76
From: American Smelting and Refining Company
Contract E743, Boss Mines, Inc.
Royalty receipt

E-743

For Certificate of Deposit No. 307, dated April 2, 1956, giving royalty repayment of $175.29, see E-189.

E-743

For Certificate of Deposit No. 306, dated March 19, 1956, giving royalty repayment of $67.05, see E-9.

For Certificate of Deposit No. 302, dated February 29, 1956, giving royalty repayment of $71.85, see E-189.

E-743

For Certificate of Deposit No. 299, dated February 17, 1956, giving royalty repayment of $83.00, see E-493.

For Certificate of Deposit No. 298, dated February 15, 1956, giving royalty repayment of $47.45, see E-41.

E-743

For Certificate of Deposit No. 296, dated February 3, 1956, giving royalty repayment of $89.87, see E-177.

E-743

For Certificate of Deposit No. 289, dated December 30, 1955, giving royalty repayment of $56.44, see E-150.

For Certificate of Deposit No. 281, dated November 23, 1955, giving royalty repayment of $57.10, see E-115.

E-743

For Certificate of Deposit No. 275, dated November 1, 1955, giving royalty repayment of $101.46, see E-177.

QUINTUPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

LETTER OF TRANSMITTAL

For credit of 420 Division of Disbursement, 523 U. S. Courthouse, Portland 5, Oregon (Date 10/[illegible]/55)
(Name, title, and address of disbursing officer or symbol of accountable officer)

DEPOSIT NO. Portland, Oregon
24-83-020-272

$ 214.83

deposited with Federal Reserve Bank of San Francisco, Portland Branch, Portland, Oregon
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		$214.83

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
c/o Bureau of Mines
P. O. Box 492
Albany, Oregon

TO ABOVE-NAMED BANK OR TO TREASURER U. S.:

Herewith you will receive the deposit described above. Please observe the distribution printed on each accompanying copy of Standard Form 201.

(Depositor)
Myrtle I. Purdy, Authorized Collector

DEPOSITARY WILL RETAIN THIS COPY

16—59686d-1 GPO

Check No. 24510
Dated 10/13/55
Amount - $105.37
From: American Smelting and Refining Company
Contract Idm-E743, Boss Mines, Inc.
Royalty receipt

Check No. 24542
Dated 10/14/55
Amount - $109.46
From: American Smelting and Refining Company
Contract Idm-E743, Boss Mines, Inc.
Royalty receipt

E-743

For Certificate of Deposit No. 274, dated October 25, 1955, giving royalty repayment of $99.80, see E-484.

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 22 1958

DATE	INITIAL	CODE
8/22	J. F.	335
		800

DEPARTMENT OF DEFENSE
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Rose Mines, Inc.
[illegible] Street
Helena, Montana

pertaining to Amended Exploration Project Contract No. DMEA-[illegible], Docket No. DMEA-3548, dated September 16, 1956, including Amendment No. 1, which supersaded and amended as of December 7, 1954 the Prior Exploration Project Contract No. DMEA-[illegible], Docket No. DMEA-3548, dated December 7, 1954, including Amendments Nos. 1 and 2, for the months of December 1954 to September 1957, inclusive, covering a project for the exploration of lead-zinc on property known as the Rose and Atlantic Claims, located in Cascade County, State of Montana.

My review included an examination of the Monthly Reports (Forms DF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reasons:

(a) the accepted costs ($21,543.50) of all work performed under the Prior Contract were covered by a Report of Review, dated April 4, 1958, issued by G. A. Turner, DMEA Auditor, and

(b) the balance of the costs ($17,856.00) incurred were under a contract provision for payment by the Government on the basis of fixed unit costs of work actually performed.

The review disclosed the following facts in regard to the amounts paid or to be paid the Contractor:

Total cost claimed by Operator		$39,396.00
Exceptions per schedule		
By Finance Officer	$171.00	
Meredith	25.50	196.50
Total accepted costs claimed		$39,199.50

The contract calls for a 50 percent participation of accepted costs. Therefore, payments as follows are valid and proper:

Amount payable on audited claim	$19,699.75
Amount reimbursed	19,592.00
Balance due Operator	$ 107.75

August 18, 1958

G. A. Turner, Auditor

Schedule of Expenditures

Ross Mines, Inc. | [illegible]-3548 | 14a-8743

Claimed by Operator

Final Form MP-104, Amended Contract	$18,052.50	
Accepted costs, Stage I (Prior Contract)	21,543.50	
Total claimed		$39,596.00

Accepted Costs

Stage I

Drifting and crosscutting	712' @ $30.00	$21,360.00	
Assays, 54 @ (approx. aver. cost)	3.40	183.50	
Total			$21,543.50

Stage II

Drifting and crosscutting	268' @ $33.00	$ 8,844.00	
Sink winze	99.2' @ 85.00	8,432.00	
Consulting engineer	8 days @ 50.00	400.00	
Assays	60 @ 3.00	180.00	
Total			$17,856.00

Stage III — None

Total Accepted Costs — $39,399.50

Disallowed

Prior to audit

Drifting and crosscutting	5' @ $33.00	$ 165.00
Assays	2 @ 3.00	6.00
		171.00

During the audit

Sinking winze	.3' @ 85.00	25.50

Total disallowances — $ 196.50

Reasons for disallowances

Prior to audit

Drifting and crosscutting (Jan. 1957 MP-104) 5' @ $33.00 — $ 165.00

Operator claimed 8' while the engineer's final measurement indicates 3' completed.

Assays, 2 @ $3.00 each which did not include zinc — 6.00

During the audit

Sinking winze .3' @ $85.00 — 25.50

Operator claimed (January 1957 MP-104) 99.5' while the engineer's final measurement indicated 99.2'

$ 196.50

August 18, 1958

C. A. Turner, Auditor

No. 157 Howard Street
Spokane 4, Washington
August 29, 1958

900

Mr. C. L. Hewitt, President
Boss Mines, Inc.
P. O. Box 904
Helena, Montana

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss and Atlantus Claims
Cascade County, Montana
Amended Contract No. 16m-E743

Dear Mr. Hewitt:

Enclosed for your information and files is a copy of Report of Review, dated August 18, 1958, by C. A. Turner, DMEA Auditor. This Report of Review covers the months of December 1954 to September 1957.

This report shows a balance due Boss Mines, Inc., of $187.25. This money will be scheduled for release early in September.

Sincerely yours,

Donald R. MacLaren
For: Wing G. Agnew
Acting Executive Officer
DMEA Field Team, Region I

Enclosure

cc: DMEA(5)
DMEA(2)
DMEA(A)
Turner
Prins

August 25, 1958

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

Re: Docket No. DMEA-3548 (Lead-Zinc)
Ross Mines, Inc.
Contract No. Idm-E743 (Amended)

Dear Mr. Turner:

Your Report of Review on the above referenced contract is acceptable and normal distribution is authorized.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

GMcCarthy/GMcC
August 25, 1958

cc: Docket
Admr. Reading File
Mr. Chambers

DATE		CODE
		800

1201 N. Division St.
Spokane 2, Washington

August 28, 1958

Mrs. Dorothy Long, Certifying Officer
DMEA Field Team, Region I
1201 North Division Street
Spokane 2, Washington

Re: Docket No. DMEA-3548 (lead-zinc)
Boss Mines, Inc.
Amended Contract No. Idm-E745

Dear Mrs. Long:

The work completed was done to the satisfaction of the Government. The contract was terminated by mutual agreement on July 14, 1958, effective as of October 9, 1957. A final report evaluating the results of the exploration program has been presented by the Operator and accepted by the Executive Officer.

The Government has no equity in equipment, materials or supplies used on the project.

The project was certified on September 12, 1956, under the Prior Contract.

A final Report of Review dated August 18, 1958 by DMEA Auditor C. A. Turner has been received.

As all contract requirements have been met, it is requested that final settlement of our account with the Operator be made.

Sincerely yours,

Wing G. Agnew, Acting Exec. Officer
DMEA Field Team, Region I

cc: DMEA (2)
USGS (2)

CODE
800

1202 E. Division St.
Spokane 2, Washington

August 12, 1958

Mr. G. A. Turner
USDA Auditor, Region I
1202 E. Division Street
Spokane 2, Washington

Re: Docket No. DSCA-3548 (Lump-sum)
Rose Mines, Inc.
Rose and Alhambra Claims
Cascade County, Montana
Amended Contract No. 12s-[illegible]

Dear Mr. Turner:

The contract was terminated by mutual agreement on July 14, 1958, effective as of October 9, 1957. All the work performed was done to the satisfaction of the Government.

A final inspection report on the completed work was submitted by John A. Donohoe on November 25, 1957.

The Operator's final engineering and geological report was received on August 11, 1958. It is considered as having met the requirements of Article 5(c) of the contract.

The Government has no equity in equipment, materials or supplies used on this project.

The project was certified on September 12, 1956, under the Prior Contract.

Work units completed within the terms of the contract are:

Items I	Authorized	Completed
Work performed under the Prior Contract		
Items II		
Cut 3 50 stations, Rochester level	30 ft.	0
Diamond drill from Rochester level	400 ft.	0
Shaft winze from Rochester level	100 ft.	99.2 ft.
Drift raise or crosscut from winze	300 ft.	216 ft.
Timbering	150 ft.	0
Sampling	300 samples	60
Engineer-geologist	6 days	5 days
Items III	Not started.	

It is now in order for you to issue your Report of Review.

By Field Team, Region I

L. E. Wilkinson, Team Leader
U. S. Geological Survey

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

Dist: MSHA (3)
USGS (3)
USBM (AD)

EXTRA COPY
DMEA
RECEIVED SEP 9 1957

DATE	INITIALS	CODE
		800

Bo. 157 Howard Street
Spokane 4, Washington

September 4, 1957

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

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss & Atlantus claims
Cascade County, Montana
Amended Contract No. Idm-2743

Dear Mr. Selfridge:

I have just signed with some reluctance a letter authorizing the deletion of $6 from the Boss Mines, Inc. contract, (Idm-2743), for two assays which were assayed for lead and silver only. Mrs. Dorothy Long, our Certifying Officer, argues quite correctly that the contract states in part "samples are to be assayed for lead, zinc and silver;" and, therefore, since the three determinations are the unit, she can only pay when the three determinations have been made.

I am a little disturbed by this because this could put the Government in a position of demanding assays when assays for a particular element may quite obviously not be necessary. I think that to avoid this difficulty in the future, we should be careful to make the "determination" the unit rather than the "sample" unless we definitely wish to assay all samples for a number of specified elements which may be true in a few instances. The new amendment to the Jennie Moore contract, which has just crossed my desk, covers the usual situation very nicely, allowing assays for several elements to be made without being too rigid.

Sincerely yours,

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

cc: USBM (2)
USBM (AD)
Prink

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

RECEIVED SEP 18 1958

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____

Vou. No. 2216

U. S. _____ (Department, bureau, or establishment)

Voucher prepared at P.M.E.A. Helena, Montana 9/12/58 (Give place and date)

THE UNITED STATES, Dr.

Payee's Account No. [illegible]

To Dale Mines, Inc. (Payee)

545 N. Rodney (Address) Helena (City) Montana (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	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	Sept. 1957	Balance withheld under Voucher No. 2066, dated November 1, 1957, adjusted to audit.				187	25
PAYMENT: Complete ☐ Partial ☐ Final ☐		FINAL PAYMENT					
		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 187 25

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

(Sign original only)

Date _____ *Payee _____ (This certificate not required when a like certificate is made by payee on attached bill or bills)

Per _____ Title _____

(Payee must NOT use this space)

Differences _____

Account verified; correct for 187 25

(Signature or initials) [illegible]

Contract No. Date Req. No. Date Invoice Rec'd.

Pursuant to authority vested in me, I certify that this account is correct and proper for payment.

† Approved for $ _____

By _____

Title _____

SIGN ORIGINAL ONLY

† _____ (Authorized Certifying Officer)

Title _____

Date _____

THE REVERSE OF THIS FORM MUST BE EXECUTED WHEN PURCHASES ARE MADE OR SERVICES SECURED WITHOUT WRITTEN AGREEMENT IN ANY FORM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount

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____. Payee _____ (Sign original only)

* 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.

† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign on the line below "Approved for $_____", and over his official title.

Per _____

Title _____

16—22900-3

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.)

16—22900-2 ☆ U. S. GOVERNMENT PRINTING OFFICE : 1950—O-75806

EXTRA COPY
DMEA
RECEIVED SEP 18 1958

DATE	INITIALS	CODE

1201 W. Division St.
Spokane 2, Washington

August 28, 1958

Mrs. Dorothy Long, Certifying Officer
DMEA Field Team, Region I
1201 North Division Street
Spokane 2, Washington

Re: Docket No. DMEA-3548 (lead-zinc)
Boss Mines, Inc.
Amended Contract No. Idm-2745

Dear Mrs. Long:

The work completed was done to the satisfaction of the Government. The contract was terminated by mutual agreement on July 14, 1958, effective as of October 9, 1957. A final report evaluating the results of the exploration program has been presented by the Operator and accepted by the Executive Officer.

The Government has no equity in equipment, materials or supplies used on the project.

The project was certified on September 12, 1956, under the Prior Contract.

A Final Report of Review dated August 15, 1958 by DMEA Auditor C. A. Turner has been received.

As all contract requirements have been met, it is requested that final settlement of our account with the Operator be made.

Sincerely yours,

Wing G. Agnew, Acting Exec. Officer
DMEA Field Team, Region I

cc: DMEA (2)
USGS (2)
Contract Admin. & Audit Div. (2)
Docket

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OCT 21 REC'D

OPERATOR'S MONTHLY REPORT AND VOUCHER

Amended

Month of September, 195 7 Docket No. DMEA 3548 Contract No. EDI E 743

Operator's Name Ross Mines, Inc. Minerals lead - zinc

Address 543 N. Rodney, Helena, Montana

Contract Amount, $ 57308.50 Government Participation: 80 % Amount, $ 28604.25

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 / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	1056.00	2475.00	3531.00	1056.00	2310.00	3366.00
Drifting	00	5478.00	5478.00		5478.00	5478.00
Mine mining	00	8457.50	8457.50		8457.50	8457.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	24	162.00	186.00	24.00	156.00	180.00
Payroll Taxes						
Liability Insurance						
Eng. Geologist	00	400.00	400.00		400.00	400.00
(8) Contingencies (specify):						17,89[illegible]
Stage I					21543.50	21543.50
TOTALS	1080.00	16972.50	18052.50	1080.00	38345.00	39425.00

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

Date 10-19-57 *Payee Ross Mines, Inc.

Per [signature] Title 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:

$ 340.00

Signature Dorothy F. Lang (Authorized Certifying Officer)

Date 11/1/57 Vou. No. 2066

(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. 6743 in accordance with the terms of the contract.

Signature /s/ John A. Bowaker Title Mining Engr. Date 10/25/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Oct. 29, 1957

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED NOV 4 1957 D.M.E.A.

OCT 21 REC'D

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

Month of September 195 7 Docket No. DMEA 3548 Contract No. A mended IDM E 743

Operator's Name Ross Mines, Inc. Minerals lead - zinc

Address 545 N. Rodney, Helena, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT: Units	AUTHORIZED BY CONTRACT: Unit Costs
					268			
Drifting	ft.	00	00	5478.00	166		300 ft. 2nd "	Stage II @ 33.00 " III @ 33.00
Crosscutting	ft.	1055	32	~~2531.00~~ 3366.00	102			
Raising								
Shafts								
Winzes	ft.	00	00	5457.50	99.5			
Drilling: Core								
D.D ~~xxx~~ Church station								
D.D ~~xxx~~ Auger station								
Stripping								
~~xxxx~~ Trenching drift A								
~~xxxx~~ Test Pits crosscut timber								
~~xxxxxx~~ Roads and Trails Assays	ea.	24	8	186.00	60			
Eng. Geologist	da	00	00	400.00	8			
TOTAL DISTRIBUTED COSTS		1080	40	18052.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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.

Date 10-10-57 Operator Ross Mines, Inc.

Per [signature] Title President

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)

REMARKS:

(For Government use only)

/s/ John A. Bowsher
Mining Engr. 10/25/57

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.

GPO 872894

OCT 21 REC'D

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 4 1957

DATE	INITIALS	CODE

Helena, Montana
October 19, 1957

Bureau of Mines
D. M. E. A.
Administration Bldg.
School of Mines
Butte, Montana

Re: Boss Mines, Inc.
545 N. Rodney, Helena, Mont.
Docket No: 3548
Contract No: IDM E 743 - Amended

Gentlemen:

Through the month of September, 1957, our contract work was confined to 5 feet extention of the east drift on crosscut vein on 150 level, and 27 feet crosscutting in west crosscut on 150 foot level starting from B.M. station #738.

The 5 feet in the east drift on cross vein, above mentioned was not included in August report as it was completed after checking, so we have included it in this, the September report.

In the west crosscut, we intersected three veins, 8 inches, 10inches and 11 inches respectively. These veins are too small for mining separately and too far apart to be mined together.

The drilling that was done on the 101 level, not on contract, was to check on ore showing on 50 foot level. We also did approximately 20 feet of drifting on main vein on the south 100 level to determine if showing there would warrant cutting vein and drifting on it from the 150 foot level. It did not show sufficient values to warrant this work at present prices.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt, Pres.

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

OCT 21 REC'D

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

Date SEP 4 - 1957

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR Boss Mines Inc.

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6160	12" OF ORE - FACE OF E. X VEIN - 150 LEVEL 15' FROM 150 DRIFT.	0.01	31.0	12.4		34.1				

Gold not deducted: _____

Charges $ 5.00

GOODALL BROS.

By A. V. Trent

OUR COPY, SENT.

OCT 21 REC'D

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

Date SEP 5 - 1957

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR Boss Mines Inc. Bul 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6161	12" VEIN - W. x CUT FROM ~~B.M. STN 138 150 LEVEL DIPSSE~~	0.01	34.8	2.2		4.1				
6162	LONG HOLE FROM 101 DRIFT N.62' - FIRST 20' RUN. WEST.	Trace	3.4	0.4		0.1				
6163	LONG HOLE DRILLINGS - SAME ~~AS ABOVE - IN 12 TO 14' SULPHIDES~~	0.005	58.8	4.2		2.7				
6164	X VEIN E. ON 150 LEVEL 13' FROM DRIFT - 20" WIDE	Trace	3.7	2.8		2.5				

Gold not deducted: _____

Charges $ 25.00

GOODALL BROS.

By [signature]

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. [illegible]
P. O. BOX [illegible]

Date SEP 19 1957 OCT 21 REC'D

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR: Boss Mining Inc.

MARKS: Box 904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6165	ORE DUMP CAR SAMPLES ALL ORE FROM 150-E. X VEIN	Trace	17.8	3.4		8.1				
6166	10" ORE CROSSING W. X CUT FROM 150 LEVEL AT STATION 738 - 19' W. FROM 738 STATION.	Trace	18.8	16.0		17.4				

Gold not deducted _____

Charges $ 10.00

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

SAMPLE TAKEN SEPT. 27

Date ~~OCT 4 - 1957~~

OCT 21 REC'D

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR Boss Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6169	FACE S. DRIFT ON	Trace	10.5	8.2		7.3				
	100 LEVEL - ~~20~~ 18'-SOUTH									
	OF WINZE - ORE-49" WIDE.									
	CONSIDERED TOO LOW									
	GRADE TO WARRANT CROSS									
	CUTTING ON 150									
	FT LEVEL.									

Gold not deducted: _____

Charges $ _____

GOODALL BROS.

By A. T. Trent

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

Budget Bureau No. 42-R1036.5

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

RECEIVED SEP 20 1957 D.M.E.A.

Month of August, 1957 Docket No. DMEA 3548 Contract No. IDM 2 748 Amended
Operator's Name Boss Mines, Inc. Minerals Lead - zinc
Address 545 N. Rodney, Helena, Montana
Contract Amount, $ 57208.50 Government Participation: 50 % Amount, $ 28604.25

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	00	2475.00	2475.00		2310.00	2310.00
Drifting	924	4554.00	5478.00	924.00	4554.00	5478.00
winze sinking	00	8457.50	8457.50		8457.50	8457.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	30	132.00	162.00	30.00	126.00	156.00
Payroll Taxes						
Liability Insurance						
Eng. Geologist	00	400.00	400.00		400.00	400.00
(8) Contingencies (specify):						
Stage I					21543.50	21543.50
TOTALS	954.00	16018.50	16972.50	954.00	37391.00	38345.00

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

Date Sept 10, 1957 *Payee Boss Mines, Inc.

Per C. Hewitt Title 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:

$ 477.00

Signature Dorothy T. Lowe
(Authorized Certifying Officer)

Date 9/13/57 Vou. No. 20146

(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. E 743 in accordance with the terms of the contract.

Signature /s/ Stephen W. Zoldok Title Mining Engr. Date 9-13-57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Donald R. MacLaren Title alternate Acting Exec. Officer Date 9-13-57

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED SEP 20 1957 D.M.E.A.

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

Amended

Month of August 1957 Docket No. DMEA 3548 Contract No. IDM E 743
Operator's Name Boss Mines, Inc. Minerals Lead - zinc
Address 546 N. Rodney, Helena, 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	ft.	924	28	5478	166			
Crosscutting	ft.	00	00	2475	70			
Raising								
Shafts								
Winzes	ft.	00	00	8457.50	99.5			
Drilling: Core								
D.D. ~~Chem~~ station								
D.D. ~~Chem~~ station								
Stripping								
~~Trucking~~ Drift A								
~~Testing~~ crosscut timber								
~~Assays~~ Drift A assys	ea.	30	10	162	53			
Eng.Geologist	da.	00	00	400	8			
TOTAL DISTRIBUTED COSTS		954	38	16272.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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.

REMARKS:

Date Sept. 10, 1957 Operator Boss Mines, Inc.

Per Ch. Hewitt Title President

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)

/s/ John A. Bowsher
Mining Engr.
9/12/57

/s/ AW
9-13-57

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.

GPO 872894

SEP 1 2 1957

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RECEIVED SEP 20 1957

DATE	INITIALS	CODE

Helena, Montana
September 10, 1957

Bureau of Mines
DMEA
Administration Bldg.
School of Mines
Butte, Montana

Re: Boss Mines, Inc.
545 N. Rodney, Helena, Montana
Docket No: 3548
Contract No: Amended ~~IDM-B 743~~

Gentlemen:

In the month of August 1957, we extended the north drift on the 150' level, a distance of 13 feet. The vein is approximately the same size and not quite as heavily mineralized in the breast of the drift as it was 12 or 14 feet to the south. At a point about 94 feet from B.M. Station 737, our lifters brought up large chunks of very high grade lead-zinc ore with a silver content up to 697 oz. per ton, the lead 15% and about the same in zinc. We put a round down below the tunnel level and it was about 16 inches wide, two feet below track level but split up in smaller seams below that. We intend to put in a few rounds on the west side of the drift to see if another vein is coming in from that direction as the ore is entirely different in character from the ore which is in the vein we have been following in this north drift.

The cross vein which crosses our north drift 80 feet north of B.M. Station 737, as described in July narrative report, looked strong going east, also west, so we drifted 15 feet to the east but it shows only bunches of ore - 12 to 36 inches wide so this work was suspended. We also followed this vein in a raise 18 feet above the sill, along the foot wall of the north vein but it shows no improvement.

We now intend to try to pick up the main vein, on which we have been stoping, to the south of the shaft, at the 100 foot level. This will not be on contract but will indicate whether it will be advisable to crosscut this vein to the south of the shaft on the 150 foot level or not.

Yours very truly,

BOSS MINES, INC.

C. L. Hewitt

C. L. Hewitt, President

SEP 12 REC'D

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

Date AUG 3 - 1957

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR Boss Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
	no tag									
6148	8" ORE - N. DRIFT - 5' N. OF X VEIN	Trace	3.0	0.4		14.3				
6149	N. VEIN - 5' N. OF X VEIN HANGING WALL TO SAMPLE 6148 - 8" - MIXED SULPS/PAR	Trace	3.9	0.2		1.7				
6150	X VEIN - 10' - E OF N. DRIFT - SULPHIDES - 25" WIDE IN BACK OF DRIFT VEIN NARROWS TO 4" IN BOTTOM OF DRIFT	0.01	13.2	4.2		35.6				

Gold not deducted: _____

Charges $ 10.00

GOODALL BROS.

By J. B. Greek

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D M E A
RECEIVED [illegible] 1957

DATE	[illegible]	[illegible]DE

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS
46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

SEP 12 REC'D

Date AUG 6 - 1957

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR Boss Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6151	VEIN IN N. DRIFT-	0.001	24.0	2.2		9.9				
6152	5' PAST(N)X VEIN.- 10" WIDE	0.005	46.1	2.0		7.1				
	X VEIN - 5' E. OF									
	N. VEIN DRIFT - 24"									
	WIDE IN BACK									

Gold not deducted: _____

Charges $ 10.00

GOODALL BROS.

By A. V. Trent

OFFICIAL FILE COPY
D M E A
RECEIVED SEP 20 1957

DATE	INITIALS	CODE

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS
46 South Main Street, Helena, Montana

TEL. HE 2-3770
P. O. BOX 537

SEP 12 REC'D

Date AUG 15 1957

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR Boss Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6154	Large chunks of ore from north end winze sunk in N. Drift - 15 FT N. OF X VEIN. Sample TAKEN - 2 ft below bottom of drift. Vein splits into 3 - 2" streaks - going down. Entirely different from vein on which N. drift has been run.	0.03	696.8	15.6		4.8				

Gold not deducted: _____

Charges $ 5.00

GOODALL BROS.

By C. B. Sheet

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS
46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

SEP 12 REC'D

Date AUG 21 1957

UMPIRE ASSAY_____ CONTROL ASSAY_____ HAND SAMPLE_____

ASSAYED FOR: Bro Mines Inc.

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6155	X VEIN - 16' - E.	Trace	7.0	9.6		9.5				
6156	N DRIFT CENTER	0.005	44.7	5.0		4.1				
	14" WIDE - Dip N-8°									
	STRIKE N.50 E.									
	X VEIN - W. FACE									
	24" WIDE AT JUNCTION									
	WITH. N. VEIN									

Gold not deducted:_____

Charges $ 10.00

GOODALL BROS.

By A. V. Trent

SEP 12 REC'D

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HE 2-3770
P. O. BOX 537

Date AUG 27 1957

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR Bozy Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6158	X VEIN - 18' ABOVE SILL	Trace	3.4	5.2		5.3				
6159	IN RAISE - W. SIDE OF NORTH DRIFT	0.01	118.3	13.8		26.1				
	22" WIDE - SULPHIDE									
	P SOFT SPAR.									
	FRAGMNTS OF HI-GRADE									
	THROWN UP FROM BOTTOM OF									
	N. DRIFT IN 14' N. OF X VEIN									

Gold not deducted: _____

Charges $ 10.00

GOODALL BROS.

By C. P. Hart

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 20 1957

DATE	INITIALS	CODE

1201 N. Division St.
Spokane 2, Washington

October 31, 1957

RECEIVED NOV 7 1957
DATE INITIALS CODE
650

Boss Mines, Inc.
345 N. Rodney
Helena, Montana

Re: Docket No. DMEA-3548 (lead-zinc)
Contract No. Idm-3743
Monthly operating report for
September 1957

Gentlemen:

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

We are withholding an amount of $200.00, pending receipt of your final report and a final audit by a representative of the Contract Administration and Audit Division of Defense Minerals Exploration Administration. This is the customary procedure and is applicable to all contracts.

By Field Team, Region I

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

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

cc: DMEA (2)
USGS (2)

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

BUREAU OF MINES
AUG 21 1957

W

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

AUG 12 REC'D

OPERATOR'S MONTHLY REPORT AND VOUCHER

Amended

Month of July, 1957 Docket No. DMEA 3548 Contract No. IDM E 743
Operator's Name Boss Mines, Inc. Minerals Lead - zinc
Address 545 N. Rodney, Helena, Montana
Contract Amount, $ 57,208.50 Government Participation: 50 % Amount, $ 28,604.25

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	00	2475.00	2475.00		2310.00	2310.00
Drifting	1485.00	3069.00	4554.00	1485.00	3069.00	4554.00
Winze sinking	00	8457.50	8457.50		8457.50	8457.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	15.00	117.00	132.00	9.00	117.00	126.00
Payroll Taxes						
Liability Insurance						
Eng. Geologist	00	400.00	400.00		400.00	400.00
(8) Contingencies (specify):						
Stage I					21543.50	21543.50
TOTALS	1500.00	14518.50	16018.50	1494.00	35897.00	37,391.00

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

Date Aug 9, 1957 *Payee Boss Mines, Inc.

Per C. L. Hewitt Title 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:

747.00

$ 747.00

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 8/30/57 Vou. No. 2032

(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. E743 in accordance with the terms of the contract.

Signature /s/ John A. Bowsher Title Mining Engr. Date 8/21/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date 8/22/57

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 those 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.

SEP 6 1957 DMEA

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

AUG 12 REC'D

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Amended

Month of July 1957 Docket No. DMEA 3548 Contract No. IDM E 743

Operator's Name Boss Mines, Inc. Minerals Lead -zinc

Address 545 N. Rodney, Helena, montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
					208			
Drifting	ft.	1485	45	4554.00	138		300 ft.	Stage II @ 33.00
Crosscutting	ft.	00	00	2475.00	70		200 ft.	" III @ 33.00
Raising								
Shafts								
Winzes	ft.	00	00	8457.50	99.5		100 ft.	85.00/ft.
Drilling: Core								
D.D. ~~[illegible]~~ Station								
D.D. ~~[illegible]~~ Station								
Stripping								
~~[illegible]~~ng Drift &								
~~[illegible]~~s x-cut timber								
~~[illegible]~~ls Assays	ea.	15	~~5~~ 2	132.00	~~44~~ 47		100	Stage II @ 3.00
							60	" III @ 3.00
							8	" II @ 50.00
Eng. Geologist	da	00	00	400.00	8		8	" III @ 50.00
TOTAL DISTRIBUTED COSTS		1500.00	50	16018.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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.

REMARKS:

Date Aug 9, 1957 Operator Boss Mines, Inc.

Per C. L. Hewitt Title President

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)

1/s John A. Dowsher
Mining Engr. 8/21/57

RECEIVED SEP 6 1957 D.M.E.A.

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.

GPO 872894

AUG 12 REC'D

Helena, Montana
August 9, 1957

Bureau of Mines
D. M. E. A.
Administration Bldg.
School of Mines
Butte, Montana

Boss Mines, Inc.
Contract No: Amended IDM E 743
Docket No: 3548

Gentlemen:

Through the month of July 1957, we extended the north drift on the 150' level, a distance of 45 feet. There has been a gradual widening of the sulphide ore streak, which is now averaging 12 inches wide. It is also becoming a little less flat but on the whole shows little encouragement.

At a point 80 feet north of B.M. station 737, we intersected an E.W. striking vein, dipping slightly to the north. At the point of intersection, the vein was approximately 14" wide, carrying heavy spar, quartz, and a small amount of zinc sulphides. The ore here was high in silver, 140 ounces with very little lead and zinc. However, after two rounds, approximately 10 feet to the east, the vein has widened out to 20 inches and shows heavy zinc sulphides. The 20" across the back running only 4 oz. Ag, but 1.6% pb. and 35.3% zinc. We intend to put in a few more rounds to the east and possibly raise a few feet to see what it does. This vein seems to be cut off at the footwall of the "north" vein and swings with the north vein.

We have been doing considerable work on the raise from the 150' level, hoping to prove a northern extention of the ore body but it gets very low grade to the north.

Yours very truly,
BOSS MINES, INC.
C. L. Hewitt

C. L. Hewitt, Pres.

ij

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 6 1957

DATE	INITIALS	CODE

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

AUG 1 8 1953

Date JUL 12 1953

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR: Pure Mines Inc.

MARKS: BOL904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	[illegible]	[illegible]	[illegible]	[illegible]
6141		0.001	30.0	6.4		5.1			
6142		0.01	12.4	10.4		14.3			
6141	MAIN VEIN - 29' ABOVE 100' LEVEL 23' - N. OF WINZE - 49" WIDE								
6142	10" ORE IN W. SIDE OF N. DRIFT - 150 LEVEL - 72' - N. B.M. STN 737								

Gold not deducted: _____

Charges $ 10.00

GOODALL BROS.

By A. V. Trent

RECEIVED
SEP 6 1957
D.M.S.A.

OFFICIAL FILE COPY
D M E A
RECEIVED SEP 6 1957

DATE	INITIALS	CODE

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

AUG 12 RECD

Date JUL 22 1957

UMPIRE ASSAY_____ CONTROL ASSAY_____ HAND SAMPLE_____

ASSAYED FOR Boss Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total
6145		0.05	140.0	1.0						
6146		0.005	8.8	6.2						
6145	20" VEIN - E.W. STRIKE, AT INTERSECTION N. 150 DRIFT - 80' - N.B.M. STN. DIP. 71° N. HEAVY SPAR - SOME ZN SULPHIDES.									
6146	ORE STREAK W. SIDE (FOOT WALL) N. 150 DRIFT 85' N. B.M. STN. 237 SHOWS 5" HEAVY SULPHIDES WITH 12" SPAR PAUCE LYING UNDER SULPHIDES.									

Gold not deducted.

Charges $ 7.00

ASSAYER - LOST ZINC. ONTHESE 2 ASSAYS. CK

GOODALL BROS.

By A. V. Trent

OFFICIAL FILE COPY
D M E A
RECEIVED SEP 6 1957

DATE	INITIALS	CODE

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

AUG 12 REC'D

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

Date JUL 29 1957

UMPIRE ASSAY_____ CONTROL ASSAY_____ HAND SAMPLE_____

ASSAYED FOR Bros Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6147	7/27 E.W. VEIN	0.005	4.0	1.6		35.3				
	CUTTING ACROSS N.									
	150 DRIFT - 80'									
	N. B.M. STN 737									
	REFERRED TO AS									
	"SPAR" VEIN									

Gold and Silver _____

Charges $5.00

GOODALL BROS.

By A. V. Trent

Official
[redacted]A COPY
D M E A
RECEIVED SEP 6 1957

DATE	INITIALS	CODE

DMEA Field Team, Region I

August 30, 1957

DMEA Certifying Officer, Region I

Contract No. Idm-#743, Docket No. DMEA-3548, Boss Mines, Inc.
Monthly operating report for July 1957

The subject operating report has been processed and forwarded to the Disbursing Officer for payment.

We have deleted $6.00 for two assays which were assayed for lead and silver only. The contract states in part "Samples to be assayed for lead, zinc, and silver".

Dorothy Long

cc: DMEA (2)
USGS (2)
Contract Admin. & Audit Div. (2)

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 6 1957

DATE	INITIALS	CODE
9-6	C	220
		~~100~~
		800

1201 N. Division St.
Spokane 2, Washington

August 30, 1957

RECEIVE
DATE

800

Mr. C. L. Hewitt
Boss Mines, Inc.
545 North Rodney Street
Helena, Montana

Re: Docket No. DMEA-3548 (lead-zinc)
Boss Mines, Inc.
Contract No. Idm-E743
Monthly operating report for
July 1957

Dear Mr. Hewitt:

This is to inform you the subject voucher could not be paid in the full amount claimed.

The deletion is explained in the attached copy of a memorandum to the Field Team from the Certifying Officer, Region I.

By Field Team, Region I

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

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

cc: DMEA (2)
USGS (2)

DMEA Field Team, Region I

August 30, 1957

DMEA Certifying Officer, Region I

Contract No. Idm-2743, Docket No. DMEA-3548, Boss Mines, Inc.
Monthly operating report for July 1957

The subject operating report has been processed and forwarded to the Disbursing Officer for payment.

We have deleted $6.00 for two assays which were assayed for lead and silver only. The contract states in part "Samples to be assayed for lead, zinc, and silver".

Dorothy Long

cc: DMEA (2)
USGS (2)

1201 N. Division St.
Spokane 2, Washington

August 6, 1957

EXTRA COPY
D M E A
RECEIVED AUG 9 1957

DATE	INITIALS	CODE

Galusha, Higgins and Galusha
Certified Public Accountants
Helena, Montana

Re: Boss Mines, Inc.
Contract No. Idm-K743

Gentlemen:

Reference is made to your letter of August 2, 1957, regarding your audit of the Boss Mines, Inc.

The records in this office show a balance owing of $15,694.31 as of May 31, 1957. This, of course, is subject to Government audit.

Yours very truly,

A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region I

cc: DMEA (2)
USGS (2)
USBM (2)
AD

GALUSHA, HIGGINS AND GALUSHA
CERTIFIED PUBLIC ACCOUNTANTS
HELENA, MONTANA

[illegible] GALUSHA, C. P. A.
[illegible] HIGGINS, C. P. A.
[illegible] GALUSHA, JR., C. P. A.
[illegible] C. P. A.
[illegible] THOMPSON, C. P. A.
[illegible] BROWN, C. P. A.

EXTRA COPY
DMEA
RECEIVED AUG 9 1957

DATE	INITIALS	CODE

04 (Rev.)
952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May & June, 1957 Docket No. DMEA [illegible] Contract No. Amended [illegible]
Operator's Name Dona Mines, Inc. Minerals lead - zinc
Address 205 N. Kelley, Helena, Montana
Contract Amount, $[illegible] Government Participation: [illegible] % Amount, $[illegible]

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	165	2310.00	2475.00	165.00	2145.00	2310.00
Drifting	792	2277.00	3069.00	792.00	2277.00	3069.00
Mine obtaining	00	8457.50	8457.50		8457.50	8457.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	36	81.00	117.00	36.00	81.00	117.00
Payroll Taxes						
Liability Insurance						
Eng. Geologist	100.00	300.00	400.00	100.00	300.00	400.00
(8) Contingencies (specify):						
Stage I					21543.50	21543.50
TOTALS	1093.00	13425.50	14518.50	1093.00	34804.00	35897.00

RECEIVED AUG 5 1957 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 7-17-57 *Payee Dona Mines, Inc.
Per [illegible] Title 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:

$ 546.50

Signature Dorothy F. Lang
(Authorized Certifying Officer)

Date 8/1/57 Vou. No. 2010
(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. E-743 in accordance with the terms of the contract.

Signature /s/ George T. Krempasky Title Mining Engr. Date 7/19/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date 7/24/57

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

JUL 19 REC'D

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May & June 1957 Docket No. DMEA 2548 Contract No. Applied DMA 743

Operator's Name Rose Mine, Inc. Minerals Lead-zinc

Address 548 N. Rodney, Helena, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	703	84	2039.00	93			
Crosscutting	ft.	165	5	2475.00	70			
Raising								
Shafts								
Winzes	ft.	00	00	2457.00	00.5			
Drilling: Core								
(a) Churn								
(b) Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails Access	mi.	33	2	117.00	39			
Ore Collected	do	100	0	400.00	0			
TOTAL DISTRIBUTED COSTS		1033.00	43	14310.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

RECEIVED AUG 2 1957 DMEA

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 7-17-57 Operator Rose Mine, Inc.

Per C. Hewitt Title 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)

/s/ George T. Klempsky, Mining Engr., July 19, 1957

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.

GPO 872894

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE

Helena, Montana
July 17, 1957

Bureau of Mines
D. M. E. A.
Administration Bldg.
School of Mines
Butte, Montana

Re: Boss Mines, Inc.
545 N. Rodney, Helena, Mont.
Contract No: Amended IDA E 743
Docket No: DMEA 3548

Gentlemen:

Through the months of May and June, the north drift on the 150 foot level was extended 24 feet and the crosscut east of Station 737 was extended 5 feet. There was no change in the conditions in the crosscut. The north drift has shown improvement with a band of sulphides about 6.5 inches cutting across the face, dipping 57 degrees easterly.

The remainder of the time was used in the raise which is being run up on the foot wall of the faulted vein structure. At a point 35 feet above the sill, the ore widened out to about 4 feet but is not as high in values as where it wascut on the 100 foot level. This raise will be run through to the 50 foot level.

It is now shown that the faulting has shattered the ore, in this section of the vein below the 130 foot level and doubtful that it will be picked up at any point below. However, the vein in the north drift does not seem to be so badly shattered and we hope to find another ore shoot to the north.

No work has been done to pick up the vein south of the shaft.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt

C. L. Hewitt, Pres.

ij

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: [illegible]% Amount, $[illegible]

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 / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	[illegible]	[illegible]	[illegible]	132.00	2013.00	2145.00
Drifting	[illegible]	[illegible]	[illegible]	429.00	1843.00	2272.00
[illegible]					8457.50	8457.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	[illegible]	[illegible]	[illegible]	9.00	72.00	81.00
Payroll Taxes						
Liability Insurance						
[illegible]	[illegible]	[illegible]	[illegible]	200.00	100.00	300.00
		[illegible]				
(8) Contingencies (specify):		[illegible]				
Stage I					21543.50	21543.50
TOTALS	[illegible]	[illegible]	[illegible]	770.00	34034.00	34804.00

RECEIVED JUN 24 1957 D.M.E.A.

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

Date [illegible] *Payee Boss Mines Inc.

Per [illegible] Title [illegible]

*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:

$ 385.00

Signature [illegible] (Authorized Certifying Officer)

Date 6/18/57 Vou. No. 1996

(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. E 743 in accordance with the terms of the contract.

Signature /s/ John A. Bowaker Title Mining Engr. Date 5/29/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date 6/5/57

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

MAY 2 REC'D

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		300 ft. / 200 ft.	Stage II - 32.00 / Stage III - 32.00
Crosscutting	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
Raising								
Shafts								
Winzes	[illegible]	[illegible]	[illegible]	[illegible].50	[illegible]		100	25.00 ft.
Drilling: Core Diamond							650 / 500	Stage II - 5.50 / " III - 5.50
Churn [illegible] - Stage II							30	30.00 ft.
Auger [illegible] - Stage III							20	30.00 ft.
Stripping								
Trenching [illegible]	ft.						120 / 80	Stage II 7.50 / " III 7.50
Test Pits [illegible]								
Roads and Trails [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]27		100 / 60 / 8	Stage II 3.00 / " III 3.00 / " II 50.00 / " III 50.00
Total Distributed Costs		[illegible]	[illegible]	[illegible].50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Stage I				21543.50				
Total Costs				34804.00				

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 [illegible] Operator [illegible]

Per Ch. Hewitt Title [illegible]

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)

/s/ John A. Lowsher
Mining Engr.
5/29/57

RECEIVED JUN 24 1957 D.M.E.A.

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.

GPO 872894

MAY 3 1 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 24 1957

DATE	INITIALS	CODE

Helena, Montana
May 28, 1957

Bureau of Mines
U. M. E. A.
Administration Bldg.
School of Mines
Butte, Montana

Bonanza Mines, Inc.
345 N. Rodney, Helena, Montana
Contract No: Amended IDM E 743
Docket No: DMA 3548

Gentlemen:

In the month of April 1957, the drift on 130 foot level was extended northerly to a point 33 feet from B. . Station 737, an advance of 13 feet. The vein structure is still showing but with very little value. See sample #6128.

The crosscut which runs easterly from B. . Station 737 to a point 16 feet from B. . Station 737, making an advance of feet. The face of this crosscut is now quite hard and tight with no vein showing.

The remainder of the month, time was used in a raise which is being run up on the fault (or vein structure) to see how far the ore extends below the 100 foot level. I believe this raise will be of more exploratory value than any other work that we could do as it will show what happened when this fault cut off and sheared the ore into fragments in the drag. The raise will also provide badly needed ventilation when we hole through to the 100 level.

Mr. Irving visited the mine on May 10th and will bring up to date the map on the 21st or 22nd of this month. I will include a copy of this map with my report.

Yours very truly,

C. L. Hewitt

C. L. Hewitt, Pres.

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

Budget Bureau No. 42-R1036.5

APR 16 REC'D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Feb. & March, 1957 Docket No. DMEA 2548 Contract No. Approved 1957 749

Operator's Name Lone Star, Inc. Minerals Lead - Zinc

Address 240 N. Rodney St., Helena, Montana

Contract Amount, $ 97,200.00 Government Participation: 70 % Amount, $ 30,694.28

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 Short Form Contracts:						
Drilling Core						
Bulldozing D.D. Cons						
Crosscutting	1014.00	264.00	2170.00	1914.00	99.00	2013.00
Drifting	495.00	1353.00	1848.00	495.00	1353.00	1848.00
Mine cleaning	00	8457.50	8457.50		8457.50	8457.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	15.00	57.00	72.00	15.00	57.00	72.00
Payroll Taxes						
Liability Insurance						
Pre-Geologist	50.00	150.00	200.00	-0-	100.00	100.00
(8) Contingencies (specify):						
Stage 1		21543.50			21543.50	21543.50
TOTALS	2574.00	31610.00	34184.00	2424.00	31610.00	34034.00

RECEIVED APR 30 1957 D.M.E.A.

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

Date Apr 30, 1957 *Payee Lone Star, Inc.

Per [signature] Title Pres.

*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:

$ 121200

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 4/23/57 Vou. No. 1972

(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. E 743 in accordance with the terms of the contract.

Signature /s/ John A. Bowden Title Mining Engineer Date 4/18/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wing G. Agnew Title Acting Exec. Date 4/22/57

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

APR 1 6 DEC'D

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
				3861	117			
Drifting	ft.	[illegible]	16	1000	63		200 ft - Stage II - 33.00/ft. 200 ft - " III - 33.00/ft.	
Crosscutting	ft.	1014	60	2320 2013	66 61			
Raising								
Shafts								
Winzes	ft.	[illegible]	[illegible]	[illegible]	[illegible]			
Drilling: Core								
Churn							20	20.00/ft.
Auger							20	33.00/ft.
Stripping								
Trenching								
Test Pits								
Roads and Trails		13.00	6	[illegible]	[illegible]		100 - Stage II 60 - " III 8 - Stage II 8 - " III	[illegible] 3.00/ft [illegible] 50.00 ea [illegible] 50.00 ea
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			
TOTAL DISTRIBUTED COSTS		2424.00 [illegible]	28 [illegible]	12490.50 [illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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.

Date [illegible] Operator [illegible]

Per [signature] Title [illegible]

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)

REMARKS:

(For Government use only)

/s/ John A. Bowsher, Mining Engineer

RECEIVED APR 30 1957 D.M.E.A.

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.

GPO 872894

APR 1 6 1957

Helena, Montana
April 13, 1957

D. M. E. A.
U. S. Bureau of Mines
Administration Building
Montana School of Mines
Butte, Montana

Boss Mines, Inc.
545 N. Rodney, Helena, Montana
Docket No: DMEA 3548
Contract: Amended IDA E 743

Gentlemen:

In March 1957, we extended the drift on the West vein a distance of 15 feet. The structure continues to be strong both north and south but values are low so this work was suspended.

From B. M. Station 736, which is in the center of the 8 foot crosscut ~~which was~~ run westerly from our winze, a crosscut was run northeasterly to intersect the vein shown by the 40 foot drill hole which was drilled N.88W. from the "west" vein, 13 feet north of the north end of our winze. This crosscut was extended 50 feet to B.M. Station 737.

At a point approximately 37 feet from Station 736, a vein was cut, with considerable water and approximately 10 inches of ore on the foot wall, assay of which was high in silver-lead and zinc. See sample #6134.

From the east side of drift at Station B. M. 737 a crosscut was extended easterly 8 feet with no ore showing. A long hole was drilled 31 feet S. 66W. from face of this crosscut. The sludge from each two foot section was carefully panned and no mineral was showing in entire length of hole.

This crosscut will be extended 8 to 10 feet, also the same distance advanced on the north breast of a 16 foot drift which has been run in April from where crosscut starts at B. M. Station 737.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt, Pres.

OFFICIAL FILE COPY
D M E A
RECEIVED APR 30 1957

DATE	INITIALS	CODE

DMEA Field Team, Region I

April 23, 1957

DMEA Certifying Officer, Region I

Contract No. Idm-N743, Docket No. DMEA 3548, Ross Mines, Inc.
Monthly operating report for February-March

The subject operating report has been received and processed for payment.

The Operator claimed Engr.-Geologist services of 1 day or $50.00. Since the contract states the Operator must employ the Engr.-Geologist for a minimum of two days each month, we have deleted the $50.00 claimed. If the Operator submits a bill showing technical services of 2 days and the month it covers, we will reinstate the item.

Dorothy F. Long

cc: USGS (2)
DMEA (2)
Contract Admin. & Audit Div.
JAB
AD

OFFICIAL FILE COPY
D M E A
RECEIVED APR 30 1957

DATE	INITIALS	CODE

Boss Mines Inc. P O Box 904 Helena, Montana.

Amended

Contract IDM-E 743

Lead- Zinc.

OFFICIAL FILE COPY
DMEA
RECEIVED APR 15 1957

DATE	INITIALS	CODE
4/15	C	220
"	CM	100
		800

D M E A

U.S.Bureau Of Mines

Administration Building

Montana School of Mines

Butte, Montana.

Gentlemen;-

We did not submit a monthly operating report or voucher, for the month of February, 1957 as there was practically no work done on the contract. The time was taken up in making the sump and landing space for our skip, timbering station and sump, installing guides and skip, making a permanent installation on our pumping system and installing ventillation equipment. We have everything in very nice operating condition now, and have the mucking machine on the new 150 ft level so better progress can be made.

I will take the liberty of including the Feb assays and our geologist's account with the March report.

Yours very truly,

C.L.Hewitt

C.L.Hewitt, Pres.

Boss Mines Inc.

Form MF-1[illegible] (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

OPERATOR'S MONTHLY REPORT AND VOUCHER

Amended

Month of January, 1957 Docket No. DMEA 3548 Contract No. [illegible]
Operator's Name Zero Mines, Inc. Minerals Lead - zinc
Address 545 E. Rodney, Helena, Montana
Contract Amount, $ 57,209.00 Government Participation: 50 % Amount, $ 20,604.25

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 Short Form Contracts:						
Drilling: none						
Bulldozing: [illegible]						
Crosscutting	264	0	264.00	99.00	-0-	99.00
Drifting	1353	0	1353.00	1353.00	-0-	1353.00
Mine airlift	297.50	8160	8457.50	297.50	8160.00	8457.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	6.00	48.00	54.00	6.00	51.00	57.00
Payroll Taxes						
Liability Insurance						
Inc. Geologist	0.0	150.00	150.00		100.00	100.00
(8) Contingencies (specify):						
Grant 1		21543.00			21543.50	21543.50
TOTALS		29801.00	10279.50	1755.50	29854.50	31610.00

RECEIVED MAR 14 1957 D.M.E.A.

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

Date Feb. 19-1957 *Payee Zero Mines, Inc.

Per [signature] Title Pres.

*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:

$ 877.75

Signature [signature] (Authorized Certifying Officer)

Date 3/11/57 Vou. No. 1949

(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. E-743 in accordance with the terms of the contract.

Signature /s/ George T. Tkemgucky Title Mining Engr. Date 2/25/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Executive Officer Date 3/4/57

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1957 Docket No. DMEA 3548 Contract No. Amended DMI-B 703

Operator's Name Dom Mines, Inc. Minerals Lead - Zinc

Address 845 N. Rodney, Helena, Montana

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft	1353	41	1353	41			
Crosscutting	ft	264	0	~~264~~ 99.00	~~30~~		200	33.00
Raising								
Shafts								
Winzes sinking	ft	307.50	3.5	8657.50	99.5		100	63.00
Drilling: Core	ft						1150	6.50
Churn							20	27.00
Auger							20	20.00
Stripping								
Trenching Dozer & equip	ft						200	7.50
Test Pits Other				57.00				
Roads and Trails Access	mi	6.00	2	~~54.00~~	19		100	3.00
Misc. Contract	ea	00	0	150.00	3	150	16	50.00
Total Distributed Costs		1920.50	54½	10278.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1920.50		10270.50				

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 Feb. 19, 1957 Operator Dom Mines, Inc.

Per [signature] Title Pres.

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)

/s/ George T. Frenzesky, Mining Engr.

RECEIVED MAR 14 1957 D.M.E.A.

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.

GPO 872894

Helena, Montana
February 19, 1957

U. S. A.
U. S. Bureau of Mines
Administration Building
Montana School of Mines
Butte, Montana

Amended Contract IDM-E 743
Boss Mines, Inc.
545 N. Rodney, Helena, Montana
Lead - Zinc

Gentlemen:

In the month of January 1957, we sunk the winze an additional 3.5 feet making a total of 99.5 below the 45 foot level. From this point we ran a crosscut westerly a distance of 8 feet. Several long drill holes from this level indicated presence of a vein about 3 feet beyond the end of the crosscut. This vein was in normal position, had the dip of our vein continued to dip westerly as it did above our 100 foot level. With this information we drifted north 20 feet and 21 feet south, in January.

This work was approved by Mr. Irving after he had been informed that we had cut a vein and a large flow of water. The vein got stronger as we drifted north but had only seams of ore 2 to 6 inches width and this ore did not have the usual ratio of silver and zinc to lead content, although it is a good strong structure. After going 35 feet to the north, we cut a raise round in which shows the dip even more easterly from 68° to 76°. The vein also shows approximately 15° more westerly strike than our main vein. With this information on hand and with the approval of Mr. Irving who visited the mine February 12th, we halted work on this vein and run two drill holes 40 feet easterly and picked up approximately 6 feet of vein matter with quite heavy sul-hide showing 18 feet southerly from present drift, indicating that vein is dipping easterly even more than shown on 100 foot level where we thought that the easterly dip was local and that vein would resume westerly dip. After consulting the Butte office we were advised to consult with Mr. Weissenborn, requesting permission to crosscut southerly approximately 25 feet to intersect what is obviously our main vein and then drift on it.

In the interim we are extending our winze, on our own, to main 48 feet for a sump and landing station for our skip which will be put to use as soon as sump is completed and guides installed. This will greatly expedite the work as it is too deep now to use the sinking bucket for hoisting rock from crosscutting and drifting.

Yours very truly,
BOSS MINES, INC.

C.L. Hewitt, Pres.

EXTRA COPY
DMEA
RECEIVED FEB 14 1957
DATE | INITIALS | CODE

DMEA Field Team, Region I, GW March 11, 1957

DMEA Certifying Officer, Region I

Contract No. Ida-2743, Docket No. DMEA 3548, Sun Mines, Inc.
Monthly Operating report for January

The subject operating report has been received and processed for payment.

The operator claimed 8 feet of crosscutting which did not agree with the engineer's report. The engineer showed 3 feet, a difference of 5 feet, which has been deleted. In the event the footage claimed should prove to be correct, the amount deleted may be reclaimed at a later date.

Dorothy Long

cc: Operator
DMEA (2)
USGS (2)
Contract Admin. (2)
GTK
AE

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 14 1957

DATE	INITIALS	CODE
3/14	C	220
14	Conn	100
		800

Form MF-10 (Rev.)
(April 1952)

JAN 21 REC'D

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Amended

Month of December 1956 Docket No. DMEA 3548 Contract No. IDM-E 743

Operator's Name Boss Mines, Inc. Minerals Lead - zinc

Address 545 North Rodney, Helena, Montana

Contract Amount, $ 57,208.50 Government Participation: 50% Amount, $ 28,604.25

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 Short Form Contracts:						
Drilling core						
~~Bulldozing~~ D.D. stations						
Crosscutting	0.0					
Drifting	0.0					
Winze sinking	340.00	7820.00	8160.00	340.00	7820.00	8160.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	3.00	45.00	48.00	6.00	45.00	51.00
Payroll Taxes						
Liability Insurance						
Eng - Geologist	50.00	100.00	150.00	100.00	-0-	100.00
(8) Contingencies (specify): Stage 1		21543.00			21542.50	21542.50
TOTALS	393.00	29508.00	8358.00	446.00	29408.50	29854.50

RECEIVED FEB 15 1957 D.M.E.A.

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

Date Jan. 19, 1957 *Payee Boss Mines, Inc.

Per [signature] Title Pres.

*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:

$ 223.00

Signature [signature]
(Authorized Certifying Officer)

Date 2-1-57 Vou. No. 1934
(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. F-743 in accordance with the terms of the contract.

Signature /S/ George T. Kempsky Title Mining Engr. Date 1/21/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ A. E. Weissenborn Title Exec. Officer Date 1/28/57

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

JAN 21 REC'D

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Amended

Month of Dec. 1956 Docket No. DMEA 3548 Contract No. IDM-F 743
Operator's Name Boss Mines, Inc. Minerals Lead - zinc
Address 545 North Rodney, Helena, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting	ft.	00.00	00.00				300	33.00
Raising								
Shafts								
Winzes sinking	ft.	340.00	4	8160.00	96		100	85.00
Drilling: Core	ft.						1150	5.50
Churn D.D.stns	ft.						20	33.00
Auger							30	30.00
Stripping								
Trenching Drift xcut timber ft							200	7.50
Test Pits								
Roads and Trails Assays	each	3.00	1	48.00	16	48	160	3.00
Eng - Geologist	da	50.00	1	150.00	3	150	16	50.00
TOTAL DISTRIBUTED COSTS		393.00	6	8358.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Stage 1								
TOTAL COSTS		393.00	6	8358.00				

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 Jan. 19, 1957 Operator Boss Mines, Inc.
Per C. Hewitt Title Pres.

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)

/S/ George T. Krompasky, Mining Engr.

RECEIVED FEB 15 19 D.M.E.A.

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.

GPO 872894

JAN 21 1957

EXTRA COPY
DMEA
RECEIVED FEB 15 1957

DATE	INITIALS	CODE

January 19, 1957

D. M. E. A.
U. S. Bureau of Mines
Administration Building
Montana School of Mines
Butte, Montana

Boss Mines, Inc.
Amended Contract IDM-E 743
Lead - Zinc

Gentlemen:

Our work in December, 1956, was confined to some retimbering with other work on adit level and to the winze. We only completed four feet of sinking in the month.

I am enclosing a statement from Mr. Irving, our Engineer-Geologist which covers his work in November and December. There was no allowance for his services in November, so I assume this will be taken care of in the December voucher.

A copy of Mr. Irving's composite geologic plan map is also enclosed showing two ten foot drill holes which we run out. We now have a set of jointed steel that will allow us to run forty foot holes. More drilling was carried on in January which will be shown on the map next month. The sample obtained from sludge was very light as there was such a heavy flow of water when vein was cut. Our employees took their annual vacation in December, which retarded our progress. Our winze at the end of December was 96 feet below the "45" foot level.

We have had pump troubles this past week which made it necessary for me to be at the mine, causing this delay in getting the report in to you.

Yours very truly,

C. D. Hewitt

C. D. Hewitt, Pres.
BOSS MINES, INC.

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS
[illegible]6 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

RECEIVED FEB 15 1957 D.M.E.A.

Date [illegible]

UMPIRE ASSAY ..... CONTROL ASSAY ..... HAND SAMPLE [illegible]

ASSAYED FOR [illegible] MARKS: [illegible]

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	[illegible]									
	[illegible]									
	[illegible]									

Gold not deducted: .....

Charges $ [illegible]

GOODALL BROS.

By [illegible]

2M-11-56-3476

JOHN S. ROACH

LEWIS & WALKER

ASSAYERS AND CHEMISTS

SHIPPERS' REPRESENTATIVES

Box 1880

108 North Wyoming Street
BUTTE, MONTANA

Phone 2-8131

RECEIVED FEB 15 1957 D.M.E.A.

Date [illegible]

Your Sample Assayed as Follows:

	OZS. PER TON	OZS. PER TON	VALUE PER TON AT $35 PER OZ.	%	%	%	%	%	%	%
	SILVER	GOLD	GOLD $ CTS.	COPPER	LEAD	ZINC	SILICA	IRON	MANGANESE	
[illegible]	[illegible]				[illegible]	[illegible]				

Charges $_____

Respectfully Submitted

[illegible]

Form MF-10[illegible] (Rev.)
(April, 1954)

RECEIVED
DEC 23 1956
D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

DEC 18 REC'D

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: [illegible]% Amount, $[illegible]

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 Short Form Contracts:						
Drilling [illegible]						
Bulldozing [illegible]						
Crosscutting						
Drifting	0.0					
[illegible]	[illegible]	[illegible]	[illegible]	1615.00	6205.00	7820.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	[illegible]	[illegible]	[illegible]	3.00	42.00	45.00
Payroll Taxes						
Liability Insurance						
[illegible]	[illegible]	[illegible]	[illegible]	-0-	-0-	-0-
(8) Contingencies (specify):						
[illegible]		[illegible]			21543.50	21543.50
TOTALS	[illegible]	[illegible]	[illegible]	1618.00	27790.50	29408.50

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

Date [illegible] *Payee [illegible]

Per [illegible] Title [illegible]

*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:

$ 809.00

Signature [illegible]
(Authorized Certifying Officer)

Date 12-20-56 Vou. No. 1910

(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. E 743 in accordance with the terms of the contract.

Signature (S) John A. Bowsher Title Mining Eng Date 12-18-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) A. E. Weissenborn Title Executive Officer Date 12-20-56

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.

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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".

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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).

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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.

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

RECEIVED DEC 26 1956 DEC 28 REC'D D.M.E.A.

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

Month of Nov. 1956 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting	ft.	[illegible]	[illegible]				[illegible]	[illegible]
Raising								
Shafts								
Winzes	ft.	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
Drilling: Core	ft.						[illegible]	[illegible]
Churn	ft.						[illegible]	[illegible]
Auger							[illegible]	[illegible]
Stripping	ft.						[illegible]	[illegible]
Trenching								
Test Pits								
Roads and Trails	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Distributed Costs		[illegible]	[illegible]					Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. [illegible]				[illegible]				
Total Costs		[illegible]	[illegible]	[illegible]				

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 [illegible] Operator [illegible]
Per [signature] Title [illegible]

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)

Remarks:

(For Government use only)

151 John A Bowsher
Mining Engr.

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.

GPO 872894

BOSS MINES, INC.
P. O. Box 904
Helena, Montana

December 18, 1956

O. M. E. A.
U. S. Bureau of Mines
Administration Bldg.
Montana School of Mines
Butte, Montana

Re: Amended Contract #IDM-E 743
Boss Mines, Inc., Lead - zinc
545 N. Rodney, Helena, Montana

Gentlemen:

Through the month of November 1956, we worked continuously on the winze project. We encountered some very soft ground where it looked like the vein structure had reversed its dip from west to east and should now be east of the vertical winze instead of on the west side as it was on the 45 and 89 foot levels. However, this will be determined after station is cut on the "150" level, by drilling some long holes.

We will have Mr. I. G. Irving, Eng. Geologist on the job next week and will go over this situation with him so we will be cutting the station and have good exposures for examination. This soft section of rock predominated for approximately 30 feet and part of it required double sets of timbers to hold ground, before our regular winze cribbing could be installed. The rock on west side of winze is a hard, massive pink gneiss so that is where station will be cut rather than on the east side which would require extensive timbering and might even endanger winze cribbing and timbering.

You will notice that I have deleted the $495.00 item covering the 15 feet of drifting at the 89 foot level as it was not allowed in voucher, not being covered in contract. I wish to point out, however, that this was most important exploratory work and I am sure your geologist will attach importance to this work when he examines the project. It was necessary to ascertain the strike and dip at that point, also to see structure and character of vein. I hope you will reconsider this refusal and make allowance for this work.

I note that you changed our voucher as to the assaying charges to conform with contract which only allows $3.00 per assay. The assaying charges have been $1.50 for Pb., $1.50 for Zn., and $1.50 for Au-ag, which made an assay charge of $4.50. This rate has now been raised to $2.00 for Au-ag which would bring our charges to $5.00 per sample. I am considering having our samples run for Pb. and Zn. only as the Ag. content runs quite uniformly with the Pb., zn. content. We would have composite samples run for Ag. occasionally. This would keep our assaying charge to $3.00 per sample. I would appreciate having your advice on this matter, but in interim, I have changed the charges on the voucher to comply with the contract.

Now that we will have the winze and station completed in a few days, I will make a map showing winze, the 89 foot level, station and then carry on all drifting so that we can show location of sampling on map, with each monthly report and voucher. Up to this time a map would be of no value as our winze is not on the vein.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt

C. L. Hewitt, Pres.

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

DEC 1 1956

ASSAYERS AND METALLURGICAL CHEMISTS

46 South Main Street, Helena, Montana

TEL. HI 2-3770
P. O. BOX 537

Date Nov. 30-1956

UMPIRE ASSAY _____ CONTROL ASSAY _____ HAND SAMPLE _____

ASSAYED FOR: Boss Mines Inc.

MARKS: Box 904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6119	dump sample	0.005	8.0	1.4		3.1				
	REPRESENTING ROCK									
	FROM WINZE-95 TO									
	120'-DEPTH									

Gold not deducted: _____

Charges $ 4/50

GOODALL BROS.

By A. V. Trent

2M—11-56—3476

1201 N. Division St.
Spokane 2, Washington
December 20, 1956

Mr. C. L. Hewitt, President
Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

Re: Docket No. DMEA-3548 (lead-zinc)
Boss Mines, Inc.
Cascade County, Montana
Contract No. Idm-E743 (Amended)

Dear Mr. Hewitt:

Reference is made to your monthly operating report covering the month of November 1956.

In regard to your assaying, each sample is to be assayed for lead, zinc and silver. These three determinations constitute a unit and if all three determinations have not been made, then the unit is incomplete and is not reimbursable under the contract. The $3.00 per sample is a fixed unit cost and cannot be increased.

On your November 1956 voucher there is claimed $100.00 for engineering and geological services. Will you please support this item by a certified copy of a bill from the consultant employed and give the dates the services were rendered. In the future when a consultant is employed, you should state in your narrative report the dates of such employment.

By Field Team, Region I, NW District

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

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

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED D.M.E.A. FEB 3 1956

REC'D

Month of June 12- October, 195 6 inc. Docket No. DMEA 2640 Contract No. Idn-E 743 A nonad
Operator's Name Doss Mines, Inc. Minerals lead - zinc
Address 848 N. Rodney St., Helena, Montana
Contract Amount, $ 57,208.50 Government Participation 50 % Amount, $ 28,604.25

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 Short Form Contracts:						
Drilling core						
Bulldozing DD stations						
Crosscutting						
Drifting	495.00	—	495.00	—0—	—0—	—0—
Mine diking	6205.00	—	6205.00	6205.00	—0—	6205.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services Eng. Geol.						
(3) Operating Mat'ls. and Supplies:						
Timber lft. or m-cut						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	40.00	—	40.00	42.00	—0—	42.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
Stage I		21,543.50			21543.50	21543.50
TOTALS	6740.00	21,543.50	6740.00	6247.00	21543.50	27790.50

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

Date 11-13-56 *Payee DOSS MIN S, INC.

Per C. Heuett Title Res.

*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:

$ 3123 50

Signature M & P
(Authorized Certifying Officer)

Date 11-26-56 Vou. No. 1899
(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. E743 in accordance with the terms of the contract.

Signature 1S/ John A. Bowsher Title Mining Eng. Date 11-14-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1S/ A. E. Wessenborn Title Exec Officer Date 11-20-56

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

NOV 15 REC'D

DEC 3 1956 DMEA

Amended

Month of June 12-Oct. 1956 inc. Docket No. DMEA 354 Contract No. Idr-D 743
Operator's Name Deco Mines, Inc. Minerals lead-zinc
Address 545 N. Rodney St., Helena, Montana

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting	ft.	405.00	15	405.00	15		500	33.00
Raising								
Shafts								
Winzes sinking	ft.	6205.00	73	6205.00	73		100	85.00
Drilling: Core	ft.						1150	5.50
DD 3 to	ft.						20	33.00
" " Auger							20	30.00
Timbering Dft. x-cut timber	ft.						200	7.50
Trenching								
Test Pits								
Roads and Trails Assays	each	48.00	14	48.00	14	48.00	160	3.00
Engineer-Geologist	da	0.00	0	0.00	0		16	50.00
Total Distributed Costs		6740.00	102					Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Stage I				21543.50				
Total Costs		6740.00	102	28281.50				

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 11-13-56 Operator Deco Mines, Inc.

Per Ch. Hewitt Title Pres.

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)

(s) John A Bowsher

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.

GPO 872894

November 13, 1956

D. M. E. A.
U.S. Bureau of Mines
Administration Bldg.
c/o Montana School of Mines
Butte, Montana

Re: Contract No: Amended Ids E-743
Boss Mines, Inc. lead-zinc
545 North Rodney,
Helena, Montana

Gentlemen:

On June 12th, 1956, we resumed work on our winze at the 45 foot level. The winze was continued downward vertically using 3x12 fir timbers as tight cribbing. The east wall of the vein was showing in the winze for the first 16 feet but gradually left the winze due to the dip of the vein to the west.

S inking was slow and costly as the ground was "ravelly" in places and in other sections was soft on the west side requiring timbers both ways on the winze outside of cribbing section.

The rock is a grey gneiss and not very hard. The flow of water was approximately 12 G.P.M. where we started and has now increased to approximately 19 G.P.M. At a point 44 feet below our starting point, or 89 feet below the adit level, we crosscut 6 feet to the west, then drifted 15 feet to the north on the vein. Like the 45 foot level, the vein was quite lean near the winze but in 10 feet picked up to 11.0 % pb, 25.4 % zn. and 34 oz. ag, sample taken across 48 inch of face. The present face of this north drift shows about 18 inches outside of the east wall of vein and 4 feet of the vein which assays 9.6 pb., 28.5 zn. and 75.4 oz. ag. This silver assay is higher than any other samples and obviously included some of the Ruby which shows occasionally in the vein. We did not drift south on the vein, but where it is exposed in the crosscut on the southwest corner of winze, it shows 4 feet wide, assaying 3.0% pb., 18.1 zn. and 7.2 oz. ag. On October 31st we had sunk a total of 73 feet from the 45 level.

When the winze is completed, I will prepare a map spotting the assays and take samples each 10 feet in the drifts.

We have arranged with Mr. I. H. Irving, Mining engineer and geologist from Butte, Montana, to spend two days each month on the property, mapping and taking the geology so that he can check our work and we can discuss our work with him. I thought it would be of little help to have a geologist here while we are sinking as it is cribbed solid. We plan on getting him as soon as station is cut at the 145 foot level.

I had the assayer put all samples on one sheet to save time and expense. Hereafter, will include them with each months report.

Yours very truly,

BOSS MINES, INC. C L Hewitt

C. L. Hewitt, Pres.

A. ~~J. GOODALL~~,
~~Assayer, Chemist~~

A. V. TRENT,
Assayer, Chemist

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date.....

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines, Inc.

MARKS:

Sample No.	DESCRIPTION	Gold Ozs. Per Ton	Silver Ozs. Per Ton	Wet Lead Per Cent	Copper Per Cent	Zinc Per Cent	Iron Per Cent	Insol Per Cent	Per Cent	Total Val. Per Ton
6105	July 27	Tr	66.5	0.8			3.00			
6106	Aug. 6	0.005	29.8	24.2			3.00			
6107	" 11	Tr	7.0	10.3			3.00			
6108	" 18	0.01	0.9	2.2			3.00			
6109	Sept. 4	0.01	23.4	20.0			3.00			
6110	" 6	0.01	44.6	10.2			3.00			
6111	" 9	Tr.	12.5	10.6			3.00			
6112	" 9	0.01	0.6	0.6			3.00			
6113	Sept. 9	Tr.	6.2	5.2		6.7	4.50			
6114	" 9	Tr.	7.2	3.0		10.1	4.50			
6115	" 17	0.005	76.6	9.6		20.5	4.50			
6116	" 9	Tr.	3.4	1.3			1.50			
6117	" 24	0.01	34.0	11.0		23.4	4.50			
6118	Oct. 4	0.01	27.1	5.2		11.3	4.50			

Gold not deducted:.....

Charges $ 48.50

NPCo. Form 5—A-6064

GOODALL BROS.,

By A. V. Trent

NOV 1 5 REC'D

Sample #

6105 - 5' drill hole running west from NW corner of winze (sludge)

6106 - 6" vein near east side of winze N. 12, E. 38' below 75' level

6107 - 1st 3' of drill hole at 38' running west from W side of winze (sludge)

6108 - next 5' of drill hole extending from end of sample 6107 (sludge)

6109 - chunks of ore picked from cars of muck, 1st round to N. on 89' level

6110 - 36" sample across vein at 89' level, SW corner of winze

6111 - 1st 7 ft. of drill hole west side of winze at 89' level (sludge)

6112 - last 3 ft. of drill hole extention of sample 6111 (sludge)

6113 - face north drift on 89' level, 5' from winze, 5' wide not inc. BG streak

6114 - 4' vein matter exposed SW corner winze at 89' level

6115 - face N drift, 10 ft. from winze, 4 ft. wide, east part of vein

6116 - 16" vein cutting across N. drift 10 ft. from winze, 16" wide

6117 - face N drift on 89' level, 15 ft. from winze, 54" wide

6118 - grab car samples representing all muck from N. drift, 89' level

DMEA Field Team, Region I, NW Dist

November 29, 1956

Certifying Officer, Region I

RECEIVED
DEC 3 1956
DMEA

Contract Idm-8743, Docket No. DMEA 3548. Rose Mines, Inc.
Monthly operating report for June 12-October, 1956.

The subject operating report has been received and processed for payment. Disallowances have been made as follows:

1. The operator drifted northerly 15 feet from the 89 foot level. This drifting is not called for in the contract and has not been approved by the Field Team. Therefore, $495.00 claimed by the operator for this item has been disallowed.

2. The operator claimed his actual costs of $48.00 for assaying 14 samples. The contract specifies a unit cost of $3.00 for each sample assayed. A cost of $42.00 has been approved to cover this item.

Myrtle Purdy

cc: Operator

DMEA (2)
USGS (2)
Wash. (2)
AD
JAB

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

RECEIVED
APR 6 - 1956

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Boss Mines, Inc.
545 Rodney Street
Helena, Montana

pertaining to Exploration Project Contract No. Idm-E743, Docket No. DMEA-3548, dated December 7, 1954, including Amendments Nos. 1 and 2, and a Termination Agreement dated February 20, 1956, covering a project for the exploration of lead and zinc on property known as the Boss and Atlantus Claims, located in Cascade County, State of Montana, for the period of December 7, 1954 to December 9, 1955, inclusive.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reasons:

(a) The administrative cost to the Government of an audit would be excessive in relation to the estimated amount of possible further disallowance thereunder;
(b) the Monthly Reports were supported by documentary proof of costs incurred under the actual cost provisions of the contract; and
(c) a major portion ($21,360.00) of the costs accepted were under a contract provision for payment by the Government on the basis of Fixed Unit Costs of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor.

Total Cost as billed by Contractor		$22,458.50
Exceptions (Schedule attached)		
By DMEA Finance Officer	None	
Herewith	$915.00	915.00
Total Accepted Cost		$21,543.50

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 Ten thousand seven hundred seventy one and 75/100 Dollars

--$10,771.75--

is considered valid and proper, provided 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

April 4, 1956

C. A. Turner, Auditor

RECEIVED
APR 6 - 1956

Schedule of Exceptions

Boss Mines, Inc. **DMEA 3548** **Idm-E743**

Claimed Final MF-104 dated November 1955

Drifting	343.5 ft.	@ $30.00 per foot	$10,305.00	
Crosscutting	399 ft.	@ *30.00 per foot	11,970.00	
Assays	54	@ *3.40 each	183.50	$22,458.50

Accepted Costs - Final Inspection March 14, 1956

Drifting	313 ft.	@ $30.00 per foot	9,390.00	
Crosscutting	399 ft.	@ *30.00 per foot	11,970.00	
Assays	54	@ *3.40 each	183.50	21,543.50

Disallowed by Review

Drifting	30.5 ft.	@ 30.00 per foot	$ 915.00

*approximate average cost

Disallowance was made for unauthorized work claimed by the Operator. Memoranda dated December 13, 1955, and January 4, 1956, addressed to the Field Team by the examining engineers verified measured total of 712 feet of acceptable drifting and crosscutting.

C. A. Turner, Auditor

April 4, 1956

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

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

APR 6 1956

Re: Report of Review
Xdm-2743, DMEA-3548
Dome Mines, Inc.

Dear Mr. Turner:

Reference is made to your Report of Review covering the referenced contract.

This Division has made the following revisions in the Washington copies of the report and attached schedule:

(1) The third line of reason (b) in the third paragraph of the report changed to read "the actual cost provisions of the contract; and"

(2) The first word in the second line of reason (c) in the third paragraph of the report changed to "accepted"

(3) An asterisk (*) placed ~~after~~ before "3.40 each" in two places in the schedule and a footnote added stating "approximate average cost"

(4) On the schedule a further explanation of the disallowance added to your single line as follows: "Memoranda dated December 13, 1955, and January 4, 1956, addressed to the Field Team by the consulting engineers verified measured total of 712 feet of acceptable drifting and crosscutting"

After those changes have been effected on all other copies normal distribution is authorized.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbertw/b
April 6, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

Budget Bureau No. 42-R1036.5

RECEIVED
MAY 7 - 1956

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

Month of November 1955 Docket No. DMEA 3548 Contract No. IDME 743
Operator's Name Boss Mines Inc. Minerals Lead- Zinc
Address 545 North Rodney St. Helena, Montana.
Contract Amount, $ 24146 Government Participation: 50 % Amount, $ 12073

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	None	11970	11970	-0-	11970.00	11970.00
Drifting	1245	9060	10305	330.00	9060.00	9390.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	15	168.50	183.50	15.00	168.50	183.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1260	21198.50	22458.50	345.00	21198.50	21543.50

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

Date 12/27/55 *Payee Boss Mines Inc.

Per [signature] Title Pres.

*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:

$ 172.50

Signature [signature]
(Authorized Certifying Officer)

Date 4/30/56 Vou. No. 1760
(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. E743 in accordance with the terms of the contract.

Signature (S) John A Bowsher Title Mining Engr Date Jan 3-1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W Goldsb Title Mining Engr Date Jan 5-1956

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.

Reed Butte 12/29/55

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAY 7 - 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 195 5 Docket No. DMEA 3548 Contract No. DMA 743
Operator's Name Boss Mines Inc. Minerals Lead-Zinc
Address 545 North Rodney St, Helena, Montana.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	1245.00	41.5	10305	343.5	30	760	30.00
Crosscutting	Ft	none	none	11970	399	30		30.00
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								
New Buildings, Improvements, etc.								
Assaying		15.00	5	100.50				
TOTAL COSTS		1260.00	345.00	22450.50	21543.50			24146.00

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.

REMARKS:

Date 12/15/ 27 Operator Boss Mines Inc.

Per C. H. Leavitt Title Pres.

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)

151 John A Bawshu

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.

GPO 872894

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. HI 2-3770
P. O. BOX 537

Date DEC 3 - 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	Gold Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
~~6080~~		~~0.005~~	~~Tr.6~~	~~2.2~~						
6081	FACE - S. DIKE DRIFT - 5'	Trace	0.6	0.8	54½	S. FROM X CUT				
6082	BRONZE COLORED PYRITES	Trace	2.8	0.9	12" WIDE IN S. DRIFT -				50' FROM X	CUT

Gold not deducted: .....

Charges $ ~~9.00~~ 6.00

GOODALL BROS.

By A. V. Trent

NPCo. C-3669

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date NOV 25 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. B-4904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6075		~~Trace~~	20.4	2.0						
6076		✓	26.4	1.4						
6077	FACE S. DIKE DRIFT 50'	✓	2.5	0.6	FROM X CUT					
6078	" N " " 27'	✓	0.5	0.4	" X CUT					
6079	" N " " 24'	✓	3.1	0.4	" X CUT.					

Gold not deducted:.....

Charges $ ~~15~~ 9.00

GOODALL BROS.

By A. V. Trent

NPCo. C-3217

Boss Mines Inc.

Helena, Montana Nov. 27,1955.

RECEIVED
MAY 7 - 1956

DMEA
U S Bureau of Mines
Administration Building
c/O Montana School of Mines
Butte, Montana.

Gentlemen;-

In the month of November,1955 to we continued work on the south Dike drift which was extended 24.5 ft. The North Dike drift was also extended 17 ft. Both of these faces are low in mineral content,quite soft and broken. The vein structure continues to be strong and persistent.
We decided to abandon this dike drift and our action met with the approval of Mr. Bowsher.

There being no other approved work under this part of our contract,we suggest that it be terminated.

We would like to continue exploratory work with DMEA assistance, to get greater depth on the ore body that we have shown in our winze work. We have went down a depth of aprox 50 ft and drifted aprox 100 ft. All of this work is on a strong structure and has exposed very good grade of ore,in lead-zinc and silver content. The vein is strong, striking N 52 East and is strong in both the south and north faces of the drift. We would like to cut this vein from the Moulton shaft from the 300 level,which would give us aprox 360 ft of depth below our cross cut tunnel. I will write a seperate letter to the Spokane office for advice on this action.

In my October report,I mentioned the discrepancy in measurments on our work under contract, from the crosscut tunnel,dating back to May of 1955.
After discussion with Mr. Bowsher we find that no ~~allowance~~ allowance had been made for "side-swiping",or extra work for switch installations, which had been compensated for in the May measurments, by taking the drift measurments from track to face instead of wall to face as is now being done. This May report,having been approved in May,June,July, August and September reports,we assumed had been accepted and all of our budgets has been based on these figures.
Mr. Bowsher advised that there will be 31 ft deleted from what we have been paid for from our earned footage, so it looks like it is up to the DMEA to make this decision.

Yours very truly,

C.L.Hewitt

C.L.Hewitt
Boss Mines Inc.

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

Budget Bureau No. 42-R1036.5

RECEIVED DEC 16 1955

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

Month of October, 1955 Docket No. DMEA 3540 Contract No. 1221-A-743
Operator's Name Ross Lines Inc Minerals Sec. 3140
Address 246 N. Rodney St Helena, Montana.
Contract Amount, $ 24146.00 Government Participation: 50 % Amount, $ 12073.00

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	None	11970.00	11970.00		11970.00	11970.00
Drifting	1260.00	7800.00	9060.00	1260.00	7800.00	9060.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	3.50	165.00	168.50	3.50	165.00	168.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1263.50	19935.00	21198.50	1263.50	19935.00	21198.50

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

Date Oct. 14, 1955 *Payee Ross Lines Inc.

Per C. Hewitt Title Secy.

*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:

$ 631.75

Signature M. Sp (Authorized Certifying Officer)

Date 12-12-55 Vou. No. 1664

(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. E743 in accordance with the terms of the contract.

Signature 1S/ John A. Bowsher Title Mining Eng. Date 11-18-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1S/ Stephen W. Zoldok Title Mining Eng. Date 12-12-55

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 16 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1955 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Ross Mines Inc. Minerals Lead-zinc
Address 543 S. Rodney St. Helena, Montana.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft	1260.00	42	9060.00	302	30.00	760	30.00
Crosscutting	Ft	none	none	11070.00	390	30.00		30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	5.50	1	105.50	29	3.00	105	5.50
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1265.50		21135.50				24100.00

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 Nov. 14, 1955 Operator Ross Mines Inc.

Per C. J. Merritt Title Pres

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)

Remarks:

(For Government use only)

/s/ John A. Bowsher

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.

GPO 872894

RECEIVED
DEC 16 1955

November 14,1955.

DMEA
U. S. Bureau of Mines
Administration Building
c/o Montana School of Mines
Butte, Montana.

Gentlemen;-

In the month of October, we drifted south on the "Dike" vein a distance of 30 feet and to the north,12 ft,on same vein. Very little mineral is showing and the vein is soft with heavy gouge and considerable oxidized material showing practically no values.
This is all the work that was done on DMEA participation,although the work on the winze was continued and five car loads of ore shipped, four of which have been settled for and royalty paid.
We are now drifting on the 50 ft level on a strong vein and would like to have DMEA assistance on this exploratory work. It is purely exploratory as it did not show up on the drift level and we wish to prove a length to the ore shoot and will them make preparations to develop it at greater depth.

Afterwe completed the work in October on the drifting, we were advised that there had been an error back in May and that 31 ft of credit would be deleted from our October reported footage.
We were not advised as to this action until November which makes it a rather rough deal on me as my budget would not permit this work to have been done if I had known that we would have to stand the entire cost. In fact I did not wish to do that work,but was urged to do it.

The reason for the discrepancy in the measurments is a result of the difference in the manner of measuring. The engineers who were in charge of the Butte office at that time agreed,when I called attention to the fact that we had an excessive amt of work involved in drifting due to the side swiping and cutting out for switches. To compensate for this,I understood that all measurments were taken from track instead of wall.

This deduction will mean a personal loss to me of that amount as I accepted the monthly reports,each of which has been approved since May and made my budget accordingly. It certainly does not appear to be a fair way to arrive at a balance at this time,and I respectfully request that you reconsider it.

Yours very truly,
C.L.Hewitt
C.L.Hewitt Pres.

P.S. Please excuse the lateness of this report as I have been held in the field due to the bad weather and the installation of new equipment at the mine.
CLH.

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

RECEIVED
DEC 16 1955

TEL. 628
P. O. BOX 537

Date OCT 8 - 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Box 904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6066		0.005	34.0	4.8						
6067		Trace	40.2	2.8						
6068		Trace	18.0	2.6						
6069	52" VEIN IN MAIN	Trace	2.2	0.6		2.0				
	XCUT-92'-WEST OF									
	101 DRIFT.									
	DIP-52-W STRIKE									
	N. 11 E - SAMPLED									
	ON SUGGESTION									
	MR. BOWISHER									

Gold not deducted.....

Charges $ ~~1.35~~ 3.50

GOODALL BROS.

By A. V. Trent

NPCo. C-3217

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

Budget Bureau No. 42-R1036.5

RECEIVED
SEP 26 1955

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

Month of August, 1955 Docket No. DMEA 3548 Contract No. IDM E 743
Operator's Name Boss Mines, Inc. Minerals Lead - Zinc
Address 545 N. Rodney, Helena, Montana
Contract Amount, $ 24,146.00 Government Participation: 50 % Amount, $ 12,073.00

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	660.00	11310.00	11970.00	660.00	11310.00	11970.00
Drifting	none	7800.00	7800.00		7800.00	7800.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	16.50	153.00	169.50	12.00	153.00	165.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	676.50	19263.00	19939.50	672.00	19263.00	19935.00

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

Date 9-12-55 *Payee Boss Mines, Inc.

Per [signature] Title 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:

$ 336.00

Signature [signature]
(Authorized Certifying Officer)

Date 9-21-55 Vou. No. 1609
(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. E743 in accordance with the terms of the contract.

Signature /s/ John A Dawsher Title Mining Eng Date 9-12-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W Goldoh Title Mining Eng Date 9-19-55

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

Rock Butte
9/12/55

RECEIVED
SEP 26 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1955 Docket No. DMEA 3548 Contract No. IDM E 743

Operator's Name Boss Mines, Inc. Minerals Lead - Zinc

Address 545 N. Rodney, Helena, 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	ft.	none	none	7800.00	260	30.00	760	30.00
Crosscutting	ft.	660.00	22	11970.00	399	30.00		30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails		12.50	4	165.00				
Assaying	1	~~16.50~~	~~6~~	~~169.50~~	50	3.50	100	3.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		~~676.50~~ 678.00	6	~~19859.50~~ 19935.00				24146.00

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.

REMARKS:

Date 9-12-55 Operator Boss Mines, Inc.

Per C. H. Alcorn Title President

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)

Is, John A Bowshu

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.

GPO 872894

RECEIVED
SEP 26 1955

September 12, 1955

D. M. E. A.
U. S. Bureau of Mines
Administration Building
c/o Montana School of Mines
Butte, Montana

Re: Boss Mines, Inc.
Docket DMEA-3548
Contract IDM E-748

Gentlemen:

Through the month of August, 1955, we have completed only 22 feet of crosscutting on our main crosscut. This work was ordered stopped on August 18th, so we went to work on our winze, as no crosscutting or drifting was authorized.

We would like to continue the crosscut at least 100 feet, but will not do so until the situation has been clarified. Under the Amendment #1 to our contract, we are granted an additional 110 feet of drifting or crosscutting.

I do not know whether we are entitled to DMEA participation on the costs of assays on the winze work as this work is not authorized or participated in by DMEA. You may delete this item if we are not entitled to it.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt, Pres.

CLH/ij

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

RECEIVED SEP 26 1955

Date AUG 20 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Box 904 City

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6048	49" VEIN EASTSIDE	Trace	4.0	0.8	OF DIKE		H.G. EXCLUDED			
6049	48" CRUSHED DIKE	Trace	2.7	0.6	ROCK E OF 6048					
6050	OXIDIZED VEIN MATTER	Trace	0.9	1.0	S. SIDE X CUT AT 6048-30"					
6051	H.G. SULPHIDE-4" IN	0.005	50.2	9.4	SAMPLE 6048					

Gold not deducted:.....

Charges $ 17.00

GOODALL BROS.

By A. V. Trent

NPCo. C-3217

DMEA Field Team, Region I, NW District September 21, 1955

DMEA Certifying Officer

Boss Mines, Inc. Contract Idm-6743, Monthly operating report for August 1955

RECEIVED
SEP 26 1955

The subject report has been processed for payment.

A disallowance of $4.50 has been made from the costs claimed for assays. The two invoices from Goodall Brothers, samples No. 6052 and No. 6053, covered samples taken from the winze and therefore are not covered by the contract.

Myrtle Purdy

cc: Operator
DMEA (2)
USGS (2)
Wash. ~~1~~ 2
Engr.
AD

RECEIVED

SEP 26 1955

XXXXXXXXXXXXXXXXXX
1201 N. Division Street
Spokane 2, Washington
September 21, 1955

Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

Re: Contract Idm-E743
Boss Mines, Inc.
Monthly Operating report
for August 1955

Gentlemen:

The subject operating report has been processed and forwarded to the Disbursing Officer at Portland, Oregon, for payment.

This is to inform you that payment could not be made in the full amount claimed. The deletion is explained in the attached copy of a letter from the DMEA Certifying Officer to the Field Team.

By Field Team, Region I
Northwest District

Verne C. Fryklund, Jr.
Acting Executive Officer
U. S. Geological Survey

cc: DMEA (2)
USGS (2)

Stephen W. Zoldok, Acting Member
U. S. Bureau of Mines

RECEIVED
SEP 26 1955

DMEA Field Team, Region I, NW District

September 21, 1955

DMEA Certifying Officer

Boss Mines, Inc. Contract Idm-8743, Monthly operating report for August 1955

The subject report has been processed for payment.

A disallowance of $4.50 has been made from the costs claimed for assays. The two invoices from Goodall Brothers, samples No. 6052 and No. 6053, covered samples taken from the winze and therefore are not covered by the contract.

Myrtle Purdy

cc: Operator
DMEA (2)
USGS (2)

Form MF 104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

W

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
AUG 23 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1955 Docket No. DMEA 3548 Contract No. IMI I 743
Operator's Name Ross Mines, Inc. Minerals Lead - zinc
Address 345 N. Rodney, Helena, Montana
Contract Amount, $ 24,146 Government Participation: 50 % Amount, $ 12,073

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	none	11,310	11,310		11310.00	11310.00
Drifting	1350	6,450	7,800	1350.00	6450.00	7800.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	27	126	153.00	27.00	126.00	153.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1377.00	17,886.00	19,263.00	1377.00	17886.00	19263.00

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

Date 8-13-55 *Payee Ross Mines, Inc.

Per [signature] Title 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:

$ 688.50

Signature M&P
(Authorized Certifying Officer)

Date 8-17-55 Vou. No. 1579
(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. E 743 in accordance with the terms of the contract.

Signature /S/ Eldon C. Pattee Title Mining Engr. Date 8-15-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen N. Zoldok Title Mining Engr. Date 8-17-55

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.

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
AUG 26 1955

Month of July 1955 Docket No. DMEA 2640 Contract No. IM-B-743
Operator's Name Bear Mines, Inc. Minerals lead - zinc
Address 848 N. Rodney, Helena, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	1350	45	7800	260	30.00	~~253~~ 760	30.00
Crosscutting	ft.	none	none	11310	377	30.00	~~255~~	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	27.00	0	153	44	3.40	100	3.60
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1377.00		[illegible]				

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 8-13-55 Operator Bear Mines, Inc.

Per [signature] Title 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)

/s/ Eldon C Patten

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.

GPO 872894

August 17, 1955

D. M. E. A.
U. S. Bureau of Mines
Administration Building
Montana School of Mines
Butte, Montana

Re: Boss Mines, Inc.
Docket DMEA 3548
Contract #ILM E 743

Gentlemen:

During the month of July, 1955, we drifted 45 feet south on our 102 drift. The values became lower as we advanced and the face at present is very lean, so this work was abandoned.

We put in two rounds in a raise from our 101 north drift which still has good ore in the back.

A winze was also started and shows high grade ore at 9 feet below track level. Winze is started approximately 25 feet north of the crosscut. The raise and shaft work are "on our own."

I will have a tracing and prints finished soon, so on all future reports, a sketch will be included showing the work for the month.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt, Pres.

ij

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

RECEIVED
AUG 26 1955

TEL. 628
P. O. BOX 537

Date JUL 21 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc.

MARKS: Box 904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6062	ORE SORTED FOR SHIPPING	Trace	116.6	5.8						
6063	SECOND CLASS	Trace	74.8	2.4						
6064	102 VEINING X CUT	0.005	11.8							
	11' WIDE -									
	SEE LEAD ASSAY									
	ON #6064 B									

Gold not deducted:.....

Charges $ 7.50

GOODALL BROS.

By A. V. Trent

NPCo. C-3217

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

RECEIVED
AUG 23 1955

TEL. 628
P. O. BOX 537

Date JUL 22 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. MARKS: Box 904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6064	8" LEAD ON 6064			55.6						

Gold not deducted:.....

Charges $ 1.50

GOODALL BROS.

By A. V. Trent

NPCo. C-3217

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

RECEIVED
AUG 2 3

Date JUL 11 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Box 904 MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6055	10 Drift - Face 65'	Trace	0.7	0.6		2.5				
6056	" " " - " 70'	Trace	1.1	0.8		2.4				
6057	" " " - " 75'	Trace	1.0	0.4		1.1				
6058	" " " " 80'	Trace	0.8	0.4		0.5				

Gold not deducted:.....

Charges $ 18.00

GOODALL BROS.

By A. V. Trent

NPCo. C-3217

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

W

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
JUL 25 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1955 Docket No. DMEA 3548 Contract No. IDM E 743
Operator's Name Bone Miner, Inc. Minerals Lead - Zinc
Address 545 N. Rodney, Helena, Montana
Contract Amount, $ 24,146 Government Participation: 50% Amount, $ 12,073

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	none	11310.00	11310.00		11310.00	11310.00
Drifting	2520.00	3930.00	6450.00	2520.00	3930.00	6450.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	52.50	82.50	135.00	43.50	82.50	126.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2572.50	15322.50	17895.00	2563.50	15322.50	17886.00

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

Date 7-6-55 *Payee Bone Miner, Inc.

Per C. Hewitt Title 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:

$1281.25

Signature MDP
(Authorized Certifying Officer)

Date 7-20-55 Vou. No. 1566
(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. E743 in accordance with the terms of the contract.

Signature 1st Eldon C. Pattee Title Mining Engr Date 7-13-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1st Stephen W. Zoldok Title Mining Engr Date 7-18-55

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.

Form MF-104A
(April 1952)

RECEIVED
BUREAU OF MINES
JUL 1 1955
SPOKANE, WASH.

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 25 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 195 5 Docket No. DMEA _____ Contract No. IDM D 743
Operator's Name Boss Mines, Inc. Minerals Lead - Zinc
Address 545 N. Rodney, Helena, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft	2520.00	84	6450.00	215	30.00	250	@ 30.00
Crosscutting	ft.	none	none	11310.00	377	30.00	400	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails		48.50		186.00				
Assaying	1	~~52.50~~	12	~~135.00~~	36	3.75	100	3.50
TOTAL DISTRIBUTED COSTS		2568.50 ~~2572.50~~	XX	17895.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		~~2572.50~~ 2568.50		~~17895.00~~ 17886.00				24146.00

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 7-6-55 Operator Boss Mines, Inc.

Per C. P. Merritt Title 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)

151 Eldon C. Patten

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.

GPO 872894

RECEIVED
JUL 25 1955

July 7, 1955

D. M. E. A.
U. S. Bureau of Mines
c/o Montana School of Mines
Administration Building
Butte, Montana

Re: Boss Mines, Inc.
Docket DMEA 3548
Contract ID. E 743

Gentlemen:

In the month of June, 1955, we drifted 35 feet on the 10? S vein which lies along the dike near the face of the crosscut. The values were low and the vein showed splitting and faulting at 35 feet from the crosscut so this drift was abandoned.

We then started to drift on the 10? vein which is 245 feet from our starting point, and advanced 49 feet in June. There is a streak of good ore on the hanging wall side of drift which runs from three to eight inches wide. The strike is ? 10 E and dip 64 to 68 W.

We propose to continue this drift for the present.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt, Pres.

ij

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

RECEIVED
JUL 25 1955

Date JUN 11 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Butte City MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6044	25' FROM X CUT IN	Trace	0.9	0.8		4.0				
	103-S. DRIFT									
	(ON DIKE)									

Gold not deducted:.....

Charges $ 4.00

GOODALL BROS.

By A. T. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date JUN 17 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc.

MARKS: Box 904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6045	FACE - 103 DRIFT	Trace	0.7	0.8		3.2				
	35' FROM X CUT									

Gold not deducted: .....

Charges $ 4.50

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date JUN 24 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc.

MARKS: Box 904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
	55"-H.G. ON HNG. WALL									
6046	102-S. DRIFT AT 15'	Trace	7.2	20.2		31.0				
6047	ALL OF FACE-102	Trace	2.7	4.6		4.9				
	S. DRIFT AT 15'									

Gold not deducted:.....

Charges $ 9.00

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date JUL 1 - 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc.

MARKS: Box 904

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6048	102-S. DRIFT FACE 22 FT	Trace	4.0	3.2		4.5				
6049	" " " " 26 "	Trace	1.9	1.8		4.2				
6050	" " " " 30 "	Trace	0.9	0.8		1.8				
6051	" " " " 34 "	0.005	1.4	1.2		3.4				
6052	" " " " 39 "	Trace	0.9	0.8		3.0				
6053	" " " " 44 "	Trace	0.8	0.6		0.9				
6054	1" STREAK AT 40'- GOING IN FOOT WALL	0.01	1.2	1.0						

Gold not deducted:

Charges $ 30¢

GOODALL BROS.

By A. V. Trent

NPCo. C-3217

DMEA Field Team, Region 1, NW District July 23, 1955

DMEA Certifying Officer, Region 1

Contract Idm-2743, Boss Mines, Inc. Monthly operating report for June 1955.

The subject operating report has been received and processed for payment.

The operator has claimed assays at their actual cost instead of at the maximum of $3.50 per assay allowed by the contract. Therefore, a deletion of $9.00 has been made to bring the assay cost to date to $126.00, which is the amount provided by the contract for the 36 assays claimed.

Myrtle Purdy

cc: Wash. (2) ✓

(5)

RECEIVED
JUL 25 1955

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

Budget Bureau No. 42-R1036.5

RECEIVED
JUN 20 1955

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

Month of May, 1955 Docket No. DMEA 3548 Contract No. IDM E 74/3
Operator's Name Boss Mines, Inc. Minerals lead - zinc
Address 545 North Rodney, Helena, Montana
Contract Amount, $ 24,146 Government Participation: 50 % Amount, $ 12,073

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 / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	570.00	10,767.00	11,337.00	570.00	10,740.00	11,310.00
Drifting	1500.00	2,430.00	3,930.00	1500.00	2430.00	3930.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	40.50	42.00	82.50	40.50	42.00	82.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2110.50	13,239.00	15,349.50	2110.50	13212.00	15322.50

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

Date June 6, 1955 *Payee Boss Mines, Inc.

Per [signature] Title 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:

$ 1055 25

Signature [signature]
(Authorized Certifying Officer)

Date 6-15-55 Vou. No. 1523
(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. E743 in accordance with the terms of the contract.

Signature 151 G. A. Agell Title Mining Engr Date 6-8-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 151 Stephen W. Goldoft Title Mining Engr Date 6-10-55

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.

Form ME-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 20 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1955 Docket No. DMEA 3548 Contract No. IDM E 743
Operator's Name Boss Mines, Inc. Minerals lead - zinc
Address 545 North Rodney, Helena, Montana

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.	1500	50	3930	~~101~~ 131	30.00	250	30.00
Crosscutting	ft.	570	19	~~11327~~ 11310.00	377	30.00	400	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	40.50	11	82.50	24	~~3.68~~ 3.44	100	3.50
Total Distributed Costs		2110.50		~~15349.50~~ 15322.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
				15322.50				
Total Costs		2110.50		~~15349.50~~				24,146

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 June 6, 1955 Operator Boss Mines, Inc.

Per [signature] Title President

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.

Remarks:

(Instructions on reverse)

(For Government use only)

G. a. Bell

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.

GPO 872894

RECEIVED
JUN 20 1955

Helena, Montana
June 6, 1955

D. M. E. A.
1201 N. Division St.
Spokane, Washington

Re: Boss Mines, Inc.
545 North Rodney
Helena, Montana
Docket DMEA 3548
Contract IDM E 743

Gentlemen:

In the month of May, we have taken credit for the five feet that was run in the crosscut the last day of April.

The 101 north drift was extended to 101 feet to the north, where it became lean and very little mineral showing. The vein structure is still true and strong and shows bands of barite indicating there may be a good chance for ore ahead. We also put in a crosscut to the west, 15 feet to explore the stringers that had taken off from the vein.

We shot out approximately 15 feet on the south side of the crosscut where the vein crosses to the south but as it did not show strong at that point, we went no farther.

We now propose to drift south on the vein which is on contact of dike at approximately 380 feet from starting point.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt, President

CLH/lj

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

RECEIVED
JUN 20 1955

TEL. 628
P. O. BOX 537

Date MAY 14 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Bra[illegible] Mines Inc. | Bagpoc | MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6037	SPECIMEN TAKEN	Trace	76.4	3.2		1.2				
	SPLIT FROM SPE.									
	LEFT AT MINE									
	TO COMPARE ORE									
	BEING SORTED									
	FROM CARS									
	FOR SHIPPING.									

Corrected assay

Gold not deducted:.....

Charges $ 4.00

GOODALL BROS.

By C. J. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date MAY 9 - 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Bear Mines Inc. Butte Butte

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6038	ZN ON "A 6038"					1.2				

Gold not deducted:.....

Charges $ NS

GOODALL BROS.

By C. A. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date MAY 7 - 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Box 904 City

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6038	FACE DRIFT - 101 AT	Trace	4.4	1.0						
	91 FT FROM X CUT									
	5½ FT. WIDE									
	(SEE "B-6038")									
	FOR ZN. ON									
	THIS SAMPLE.									

Gold not deducted:.....

Charges $ 3.00

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date MAY 19 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. B-2904

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6043	20" ON VEIN - HANGING WALL SIDE AT 71'- N. 101-DR.	Trace	21.8	1.6		1.9				

Gold not deducted:.....

Charges $ 4.50

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date MAY 23 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Boulder City

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6039	101 DRIFT AT 71'-5½' W	Trace	9.6	1.6		2.4				
6040	101 DRIFT AT 84'-5½' WIDE	Trace	1.6	0.4		1.4				
6041	101-DRIFT AT 88'- 5½ W.	0.005	0.8	0.8		0.5				

Gold not deducted:.....

Charges $ 1.35

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date MAY 11 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Bess Mines Inc. Box 904 City

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6043	HEAVY PINK SPAR	Trace	0.5							
	HING WALL SIDE									
	101 N. DRIFT AT									
	81 FT.									
	FINELY DISEMINATED									
	PYRITE ALL THRU.									

Gold not deducted:.....

Charges $ 1.50

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date ~~APR~~ MAY 2 - 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Bros Mines Inc.

MARKS: Box 904 Helena, Montana

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
1	12" VEIN AT 385'-X Cut	Trace	3.2	0.4		1.1				
2	28" " AT 400 X "	Trace	0.7	0.2		0.1				
3	CAR 6 RAB MUCK	Trace	0.7	0.3						
	FROM 385 to 400 FT									
	IN X CUT.									

Gold not deducted:.....

Charges $ 12.00

GOODALL BROS.

By A. Trent

NPCo. C-2419

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1955 Docket No. DMEA 3548 Contract No. DM E 743
Operator's Name Boss Mines, Inc. Minerals Lead Zinc
Address 545 N. Rodney, Helena, Montana
Contract Amount, $ Government Participation: % Amount, $

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting		10767.00	10767.00			
Drifting	2430.00		2430.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	15.00	27.00	42.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2445.00	10767.00	13239.00	2445.00	10767.00	13212.00

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

Date May 1, 1955 *Payee Boss Mines, Inc.

Per [signature] Title 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:

$ 1222 50

Signature [signature]
(Authorized Certifying Officer)

Date 5-10-55 Vou. No. 1505

(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. Ea 743 in accordance with the terms of the contract.

Signature 1st Gideon A Adell Title Mining Engr Date May 6-1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1st Stephen W Zoldok Title Mining Engr Date 5-9-55

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.

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 195 5 Docket No. DMEA 3548 Contract No. IDM E 743

Operator's Name Boss Mines, Inc. Minerals Lead Zinc

Address 545 N. Rodney, Helena, 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	ft.	2430	81	2430.00	81			
Crosscutting	ft.	0	0	10767.00	358	30.00	650	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	15	4	42.00	13	3.23	100	3.50
TOTAL DISTRIBUTED COSTS		2445.00						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2445.00		~~13239.00~~ 13212.00				24,146.00

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 May 1, 1955 Operator Boss Mines, Inc.

Per [signature] Title President

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.

REMARKS:

(Instructions on reverse)

(For Government use only)

/S/ G. A. Agell

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.

GPO 872894

May 1, 1955

D. M. E. A.
1201 N. Division St.
Spokane, Washington

Boss Mines, Inc.
543 N. Rodney St.
Helena, Montana
Docket DMEA 3548
Contract # IDM E 743

Gentlemen:

In the month of April, we continued the crosscut one round, approximately 5 feet. This was in excess of the footage authorized for crosscutting so is not included in report. This last round cut into a strong dike cutting across our course in a northeast direction, dipping westerly. The local miners who worked in the Rochester tunnel and also in the Hartley mine, say that the rock formation is always badly broken on the hanging wall side of this dike but that the formation on the foot wall side, or east, is not disturbed.

We have driven north on the vein structure which we call 101 and is about 125 feet from point where our cross cut was started. We have gone ahead 81 feet and also run several holes in the wall of the drift. The vein is shattered and irregular but seems to be in better ground now. It is about 3 feet in width with more zinc showing than there was near the main crosscut. However, the lead is showing fairly good.

We will do more sampling and assaying when it becomes regular. We propose to continue this work 50 feet and then decide whether it is worth while to go farther.

Yours very truly,
BOSS MINES, INC.

C. L. Hewitt, Pres.

CLH/ij

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
MAY 13 1955

Date APR 11 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. Box 904 City

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6034	101 VEIN IN DRIFT	0.01	57.8	13.8	SECOND ROUND (10 FT)				FROM	SWITCH.
6035	" " " "	0.005	101.6	23.0	"	"		"	"	"
					12" ON E. SIDE			DRIFT		

Gold not deducted:.....

Charges $ 6.00

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date APR 16 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boss Mines Inc. MARKS: Borgon City

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6036	101" VEIN ON	Trace	34.2	3.2						
	SOUTH SIDE									
	X CUT.									
	36" WIDE									

Gold not deducted:.....

Charges $ 3.00

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date APR 23 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Boro Mines Inc. Call Bridgport City

MARKS:

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6037	GRAB SAMPLE FROM	0.02	115.2	8.6	0.1	8.5				
	12 TON ORE PILE									
	TAKEN FROM 101									
	DRIFT IN MAKING									
	TURN TO START									
	DRIFT.									

Gold not deducted:.....

Charges $ 6.00

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1955 Docket No. DMEA Contract No. IDM E 743
Operator's Name Boss Mines, Inc. Minerals Lead - Zinc
Address 545 North Rodney, Helena, Montana
Contract Amount, $ 24,146.00 Government Participation: 50 % Amount, $ 12,073.00

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	3450.00	7290.00	10,740.00	3450.00	7290.00	10740.00
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		27.00	27.00		27.00	27.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3450.00	7317.00	10,767.00	3450.00	7317.00	10767.00

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

Date April 5, 1955 Payee Boss Mines, Inc.

Per [signature] Title 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:

$ 1725.00

Signature [signature]
(Authorized Certifying Officer)

Date 4-8-55 Vou. No. 1474

(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. E 743 in accordance with the terms of the contract.

Signature 151 John D. Bardill Title Metallurgist Date 4-7-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 151 Stephen W. Zoldak Title Mining Eng. Date 4-7-55

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1955 Docket No. DMEA _____ Contract No. IDM E 743

Operator's Name Boss Mines, Inc. Minerals Lead - Zinc

Address 545 North Rodney, Helena, 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	Ft.	3450	115	10,740	358	30.00	650	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	none	none	27	9	3.50	100	3.50
TOTAL DISTRIBUTED COSTS		3450.00		10,767.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3450.00		10,767.00				24146.00

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 April 5, 1955 Operator Boss Mines, Inc.

Per [signature] Title 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)

/s/ John D Bardill

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.

GPO 872894

April 5, 1955

D. M. E. A.
1201 North Division St.
Spokane, Washington

Boss Mines, Inc.
545 North Rodney St.,
Helena, Montana
Docket DMEA 3548
Contract #IDM E 743

Gentlemen:

Through the month of March we have extended the crosscut a distance of 115 feet, reaching a point 400 feet from our starting point.

There have been several small stringers cut, but nothing of any importance. Several small faults have shown up and the formation is quite badly broken up with the exception of the last 25 feet which is hard and solid again.

There is no indication of the large vein for which we are driving although, we are 90 feet ahead of where it should have been entered.

Mr. Quinlan planned on coming over for inspection and to map the geology this week but road conditions due to heavy snow and blizzard conditions have made it impossible to get to the mine, even to Neihart. We expect to have this condition cleared up soon now and I will advise him by phone when he can get in, as we are very anxious to have his opinion on the proper move to make now.

Yours very truly,

C. L. Hewitt, Pres.
BOSS MINES, INC.

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

Budget Bureau No. 42-R1036.5

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

Month of February, 1955 Docket No. DMEA Contract No. IDM E 743
Operator's Name Boss Mines, Inc. Minerals Lead - Zinc
Address 545 N. Rodney St., Helena, Montana
Contract Amount, $ 24,146.00 Government Participation: 50 % Amount, $ 12,073.00

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	2550.00	4740	7290	2550.00	4740.00	7290.00
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	10.50	16.50	27.00	10.50	16.50	27.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2560.50	4756.50	7317.00	2560.50	4756.50	7317.00

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

Date Mar 2, 1955 *Payee Boss Mines, Inc.

Per [signature] Title 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:

$ 1280 25

Signature [signature]
(Authorized Certifying Officer)

Date 3-17-55 Vou. No. 1458
(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. E743 in accordance with the terms of the contract.

Signature /s/ John D Barkell Title Metallurgist Date 3-16-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen M Zoldok Title Mining Engr Date 3-16-55

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1955 Docket No. DMEA 3548 Contract No. IDM E 743

Operator's Name Boss Mines, Inc. Minerals Lead - Zinc

Address 545 N. Rodney St., Helena, 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	ft	2550	85	7290.00	243		650	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	10.50	4	27.00	9	3.00	100	3.50
TOTAL DISTRIBUTED COSTS		2560.50		7317.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2560.50		7317.00				

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 Mar. 2, 1955 Operator Boss Mines, Inc.

Per [signature] Title President

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.

REMARKS:

(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.

GPO 872894

March 5,1955.

D.M.E.A.
1201 North Division St.
Spokane, Wash.

Boss Mines Inc. 545 N. Rodney St. Helena Mont.
Docket DMEA 3548 Contract No. Idm. E 743
Lead- Zinc.

Gentlemen;-

Thru the month of Feb.,we drove ahead on the Xcut,advancing a distance of 85 ft.
The formation has been a hard Gniess with intermittent sections of softer blocky rock,but none of it requiring timbering,so far.

At a point 256 ft from our starting point, we cut thru a small vein of high grade galena,which is aprox 3 " wide on the N side of Xcut and 10" on the S side. It is cutting across at N 20 E. and dipping 82' to the W.
About 11 ft beyond this vein,another fissure,which seems to be more of a water course,with aprox the same dip and strike shows galena,but assays very low,see assay sheet.
The material between these small veins is slightly mineralized but also shows little in the assay of sample.
Beyond this section,the rock is hard and tight but has water spouting from small seams under considerable pressure.

We should cut into the large vein very soon now. ✓

Yours very truly,

CL Hewitt

CL Hewitt, Pres.
Boss Mines Inc.

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

MAR 21 1955

Date FEB 28 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: Bros Miner Inc. Oall

MARKS: Bregoli - Cit

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6030	12' VEIN - 267 FT. FROM START POINT	Trace	4.0	1.4	STRIKE N.20 W.			DIP -	W 82°	
6031	8 " 256 " " " "	0.01	33.6	21.0	"		"	"	"	
6032	10 FT. FILLING BETWEEN 6030 6031	Trace	0.6	0.2						
6033	BRONZ COLORED PYRITES	Trace	2.8	IN SAMPLE 6030 - SAID BY ~~AA~~ LOCAL MINER TO CARRY HIGH SILVER VAL.						

Gold not deducted:.....

Charges $ 10.00

GOODALL BROS.

By A. V. Trent

NPCo. C-2419

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Bureau of Mines Mineral Administration

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1955 Docket No. DMEA 3548 Contract No. IdmE-743

Operator's Name Boss Mines, Inc. Minerals Lead-Zinc

Address 545 N. Rodney St., Helena, Montana

Contract Amount, $ 24146.00 Government Participation: 50 % Amount, $ 12073.00

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	2730	2010.00	4740	2730.00	2010.00	4740.00
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	3.00	13.50	16.50	3.00	13.50	16.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2733	2023.50	4756.50	2733.00	2023.50	4756.50

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

Date February 2, 1955 Payee Boss Mines, Inc.

Per [signature] Title 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:

$ 1366.50

Signature [signature] (Authorized Certifying Officer)

Date 2/10/55 Vou. No. 1432

(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. E-743 in accordance with the terms of the contract.

Signature /S/ John D Bardell Title Metallurgist Date 2/4/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Eng Date 2/4/55

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPT. OF THE INTERIOR
Records Administration
RECEIVED
FEB 14 1955

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

Month of January 1955 Docket No. DMEA 3548 Contract No. Idm-E 743
Operator's Name Boss Mines, Inc. Minerals Lead-Zinc
Address 545 N. Rodney St., Helena, 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	Ft.	2730	91	4740	158		650	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	3.00	1	16.50	5	3.30	100	3.50
TOTAL DISTRIBUTED COSTS		2733.00		4756.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2733		4756.50				

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 Feb. 2, 1955 Operator Boss Mines, Inc.

Per [signature] Title 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.

GPO 872894

BOSS MINES, INC.

P. O. Box 904
HELENA, MONTANA

MINES:
NEIHART, MONTANA

PHONE 2278

RECEIVED
BUREAU OF MINES
FEB 1 - 1955
DEPARTMENT OF THE INTERIOR
Lands & Minerals Administration
RECEIVED
FEB 14 1955

Feb. 2,1955.

Boss Mines Inc. 545 N. Rodney St, Helena,Mont.
Docket DMEA 3548 Contract No. Idm. E 743.
Lead, Zinc.

DMEA
1201 N. Division St.
Spokane 2, Wash.

Gentlemen;-

During the month of January,1955, we have advanced the Xcut into the Boss claim,a distance of 200 feet from starting point. This makes an advance of 91 ft for the month of January. The Gneiss formation is extremely hard,making the drilling somewhat slowe than average,but the greatest difficulty we are having is in breaking the rock. With 32 holes of five feet length,we can only pull 4 ft as an average. We are trying different patterns and getting a little improvement as we go along.
For the past 20 feet we have had a heavy flow of water from small seams and also from an eighteen inch fault which we have crossed. This fault was just shown up when Mr. Quinlan was there. There is no mineralization in the rock now but I estimate that we are near the 40 inch vein that shows on the surface. This will be the section of that vein from which the section we had in the drift was offset and turned.

We are taking a turn to the right,southerly,as recommended by Mr. Quinlan,and which is surely the logical thing to do now,that we have exposed the faulted section of that vein.
If Mr. Quinlan makes a map or report, I would greatly appreciate having a copy of both.
Everything is working nicely as we have ample compressed air now that we have electric power.
We also have a new drill and working the two machines in the heading now,thereby getting in more holes in less time.

Yours very truly

C.L.Hewitt, Pres.
Boss Mines Inc.

Bureau of Mines Information
Butte Mineral Station
RECEIVED
FEB 14 1955

H. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date JAN 15 1955

UMPIRE ASSAY ..... CONTROL ASSAY ..... HAND SAMPLE .....

ASSAYED FOR: Bros Mine Inc. MARKS: Lot 904 Cut

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
6029	3" STREAK OF ORE TURNING WITH FAULT WHERE VEIN LAST SHOWS IN DRIFT.	0.01	30.8	24.2						
	"B" VEIN									

Gold not deducted: .....

Charges $ 3.00

GOODALL BROS.

By M. V. Trent

NPCo. C-2419

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Dec, 1954 Docket No. DMEA 3548 Contract No. Idm E55743
Operator's Name Boss Mines Inc. Minerals Lead-Zinc
Address 545 N. Rodney St. Helena, Montana.
Contract Amount, $ 24146.00 Government Participation: 50 % Amount, $12073.00

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 Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	2010.00	- 0 -	2010.00	2010.00	- 0 -	2010.00
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	13.50	- 0 -	13.50	13.50	- 0 -	13.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2023.50	- 0 -	2023.50	2023.50	- 0 -	2023.50

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

Date Jan 21, 1955 *Payee Boss Mines Inc.

Per C. L. Hewitt Title Pres.

*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:

$1011.75

Signature M. O. P.
(Authorized Certifying Officer)

Date 1-28-55 Vou. No. 1423
(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. E 743 in accordance with the terms of the contract.

Signature (S) John D. Bardill Title Metallurgist Date 1/25/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W. Zoldok Title Mining Eng. Date 1/26/55

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

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

Month of Dec 1954 Docket No. DMEA 3548 Contract No. Idm-E 743
Operator's Name Boss Mines Inc. Minerals Lead- Zinc
Address 545 N. Rodney St. Helena, 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	Ft.	2010.00	67	2010.00	67		650	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assays	1	13.50	4	13.50	4	3.375	100	3.50
TOTAL DISTRIBUTED COSTS		2033.50						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2033.50						

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 Jan. 21, 1955 Operator Boss Mines Inc.

Per C. H. Hewitt Title Pres.

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.

GPO 872894

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

Boss Mines Inc. 545 N. Rodney St. Helena Montana.

Docket DMEA 3548 Contract No Idm-E 743

Lead-Zinc.

Gentlemen;-

Commencing with the Dec 7th 1954 point which is 42 ft ahead of our original starting point in the Rochester Adit, the Gneiss is of medium hardness, stands well and has considerable water in the seams. Several small seams of Galena were cut, varying in thickness from one inch to four inches dipping about 10' from vertical to the west. The Gneiss is mixed with Spar which is in close contact with the Galena streaks.

At a point aprox 85 ft from starting point, a strong vein was cut which strikes S 53 E being only 20' off the course of our Xcut. This vein shows in the Xcut for aprox 25 ft and is from 2 ft to 4 ft in thickness dipping to the south about 35'. The dip can not be determined until some work is done on the vein. The average value of the vein filling is about 40 oz Ag and 12% Pb. A small fault seems to cut the vein off at 110 ft from our starting point. The rock turned much harder after the vein was cut off.
The Xcut is now in extremely hard Gneiss which is not only hard to drill but very hard to break. We are only getting about three and one half feet to a five foot hole round using 32 holes.
We have some 60% powder comming which we hope will help the breaking.

We hope to see Mr Quinlan over here soon and get his ideas as to the geology as exposed in the Xcut.

Yours very truly,

C.L. Hewitt.

Jan 14. 1955

RECEIVED
JAN 17 1955
U. S. G. S.
SPOKANE, WASH.

FILE COPY O. M. E		
RECEIVED SEP 19 1963		
DATE	INITIALS	CODE
		800

So. 157 Howard Street
Spokane, Washington 99204
September 17, 1963

Mr. Peter Antonioli, Jr.
1001 West Gold Street
Butte, Montana

Re: DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss and Atlantus Claims
Cascade County, Montana
Amended Contract Idm-E743

Dear Mr. Antonioli:

This is in reply to your letter of September 15, 1963, in which you request information concerning work performed at the Boss mine, Cascade County, Montana.

The following information about individual DMEA projects is available to the public:

Name of Operator

Location - state and county

Mineral commodity

Total estimated cost

Amount of Government participation

Other information concerning a project is considered confidential and is only for the use of the Government. Therefore, I regret that I cannot provide you with the information you request. I suggest that you write to Mr. Hewitt, whose address you have.

Should you be in Spokane and care to call at this office, I would be glad to discuss the geology of the area with you.

Sincerely yours,

D. R. Maclaren
Acting Field Officer, OME
Region I

DRMaclaren:mls
cc: OME(2) w/cys incoming
Reading copies to:
Nolan; Killegaard

Butte Montana,

September, 15, 19[illegible].

Gentlemen:

I recently acquired the ownership of a large group of mining claims in the Neihart, Montana area. They were formerly owned by the Broadwater Consolidated Mines. The Claims are mostly in Sections 28, & 29, T14N., R8E.

I was informed that at one time a D.M.E.A. loan had been made to a company operating under the name of " Boss Mines Inc," & of C.L.Hewitt, [illegible], Helena, Montana. At the time the loan was granted this was my belief some of these claims that I now own under lease.

From my investigation of my property I located the main adit and it is on either the ROCHESTER LODE #3087, or the UNITY LODE #3253. The adit is completely inassesible and I would like to have a copy of the workings that you might have made for the loan. I intend to open this adit up to do some drilling on other ground that I own in this area and any information in connection with this Boss Mines Inc that you might have on my property would be greatly appreciated.

Yours very truly,

Peter Antonioli, Jr,
1[illegible] West Gold St,
Butte Montana.

FEB 2 1960

Mr. C. L. Hewitt, President
Mont Mines, Inc.
145 South Ewing Street
Helena, Montana

Re: Contract No. [illegible]-3065 (Lease-Lease)
Mont Mines, Inc.
Deer and Adjacent Claims
Granite County, Montana
Contract No. 14-[illegible]

Dear Mr. Hewitt:

By letter of September 12, 1956, transmitting a certification of discovery or development, you were advised that production from the lands described in Article 1 of the contract, from December 7, 1954 (the date of the prior contract), is subject to the Government's percentage royalty as set forth in the contract until the sum of $40,771.73 is paid, or until December 7, 1964, whichever occurs first.

We wish to call your attention to the fact that under the terms of the amended contract, executed September 12, 1956, the Government's contribution under both the prior and amended contracts, totalling $87,659.73, is repayable for a period of 12 years from the date of the prior contract, or until December 7, 1965.

Sincerely yours,

Frank E. Johnson

Acting Director

cc to: Mr. L. E. Lundstrom, Executive,
Butte Consolidated Mines
Richter Building
Butte, Montana

Mr. John E. Dawson, President
Butte-Consolidated Silver Mining Co.
Great Falls, Montana

WHGriswold/gla 1-27-60
cc to: Director's Reading File
Operating Committee
Frank E. Lamb, WMSM
Harold Hickman, WMSM
Contract Adm. & Audit Div.
Frank E. Johnson
GPO FS, Reg. 1 (2)
Code 300
Bushed
Green

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

CERTIFICATION BY THE UNITED STATES OF AMERICA OF A DISCOVERY OR DEVELOPMENT UNDER AN EXPLORATION PROJECT CONTRACT

To: Mr. C. L. Hewitt, President
Base Mines, Inc.
545 North Rodney Street
Helena, Montana

Pursuant to the provisions of Exploration Project Contract No. Idn-[illegible], dated December 7, 1954, Docket No. DMEA-[illegible], hereinafter called the "contract", between the Base Mines, Inc., a corporation, and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows: Drifting on the 101 vein on the Rochester Adit level has proved the existence of lead-zinc-silver ores occurring within a vein in gneiss.

Dated September 12, 1956

THE UNITED STATES OF AMERICA

By Frank E. Johnson
ACTING Administrator, Defense Minerals Exploration Administration

WRGriswold/er 9/4/56
Copy to:
Docket
Mr. C.A. Fredell, Dr., MD, EPS
Mr. F. Lamb, USBM
Mr. T. Kiilsgaard, USGS
Admr R File
Oper. Committee
Cont. Admr & Audit Div
Finance Office
Base Metals
Region I(2), NW Dist.
F. E. Johnson
W. R. Griswold
Chron.

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

SEP 12 1956

Mr. C. L. Hewitt, President
Boss Mines, Inc.
545 North Rodney Street
Helena, Montana

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss and Atlantic Claims
Cascade County, Montana
Contract No. Idm-8743

Dear Mr. Hewitt:

Transmitted herewith is a certification of discovery or development related to the Exploration Project Contract No. Idm-8743, dated December 7, 1954.

By the terms of the Exploration Project Contract and of the Certification, all production from the land described in the contract from December 7, 1954, the date of the contract, is subject to the Government's percentage royalty as set forth in the said contract until the sum of $10,771.75 which the Government has advanced as its participating interest is repaid, or until December 7, 1964, whichever occurs first.

You should continue to make payments to Mr. A. L. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District, as in the past.

You are requested to notify Mr. Weissenborn of any changes in ownership and production rights that might affect the Government's right to its percentage royalty. Also, if production ceases at any time for an extended period please notify Mr. Weissenborn at six-month intervals that such is the case.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosure

WRGriswold/er 9/4/56
Copy to: Docket
Mr. C.A. Fredell, DR.MD, EI
Mr. F. Lamb, USBM
Mr. Kiilsgaard, USGS
Admr R File
Op. Committee
Cont.Adm & Audit Div.
Finance Office
Base Metals
Region I, NW Dist. (2)
Mr. F. Johnson
Mr. W.R. Griswold
Chron.

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

SEP 17

Mr. Clarence A. Fredell, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
Washington 25, D. C.

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss and Atlantus Claims
Cascade County, Montana
Contract No. Idm-E743

Dear Mr. Fredell:

Enclosed is a copy of a certification of discovery or development related to Exploration Project Contract No. Idm-E743.

The contract was dated December 7, 1954, with the Government participating to the extent of 50 per cent in an exploration project estimated to cost $24,146.00. Actual expenditures were $21,543.50, with the Government's share being half of such amount, or $10,771.75.

The total amount of work provided for under the contract consisted of road repair, construction of a shop building, tunnel rehabilitation, and 760 feet of crosscutting and drifting. Work actually done under the contract consisted of 712 feet of drifting and crosscutting.

The discovery consisted of lead-zinc-silver ores occurring within a vein in gneiss. Estimated reserves were 1,320 tons with a grade of 5.4 per cent lead, 5.4 per cent zinc, and 51.6 ounces of silver per ton.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosures

WRGrisowld/er 9/13/56
Copy to: Docket
Mr. Lamb, USBM
Mr. Kiilsgaard, USGS
Cont.Adm & Audit Div.
Admr R File
Oper. Committee
Base Metals
Region I, NW Dist. (2)
Mr. Johnson
Mr. Griswold
Chron.

500

SEP 12 1956

Mr. L. B. Kesslstyn, Receiver
Broadwater Consolidated Mines
Kirtsar Building
Butte, Montana

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss and Atlantus Claims
Cascade County, Montana
Contract No. Idm-8743

Dear Mr. Kesslstyn:

For your information, we are enclosing a copy of a certification of discovery or development which has been issued pursuant to the terms of the cited contract. We are also enclosing a copy of our letter of transmittal of this certification.

The above are in connection with the Consent to Lien signed by you on December 21, 1954.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

WHGriswold/mr 9/8/56
Copy to: Docket
Admr & File
Op. Committee
Base Metals
Mr. Lamb, USBM
Mr. Killegaard, USGS
Mr. Chambers, DMEA
Region I, NW Dist. (2)
Chron.

Enclosures 2

Mailed in Field
Undated

Mr. John E. Dawson, President
Neihart-Consolidated Silver Mining Company
Great Falls, Montana

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Boss and Atlantus Claims
Cascade County, Montana
Contract No. Idm-E743

Dear Mr. Dawson:

For your information, we are enclosing a copy of a certification of discovery or development which has been issued pursuant to the terms of the cited contract. We are also enclosing a copy of our letter of transmittal of this certification.

The above are in connection with the Consent to Lien signed by you on December 8, 1954.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

WRGriswold/er
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Lamb, USBM
Mr. Kiilsgaard, USGS
Region I, NW Dist (2)
Mr. Chambers, DMEA
Chron.

Enclosures 2

Audit copy

TERMINATION AGREEMENT

It is agreed this 14th day of July, 1958, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Boss Mines, Inc., hereinafter called the "Operator," parties to that certain Amended Exploration Project Contract No. 1dm-2743 (Docket No. DMEA-3548), dated September 18, 1956, as amended, hereinafter called the "Contract," that:

1. Effective October 9, 1957, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute only to the fixed unit costs of work performed prior to October 9, 1957.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account.

4. All rights of the Government respecting percentage royalty and liens to secure the payment thereof, as provided in Article 6(b) of the Contract, for a period ending December 7, 1967, reports (including preservation of Operator's records), accounts, audits, and the right to recover any overpayment, are hereby preserved.

5. The Operator hereby releases and agrees to save the Government harmless from all claims and demands under or arising out of said Contract, except as otherwise provided in this Termination Agreement.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By G D Mitteldorf
Administrator, Defense Minerals
Exploration Administration

BOSS MINES, INC.

By E L Hewitt

Title President

D

July 9, 1958

Memorandum

To: Operating Committee

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

(Signed) J. L. Chambers

Subject: Attached Termination Agreement
Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc.
Amended Contract No. Idm-E743

Is it the intention of this Termination Agreement to make the Operator keep all records including reports, accounts, audits, etc. until December 7, 1967, or is it merely the intention to keep the records for a period of three months except those pertaining to royalty. It appears to me that paragraph four of the Termination Agreement should be rewritten.

JLChambers/GMcC

Audit copy

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AMENDED EXPLORATION PROJECT CONTRACT
BOSS MINES, INC.
DOCKET NO. DMEA-3548

AMENDMENT NO. 1

It is agreed this 27th day of December, 1957, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Boss Mines, Inc., hereinafter called the "Operator," that Amended Exploration Project Contract No. Idm-8743 (Docket No. DMEA-3548), dated September 18, 1956, hereinafter called the "Contract," is amended as follows:

1. (a) Work under the Contract shall be suspended during the period beginning October 9, 1957, and ending not later than May 15, 1958.

(b) The Government shall not contribute to any costs incurred by the Operator during the period of suspension nor to any costs of rehabilitation or repair which in its opinion would not have occurred had there been no suspension of work.

(c) The Operator at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work and any property in which the Government has an interest.

2. In Article 1 of the Contract the time fixed for completion of the work is extended from October 18, 1957, to October 18, 1958.

3. The maximum period for royalty payments and liens to secure the payment thereof, as provided in Articles 6(b) and 10(c) of the Contract, is increased from 12 to 13 years from the date of the "Prior Contract (December 7, 1954)."

This Amendment shall not be construed to increase the estimated total cost of the project, the aggregate amount which the Government may be required to contribute, or the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. Mitteman
Administrator, Defense Minerals
Exploration Administration

BOSS MINES, INC.

By C. H. Scott

Title President

MAR - 8 1957

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

Re: Boss Mines, Inc.
Docket No. DMEA-3548
Contract No. Idm-E743

Dear Mr. Turner:

Your interpretation of the above-cited project in regard to employing a geologist or engineer is correct. The contract specifies that the Operator must have a geologist or engineer two days each month.

The engineer thought that the time allowed for completion of the project would be sufficient, but some doubt has now arisen. Therefore, the engineers will be glad to write an amendment to the contract on this point if Mr. Weissenborn so recommends.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

JLChambers/wb
March 8, 1957

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

OFFICIAL FILE COPY
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RECEIVED MAR 4 1957

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February 28, 1957

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

Re: Boss Mines, Inc.
Docket No. DMEA-3548
Contract No. Idm-E743

Dear Mr. Chambers:

Will you please be referred to Exhibit A of this contract, first paragraph, wherein it states "the Operator shall hire a qualified consulting mining engineer or geologist, satisfactory to the Government, for a minimum of two days each month as a cost of the project". There is considerable confusion here as to just what this means.

I would interpret it to mean the Operator was actually required to have a consulting engineer on the project at least two days each month. However, the contract under Stages II and III provide only 8 days for each stage which, in other words, would mean that the Operator would be entitled to a consultant for a period of only four months which does not seem logical in case the stages ran more than four months each.

Will you please have this clarified.

Yours very truly,

C. A. Turner, Auditor

EXTRA COPY DMEA RECEIVED FEB 1 1957		
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xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

January 29, 1957

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

Re: Docket No. DMEA-3548 (Lead-Zinc)
Boss Mines, Inc., Boss & Atlantus claims,
Cascade County, Montana
Contract No. Idm-E743

Dear Mr. Selfridge:

Just recently we mailed to you four copies of a Memorandum to the Files, dated January 23, 1957, by the Executive Officer, concerning a telephone conversation had with Mr. C. L. Hewitt on January 7, 1957. A typographical error was made in the third line of the first paragraph. Please change the figures to read 143 feet and 145 feet, respectively, instead of 173 feet and 175 feet.

Sincerely yours,

Eva Marie Raymond
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

cc: USBM (2)
USBM (AD)
Pinckney

DMEA Form 14

Contract No. Idm-E 743

Docket No. 3548

DEPARTMENT OF THE INTERIOR

Terminated contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Obligation Document

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
Sept. 18, 1956	I	Montana	Lead-Zinc

Name and Address of Operator:

Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

	Reserve	Obligation
Prior Amount	0	28,604.25
Increase	0	0
Decrease	0	8,904.50
Revised Amount	0	19,699.75

Remarks:

(Name)
Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Title)

Date delivered to Bureau of Mines, Washington 9/23/58

22845

Contract No. Idm-E 743

Docket No. 3548

Executed amended contract

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
Sept. 18, 1956	I NW	Montana	Lead-Zinc

Name and Address of Operator: Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

	Reserve	Obligation
Prior Amount	$17,832.50	$10,771.75
Increase	0	17,832.50
Decrease	17,832.50	0
Revised Amount	0	$28,604.25

Remarks:

(Name)
Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Title)

Date Delivered to Bureau of Mines, Washington 11/9/56

98963

Government's Copy

MF-200A
(Rev. April 1956)

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
AMENDED
EXPLORATION PROJECT CONTRACT
(Short Form)

DMEA No.	*Commodity*	*Contract No.*	*County*	*State*
		Idm-E 743		
3548	Lead-Zinc		Cascade	Montana

It is agreed September 18, 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Boss Mines, Inc., a Montana corporation

whose mailing address is 545 N. Rodney Street
Helena, Montana
hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) This contract is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall ~~begin~~ resume the work on or before OCTOBER 29 - 1956, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 13 months from the date of the contract. See Article 10.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the project work is $ 57,208.50. The Government will contribute 50 percent of the fixed unit cost of the work performed, not exceeding $ See Exhibit "A". in accordance with the provisions of Articles 4 and 5.

(c) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's rights of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances: None

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached, as follows: Consent to Lien of Neihart Consolidated Silver Mining Co., and Consent to Lien of L. B. Esselstyn, Receiver of Broadwater Consolidated Mines.

(c) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing

in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. Two copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. *Performance of the work.*—(a) Operator's responsibility.—The work shall be performed diligently, efficiently, expertly, in a workmanlike manner, and in accordance with good mining standards and State regulations governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work, as specified in Article 1 (a).

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after certification of discovery or development, to inspect production operations and underground workings. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. *Contribution by the Government.*—The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5 (b); but all payments by the Government are provisional only, subject to audit, and until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been rendered, the Government may withhold such sums as it sees fit but not in excess of 10 percent of the estimated total cost of the work. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) Operator's records.—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered a sufficient final report (see Article 5), may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to retain his interest in the land), shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. **See Article 10.**

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling, assaying, or transportation performed or paid by the Operator or by anyone other than the buyer are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent) after the lapse of six months from the date the ore was extracted from the ground remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

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

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this Article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 7. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and liens to secure the payment thereof, and such rights shall be fully preserved.

ARTICLE 8. *Notices to be given by the Government* may be delivered to the Operator or may be sent by registered mail addressed to the Operator at the mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 10. *Changes and added provisions.*—

(a) The attached Annex II is made a part of this Amended Contract.

(b) In Article 6(b) wherever the words "date of the contract" appear they mean "date of the Prior Contract (December 7, 1954)."

(c) In Article 6(c) the period "twelve years" is substituted for the period "ten years."

(d) In Article 1(a) "date of the contract" means "date of this Amended Contract."

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

BOSS MINES, INC.
(Operator)

By C. L. Hewitt

Title President

By C. D. Mitterdorf
Administrator, Defense Minerals
Exploration Administration

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

Irene A. Johnson

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE: 1956—O-383069

RECEIVED
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AMENDED EXPLORATION PROJECT CONTRACT
BOSS MINES, INC.
DOCKET NO. DMEA-3548
CONTRACT NO. Idm-E743

ANNEX I

The land referred to in Article 2 and the nature of the Operator's right of property and possession therein is as follows:

The Operator is the lessee-optionee of the Boss Mining Claim, patent No. 3129 and the Atlantus Mining Claim, patent No. 3128, under an agreement dated September 8, 1954, between Neihart Consolidated Silver Mining Company and C. L. Hewitt, which was assigned by C. L. Hewitt to the Operator by an instrument dated September 8, 1954.

The Operator is the lessee-optionee of the Unity Mining Claim, Survey No. 2911 and the Rochester Mining Claim, Survey No. 2866 under an instrument dated November 22, 1954.

These claims are located in the Neihart Mining District, Cascade County, Montana, in Section 29, Township 14 North, Range 8 East, MPM, and are shown on the map attached to Exhibit "A," attached to the Prior Contract.

MF-205
(Combines and supercedes MF-20[illegible]d MF-203)
June 1956

For Government's Use Only
EXPLORA[illegible]ON PROJECT CONTRACT
Operator Boss Mines, Inc.
Docket No. DMEA-3548
Amended Contract No. Idm-E 243
Contract Date SEP 1 8 1956

RECEIVED NOV 9 1956 D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Cascade State of Montana, described as follows: 2/

Boss Quartz Lode Mining Claim, Patented, Survey Number 3129

Atlantus Quartz Lode Mining Claim, Patented, Survey Number 3128

which is the subject of a proposed/~~amended~~ exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

None

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

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

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: _____ (State "None" or "See Annex No.____")

Dated this 1st day of October, 1956.

Neihart Consolidated Silver Mining Co. [Seal] _____ [Address]

By John E. Dawson [Seal] _____ [Address]

President [Seal] _____ [Address]

V. C. Christenson Asst. Secretary [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

I, V. C. Christenson certify that I am the Assistant Secretary (Secretary, etc.) of the corporation named herein; that John E. Dawson who signed this agreement was then President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

V. C. Christenson
[Corporate Seal]

MF-205
(Combines and supercedes MF-20[illegible] and MF-203)
June 1956

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator Boss Mines, Inc.
Docket No. DMEA- 3548
Amended Contract No. Idm-E 743
Contract Date SEP 18 1956

RECEIVED NOV 9 1956 D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Cascade State of Montana, described as follows: 2/

Rochester Quartz Lode Mining Claim, U. S. Survey No. 2866, and

Unity Quartz Lode Mining Claim, U. S. Survey No. 2911

which is the subject of a proposed ~~amended~~ exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

None

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

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

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: none (State "None" or "See Annex No.____").

Dated this 28th day of September, 1956.

L. B. Esselstyn, Receiver of Broadwater Consolidated Mines [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

IN THE DISTRICT COURT OF THE EIGHTH JUDICIAL DISTRICT OF THE STATE OF MONTANA, IN AND FOR THE COUNTY OF CASCADE

- - - - -

JOHN J. STEWART,

Plaintiff,

vs.

No. 28962

BROADWATER CONSOLIDATED MINES, a corporation,

Defendant.

- - - - -

ORDER AUTHORIZING RECEIVER TO EXECUTE AND DELIVER CONSENT TO LIEN.

- - - - -

This matter came on regularly for hearing this day upon the Petition of L. B. ESSELSTYN, Receiver of Broadwater Consolidated Mines, a Corporation, for permission to execute and deliver Consent to Lien required by the DMEA in connection with a proposed Government loan through said DMEA to Boss Mines, Inc., lessee of

ROCHESTER Lode, U.S. Survey No. 2866, and

UNITY Lode, U. S. Survey No. 2911,

And the Court having heard evidence in support of said Petition, and being fully advised,

IT IS HEREBY ORDERED that said Receiver be and she is hereby authorized to execute and deliver the said Consent to Lien.

Done in open Court this 6th day of June, 1956.

J W Greer
DISTRICT JUDGE.

Exhibit A to Consent to Lien by L. B. Esselstyn, Receiver.

STATE OF MONTANA, County of Cascade. } ss.

I hereby certify that the instrument to which this certificate is affixed is a true, correct and compared copy of the original on file in the office of the Clerk of the District Court.

Witness my hand and the seal of the District Court of Cascade County this 6th day of June, 1956

AGNES SCHRAPPS, Clerk of Court

STATE PUBLISHING CO. HELENA, MONT.

Cascade County, Montana.

By W. C. Coughlin

Deputy Clerk.

AMENDED EXPLORATION PROJECT CONTRACT
BOSS MINES, INC.
DOCKET NO. DMEA-3548
CONTRACT NO. Idm-E743

RECEIVED NOV 9 1956

ANNEX II

WHEREAS, the parties to this Amended Contract are also parties to Contract Idm-E743, dated December 7, 1954, as amended and as terminated by an agreement of the parties dated February 20, 1956, hereinafter referred to as the "Prior Contract."

The parties desire to resume and expand the project, preserve the Certification of Discovery or Development made pursuant to the Prior Contract, and restate their entire agreement in this Amended Contract.

NOW THEREFORE, it is agreed that:

1. Effective December 7, 1954, the Prior Contract is amended and superseded by this Amended Contract, which shall govern all the rights and obligations of both parties, except that (a) vouchers and claims for the Government's contribution to the work performed under the Prior Contract and payment therefor by the Government shall be as therein provided, (b) all rights of the Government provided for in the Prior Contract with respect to a certification of discovery or development and a percentage royalty and liens for its payment are preserved, and (c) all rights of the Government with respect to records, audits, and recovery of any overpayment, are preserved.

2. (a) The work performed and the amount contributed by the Government under the Prior Contract are incorporated into this Amended Contract, and royalty for repayment of this amount is payable pursuant to the royalty provisions of this Amended Contract.

(b) The Certification of Discovery or Development made pursuant to the provisions of the Prior Contract is considered as having been made under this Amended Contract, and the Government's rights to royalty pursuant to Articles 6(b)(2) and 10 of the Amended Contract and its liens therefor are now, hereby, vested, the requirement for certification in Article 6(a) of the Amended Contract being hereby waived.

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

AMENDED EXPLORATION PROJECT CONTRACT
BOSS MINES, INC.
DOCKET NO. DMEA-3548
CONTRACT No. Idm-E743

EXHIBIT "A"

Description of the Work

The work is divided into three stages. Stage I consists of the work performed under the Prior Contract. Stages II and III are set forth below. The Operator shall perform the work under Stage II, and shall perform as much of the work under Stage III as is approved in advance by the Government. In connection with the performance of this work, the Operator shall hire a qualified consulting mining engineer or geologist, satisfactory to the Government, for a minimum of two days each month as a cost of the project. The work is outlined on the attached map entitled: "Proposed Exploration, Boss and Atlantus Claims, Boss Mines, Inc., Neihart, Montana, Figure 3."

Stage II

1. Cut three diamond drill stations on the Rochester Adit crosscut, not exceeding the equivalent of 10 feet of drifting for each drill station.

2. From the Rochester Adit crosscut, drill three diamond drill holes. The total amount of drilling shall not exceed 650 feet, and the size of all holes shall be not less than AX. The approximate location, direction, inclination, and extent of each diamond drill hole are shown on the attached map. Diamond drill hole No. 1 shall be drilled from the 100 vein south drift to determine if the 101 vein is faulted south of the crosscut. Diamond drill holes Nos. 2 and 3 shall be drilled to test the 100 vein at a depth of approximately 150 feet below the Adit level.

   The location, direction, inclination, and extent of each diamond drill hole shall have prior approval of the Government.

3. From the bottom of the present winze on the 101 vein, sink a two-compartment timbered winze 100 feet to a total depth of 145 feet below the level of the Rochester Adit crosscut. The size of the winze shall be not less than 4 feet by 8 feet in cross section in the clear of timber.

4. From the bottom of the winze, drift and/or crosscut not to exceed an aggregate of 300 feet. The size of the drifts and crosscuts shall be not less than 5 feet by 7 feet in cross section in the clear of timber.

5. The drifts and/or crosscuts shall be timbered as necessary, but the Government shall not contribute to the costs of more than 120 feet of said timbering.

6. Not to exceed 100 samples shall be assayed for lead, zinc, and silver.

The locations, directions, and extent of the drifts and/or crosscuts shall have prior approval of the Government.

Stage III

1. Extend the drifts and/or crosscuts on the 150-foot level not to exceed 200 feet. The direction, location, and extent of each drift and/or crosscut shall have prior approval of the Government. The size of the drifts and/or crosscuts shall be not less than 5 feet by 7 feet in cross section in the clear of timber.

2. The drifts and/or crosscuts shall be timbered as necessary, but the Government shall not contribute to the costs of more than 80 feet of said timbering.

3. Cut two diamond drill hole stations on the 150-foot level, not exceeding the equivalent of 10 feet of drifting for each drill station.

4. From the 150 level, drill two diamond drill holes to test the 102, 103, and 104 veins below the 150-foot level. The location, direction, inclination, and extent of each drill hole shall have prior approval of the Government. The total amount of drilling shall not exceed 500 feet and the size of the holes shall be not less than AX.

5. Not to exceed 60 samples to be assayed for lead, zinc, and silver.

Estimated Costs of Project

Stage I

Work performed under Prior Contract	$21,543.50

Fixed Unit Costs

Stage II

1.	Cut 3 diamond drill hole stations (Item 1), 30 feet	@ $30.00/ft.	$ 900.00	
2.	650 feet of diamond drilling (Item 2)	@ $5.50/ft.	3,575.00	
3.	Sink winze 100 feet (Item 3)	@ $85.00/ft.	8,500.00	
4.	300 feet of drifting and/or cross-cutting (Item 4)	@ $33.00/ft.	9,900.00	
5.	120 feet of timbering (Item 5)	@ $7.50/ft.	900.00	
6.	100 samples (Item 6)	@ $3.00/sample	300.00	
7.	Consulting engineer or geologist, 8 days	@ $50.00/da.	400.00	
	Estimated Total Cost - Stage II			$24,475.00

Stage III

1.	200 feet of drifting and/or cross-cutting (Item 1)	@ $33.00/ft.	$ 6,600.00	
2.	80 feet of timbering (Item 2)	@ $7.50/ft.	600.00	
3.	Cut 2 diamond drill hole stations (Item 3), 20 feet	@ $33.00/ft.	660.00	
4.	500 feet of diamond drilling (Item 4)	@ $5.50/ft.	2,750.00	
5.	60 samples (Item 5)	@ $3.00/sample	180.00	
6.	Consulting engineer or geologist, 8 days	@ $50.00/da.	400.00	
	Estimated Total Cost - Stage II ~~III~~			11,190.00
	Estimated Total Cost - Stage II and Stage III			$35,665.00
	Government Participation @ 50%			$17,832.50

S U M M A R Y

Work performed under Prior Contract	$21,543.50
Estimated Total Cost - Stage II and Stage III	35,665.00
Estimated Total Cost of Project	$57,208.50
Government Participation @ 50%	$28,604.25

BOSS MINES, INC.
P. O. Box 904
HELENA, MONTANA

MINES.
NEIHART, MONTANA

PHONE 22

October 29,1956.

Mr. A. E. Weissenbern
Executive Officer, DMEA
Field Team Region 1, N. W. District,
So. 157 Howard Street
Spokane 4, Washington.

Dear Mr. Weissenborn:-

I am returning herein, the five copies of the executed contract, also the "operators copy". I am not sure whether the operators copy should be returned, but assume that it will be sent back after signatures are verified.

We are aware that any production from the land described in the contract(both the Prior Contractand the Amended Contract) is subject to the royalty provisions of the contract whether or not the ore was known to exist prior to the date of the contract or it is discovered or developed by the work under the contract. This condition is set up on our books accordingly, and the purchasers of our ore or concentrates will be so advised.

Yours very truly,

C.L.Hewitt, Pres.
Boss Mines Inc.

11/ 6/56 Operator's Copy of this Amended Contract returned to him today.

m.l.s.

Contract No. Idm-E 743

Docket No. 3548

DEPARTMENT OF THE INTERIOR

Approved Amended contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
Sept. 18, 1956	I NW	Montana	Lead-Zinc

Name and Address of Operator: Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

	Reserve	Obligation
Prior Amount	$16,131.25	$10,771.75
Increase	$ 1,701.25	0
Decrease	0	0
Revised Amount	$17,832.50	$10,771.75

Remarks: This supersedes the document of 10/19/56.

(Name)
Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Title)

Date Delivered to Bureau of Mines, Washington 10/24/56

98963

Contract No. Idm-E 713

Docket No. 3548

DEPARTMENT OF THE INTERIOR

Approved Amended contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
Sept. 18, 1956	I NW	Montana	Lead-Zinc

Name and Address of Operator: Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

	Reserve	Obligation
Prior Amount	0	$10,771.75
Increase	$17,832.50	0
Decrease	0	0
Revised Amount	$17,832.50	$10,771.75

Remarks:

(Name)
Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Title)

Date Delivered to Bureau of Mines, Washington 10/19/56

98963

Government's copy

TERMINATION AGREEMENT

It is agreed this 20th day of February, 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Boss Mines, Inc., hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-E743 (Docket No. DMEA-3548), dated December 7, 1954, hereinafter called the "Contract," that:

1. Effective December 9, 1955, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute to allowable costs incurred prior to said effective date; and shall contribute to allowable costs incurred or to be incurred beginning with said effective date in performing winding-up and settlement actions provided for in the contract, including (a) the preservation and disposal of property to the cost of which the Government has contributed, and (b) the making and rendering of reports and accounts.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including (a) the disposal of any facilities, buildings, fixtures, equipment, or other items to the cost of which the Government has contributed; and (b) the rendering of the final report and final account.

4. All rights of the Government provided for in the Contract with respect to a certification of discovery or development and a percentage royalty and lien for its payment are preserved.

5. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in this termination agreement.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By O. O. Mitkevich
Administrator, Defense Minerals
Exploration Administration

BOSS MINES, INC.

By C. A. Hewitt
Pres.

GOVERNMENT COPY

(Amendment to Change Starting and/or Completion Dates)

AMENDMENT NO. 2

It is agreed this 8th day of November 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Boss Mines, Inc.

(Docket No. DMEA 3548, lead-zinc)

each acting in consideration of the agreement to the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E743 dated December 7 1954 between the parties hereto be modified and amended to change ~~the starting date from xxxxxxxxxxxx to xxxxx (No. of days) within xxxxxxxxxxxx of the date of the contract and~~ the completion period from 12 (No. of months) to 13 (No. of months) from the date of the contract. The effective date of this amendment shall be December 7, 1955.

This amendment is made by authority granted the Executive Officer, DMEA Field Team, Region ~~II~~ I, NW District, 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.

BOSS MINES, INC.
(Operator)

By C. L. Hewitt
President

THE UNITED STATES OF AMERICA

By A. E. Weissenborn
A. E. Weissenborn
Executive Officer
DMEA Field Team, Region ~~II~~ I, NW Dist.

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NOV 18 1955

Exploration Project Contract
Boss Mines, Inc.
Docket No. DMEA 3548, lead-zinc

Justification of Amendment No. 2

On October 28, 1955, the Operator had 73 feet of drifting and crosscutting remaining to be done. The contract expires on December 7, 1955, and at the current rate of advance it is believed an additional month (to January 7, 1956) will be required to complete the work.

S. W. Zoldok

Government's Copy

EXPLORATION PROJECT CONTRACT
BOSS MINES, INC.
DOCKET NO. DMEA-3548

AMENDMENT NO. 1

It is agreed this 27th day of July, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Boss Mines, Inc., that Contract No. Idm-E743 (Docket No. DMEA-3548), dated December 7, 1954, is amended as follows:

(1) Under "Description of the Work"

a. Delete items 1, 2, and 3.

b. In item 4, change "650 feet" to "760 feet."

(2) Under "Estimated Costs of the Project" "Fixed Unit Costs"

a. Delete the first item

b. Change the second item to read: "Cross-cutting and drifting, 760 feet @ $30.00/ft. (work item 4) rounded to $22,796.00

c. After "Total Agreed Unit Cost" change "$22,646.00" to "$23,296.00."

(4) Under [illegible]uled Actual Costs"

a. "Category (1)" delete "(Work item 2) Repair road and bulldoze adit portal," and substitute the word "none."

b. "Category (6)" delete "(Work item 1) Erect building . . . $450.00," and substitute the word "none."

(5) Under "Total Scheduled Actual Costs," change "$1,500.00*" to "$850.00*."

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IN WITNESS WHEREOF, these parties have executed this amendment as of the day and year first above written.

THE UNITED STATES OF AMERICA

By C. Mittendorf
Administrator, Defense Minerals
Exploration Administration

BOSS MINES, INC.

By C. L. Hewitt
Pres.

RECEIVED
AUG 15 1955

Contract No. Idm-E 719

Docket No. 3548

DEPARTMENT OF THE INTERIOR

Approved Amendment

DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
September 18, 1956	I NW	Montana	Lead-Zinc

Name and Address of Operator: Ross Mines, Inc.
545 N. Rodney Street
Helena, Montana

	Reserve	Obligation
Prior Amount	$ 0	$10,771.75
Increase	16,131.25	-
Decrease	0	-
Revised Amount	$16,131.25	$10,771.75

Remarks:

(Name)
Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Title)

Date Delivered to Bureau of Mines, Washington 9/18/56

98963

Docket No. 3548

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E743

Date of Contract ~~or Amendment~~: December 7, 1954

Name and Address of Operator:

Boss Mines, Inc.
545 N. Rodney Street
Helena, Montana

Amount of Government participation ____ $2,073.00

Percent of Government participation 50 %

Region: I NW State: Montana

Note: Please release $1,301.25. Contract terminated.

E. W. Talbert
(Name)

for J. L. Chambers, Chief
Contract Administration and
Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. 4/23/56

54458

Docket No. 3548

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 743

Date of Contract ~~or Amendment~~ December 7, 1954

Name and Address of Operator:
Boss Mines, Inc.,
545 N. Rodney Street
Helene, Montana

Amount of Government participation $12,073.00

Percent of Government participation 50 %

Region: II State: Montana

E K Talbot
(Name)
for J.L. Chambers, Chief,
Contract Administration and Audit Div.

(Title)

Date Delivered to Bureau of Mines, Washington. 12/7/54

54458

Government's Copy

...T OF THE INTERIOR
...Minerals Administration
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MF-200
(Revised June 1954)

Docket No. DMEA3548

Commodity Lead-Zinc

Contract No. Idm-E 743

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

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 7 day of December, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Boss Mines, Inc., a Montana Corporation, whose mailing address is 545 N. Rodney Street Helena, Montana, hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200), the attached Exhibit "A," Annex I, and .....

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of Montana, County of Cascade, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] lessee of the mineral~~xx~~[5] the entire interest rights and optionee of/ in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] See Annex I, [7] ..... recorded in Book ....., page ....., official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: .....

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

of the land (lessor, seller, optionor, etc.), are attached, as follows: .....

.....

.....

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 8, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 8(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of Lead-Zinc The work to be performed is described in Exhibit "A." The Operator on or before December 17, 1954 shall commence the work, and on or before one year from date* (unless the Operator's obligation to prosecute the work is terminated—see Article 10) shall either have completed the work or shall have incurred allowable costs (see Article 6) in a sum not less than the estimated total allowable cost set forth in Exhibit "A."

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Independent contracts.*—To the extent that the allowable costs are estimated in Exhibit "A" with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed; but if the reference in Exhibit "A" to any such independent contract requires the Government's approval thereof, payments under such contract will not be allowable costs unless the Government gives its written approval of the contract. Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract and regardless of the Government's approval thereof, the Government will participate in payments to the independent contractor only on account of work performed in accordance with the provisions of this exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—The estimated total allowable cost of the project, set forth in Exhibit "A," is the sum of $24,146.00 The Government shall contribute 50 percent of the allowable costs as they are incurred in a total sum not in excess of $12,073.00 : *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last

* The word "date" means date of contract.

voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work or not in excess of the amount of the Government's contribution to the cost of property which is or may become subject to disposal as provided in Article 9(c), whichever is greater. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 7(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. "Costs incurred" mean costs that have been paid or have become due and payable, or that in the opinion of the Government have become an obligation. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Estimated costs.*—(a) *Categories of costs.*—The allowable costs of the work to which the Government shall contribute are limited to those that are direct, reasonable, necessary, and that are estimated in Exhibit "A" by categories as specified in this article. If any category or subcategory is omitted from the estimate of costs, or if the word "none" is annexed to the listing thereof, costs under such category or subcategory are not allowable. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost, and any excess over the estimated total allowable cost of the work, shall not be allowable. Any excess over the estimate of any category, subcategory, or item, either as to requirement or related cost, not indicated as a maximum shall be allowable within the limit of the estimated total allowable cost of the work. To the extent that excesses over maximums other than the estimated total allowable cost of the work may be necessary for the performance of the work, the Operator shall incur such excesses for his own account without contribution by the Government; but except for any such necessary excesses in categories, subcategories, or items thereunder the Operator is not obligated to incur more than his agreed percentage of the estimated, total allowable cost of the work.

To the extent specified in this article or in Exhibit "A" the following categories, subcategories, and elements thereof are maximums; but if not so specified either here or in Exhibit "A" they are not maximums, and may be exceeded within the limit of the estimated total allowable cost of the work:

CATEGORY (1)—INDEPENDENT CONTRACTS.—Work to be performed under independent contracts (see Article 4(b)). The estimated total amount of this category and the estimated cost of each unit of work for performance under an independent contract are maximums.

CATEGORY (2)—PERSONAL SERVICES.

Subcategory (a)—Supervision.—All elements of this subcategory (number of supervisors, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)—Technical services.—All elements of this subcategory (number of technicians, periods of employment, rates of pay, and total) are maximums.

Subcategory (c)—Labor.

CATEGORY (3)—OPERATING MATERIALS AND SUPPLIES.—Includes such items as drill bits and steel, explosives, fuel, pipe, power, small tools costing less than $50 each, timber, track.

CATEGORY (4)—OPERATING EQUIPMENT.

Subcategory (a)—Rental.—The number of each object to be rented [6 mine cars, 1 truck], the rate of rental [$100 per month, $5 per hour], and the total of this subcategory are maximums.

Subcategory (b)—Purchases.—The estimated total of this subcategory is a maximum.

Subcategory (c)—Depreciation.—All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)—INITIAL REHABILITATION AND REPAIRS.—Estimates under this category include all requirements and related costs, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The estimated total of this category is a maximum.

Subcategory (a)—Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).—The estimated total of this subcategory is a maximum.

Subcategory (b)—Initial rehabilitation and repairs of operating equipment.—The estimated total of this subcategory is a maximum.

CATEGORY (6)—NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).—Estimates under this category include all requirements and related costs, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The estimated total of this category is a maximum.

CATEGORY (7)—MISCELLANEOUS.—Repairs and maintenance (other than initial) of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, communications, and any other items of requirement or cost that do not fall within any of the first 6 categories.

THE ESTIMATED TOTAL ALLOWABLE COST of the work is a maximum.

(b) *Nonallowable costs.*—The following costs are not allowable for contribution by the Government:

(1) *Costs of the land,* such as rental, depreciation, depletion, or other cost of acquiring, owning, or holding possession;

(2) *Indirect costs,* such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) *Previous work* performed or costs incurred before the date of this contract; and

(4) *Deferred payments.*—Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods; unless the purchase agreement is approved by the Government in writing.

(c) *Reductions in costs.*—The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original estimated total cost. This provision does not apply to receipts from production which are subject to the Government's percentage royalty under the provisions of Article 9.

ARTICLE 7. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. If the Government elects to audit said records and accounts relating to the exploration work by certified public accountant, it may do so as a cost of the work to which the Operator shall contribute. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing detailed costs incurred during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and related costs incurred.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 8. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 7) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, within a period of ten years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value therof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½)

percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

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

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 9. *Interests in purchased property.*—(a) *Title and ownership.*—All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions, although title thereto shall be taken in the name of the Operator.

(b) *Preservation of property.*—Until the final disposal of any property in which the Government has an interest the Operator shall preserve and protect same for the best interest of the Government, any reasonable and necessary costs thereof to be treated as an allowable cost of the project. After the completion of the work or termination of the Government's obligation to contribute, or when such property is not in use for or needed for the work, the Operator shall neither use it without the written consent of the Government nor without paying a reasonable rental to be fixed by the Government for its interest.

(c) *Disposal of property.*—Upon the completion of the work or termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator or the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government the Operator shall not sell at any price any item of property the cost of which was more than $500, and shall not sell at less than 25 percent of the purchase price any item of property which cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or himself cares to give. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, or explosives, or pipe, or rails), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the project.

(d) *Default of the Operator re disposal.*—If within 90 days after the completion of the work or termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, or after such further time as the Government may in writing allow, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may pursue one of the following two courses: (1) the Government, by written notice to the Operator, may place upon such property what in its opinion is a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the

date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; or (2) the Government may enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 10. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon: (1) the Government shall be free of all obligation to contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to winding up, reporting, and accounting; and (2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon: (1) the Government shall be relieved of all obligation to contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to winding up, reporting, and accounting; and (2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 10 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 11. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 12. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 13. *Changes and added provisions.*—

To the extent that costs are set forth in Exhibit "A" as "fixed unit costs" they are in lieu of the actual costs set forth in Article 6 of the contract.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C P Mitchendorf
Administrator, Defense Minerals
Exploration Administration

BOSS MINES, INC.
(Operator)

By C. L. Hewitt
President

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

Irene A. Johnson

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70617-1

EXPLORATION PROJECT CONTRACT
BOSS MINES, INC.
DOCKET NO. DMEA-3548

ANNEX I

The Operator is the lessee-optionee of the Boss Mining Claim, patent No. 3129 and the Atlantus Mining Claim, patent No. 3128, under an agreement dated September 8, 1954, between Neihart Consolidated Silver Mining Company and C. L. Hewitt, which was assigned by C. L. Hewitt to the Operator by an instrument dated September 8, 1954.

The Operator is the lessee-optionee of the Unity Mining Claim, Survey No. 2911 and the Rochester Mining Claim, Survey No. 2866 under an instrument dated November 22, 1954.

These claims are located in the Neihart Mining District, Cascade County, Montana, in Section 29, Township 14 North, Range 8 East, MPM, and are shown on the map attached to Exhibit "A."

EXPLORATION PROJECT CONTRACT
BOSS MINES, INC.
DOCKET NO. DMEA-3548

EXHIBIT "A"

Description of the Work

The work consists of the following:

1. Erect a building, approximately 25 feet by 20 feet, to house compressor and shop and also serve as a change house.

2. Rebuild the road to the Rochester adit, and doze an adit portal with D6 or equivalent bulldozer.

3. Rehabilitate the Rochester adit. This work includes installing track, air and water lines, and vent tube, and cleaning out the adit. The adit shall be not less than 5 feet by 7 feet in cross section in the clear of timber.

4. Extend the Rochester Adit crosscut and drift on the most favorable structure. Not to exceed an aggregate of 650 feet of crosscutting and drifting shall be performed. The direction, location and extent of the crosscut and of the drift shall have prior approval of the Government. The crosscut and drift shall be not less than 5 feet by 7 feet in cross section in the clear of timber.

All workings shall be timbered as necessary.

The exploration work is indicated on the map entitled "Map Showing Veins, Working and Proposed Exploration Program, Boss and Atlantus Claims and Vicinity," attached hereto and made a part hereof.

Estimated Costs of the Project

Fixed Unit Costs

(work item 3) Rehabilitate Rochester adit, 540 ft @ $4.90/ft	$ 2,646.00
Crosscutting and drifting, 650 ft @ $30.00/ft (work item 4)	19,500.00

Timber Rochester Adit crosscut and drift 100 feet @ $5.00/ft $ 500.00

Total Agreed Unit Cost $22,646.00

The Government will contribute to the costs of the rehabilitating, crosscutting, drifting, and timbering, on the basis of the fixed unit costs set forth above for units of work actually performed, in lieu of actual costs. These fixed unit costs include all costs of the work, except those actual costs set forth below under Scheduled Actual Costs, to which the Government will contribute on the basis of Article 6 of the Contract.

Scheduled Actual Costs

(* Indicates maximum in addition to the maximum set forth in Article 6 of the Contract form)

Category (1) Independent Contracts

(work item 2) Repair road and bulldoze adit portal

16 hours of bulldozer @ $12.50/hour $ 200.00

Category (2) Personal Services

(a) Supervision
none

(b) Technical Services

1 Registered professional engineering or geological consultant, 10 days @ $50.00/day 500.00

(c) Labor
none

Category (3) Operating Materials and Supplies
none

Category (4) Operating Equipment - none

Category (5) Initial Rehabilitation and Repairs
none

Category (6) New Buildings, Fixtures, and Installations (Exclusive of Mine Workings)

(work item 1) Erect building	$ 450.00	

Category (7) Miscellaneous

Assaying - 100 samples* @ $3.50/assay*	350.00*	
Total Scheduled Actual Costs		$ 1,500.00*
Estimated Total Cost of the Project		$24,146.00
Government Participation @ 50%		$12,073.00

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

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

Boss Quartz Lode Mining Claim, Patented, Survey Number 3129

Atlantus Quartz Lode Mining Claim, Patented, Survey Number 3128

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

2/ Boss Mines Inc.

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

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

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

(OVER)

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

4. Changes and added provisions _____

Dated this 8th day of December, 1954.

Neihart Consolidated Silver Mining Co. [Seal]

By _____ [Seal]
JOHN E. DAWSON, President

_____ [Seal]
By VERN C. CHRISTENSON, Assistant Secretary

DEPARTMENT OF THE INTERIOR
Bureau of Minerals Administration
RECEIVED
JAN 10 1955

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

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

Rochester Quartz Lode Mining Claim, U.S.Survey No. 2866, and

Unity Quartz Lode Mining Claim, U.S.Survey No. 2911;

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

2/ BOSS MINES, INC., a Montana corporation,

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

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

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

(OVER)

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

4. Changes and added provisions The royalty for the security of which this Consent is given is that provided for in Article 8 of Form MF 200 of the DMEA.

Exhibit A is a certified copy of order of Court authorizing the Receiver to execute and deliver this Consent.

Dated this 21st day of December, 1954.

L B Esselstyn [Seal]

As Receiver of Broadwater Con- [Seal]

solidated Mines, a corpora- [Seal]

tion.

Address: Hirbour Building, Butte, Montana.

IN THE DISTRICT COURT OF THE EIGHTH JUDICIAL DISTRICT OF THE STATE OF MONTANA, IN AND FOR THE COUNTY OF CASCADE.

_ _ _ 28962 _ _ _ _

JOHN J. STEWART,

Plaintiff,

-vs-

BROADWATER CONSOLIDATED MINES,
a corporation

Defendant.

\- - - - - - - - - - -

ORDER AUTHORIZING RECEIVER TO EXECUTE
AND DELIVER CONSENT TO LIEN.

\- - - - - - - - - - -

This matter came on regularly for hearing this day upon the petition of L. B. Esselstyn, Receiver of Broadwater Consolidated Mines, a corporation, for permission to execute and deliver Consent to Lien required by the DMEA in connection with a proposed government loan through said DMEA to Boss Mines, Inc., lessee of

Rochester Lode, U. S. Survey No. 2866, and
Unity Lode, U. S. Survey No. 2911,

and the Court having heard evidence in support of said petition, and being fully advised.

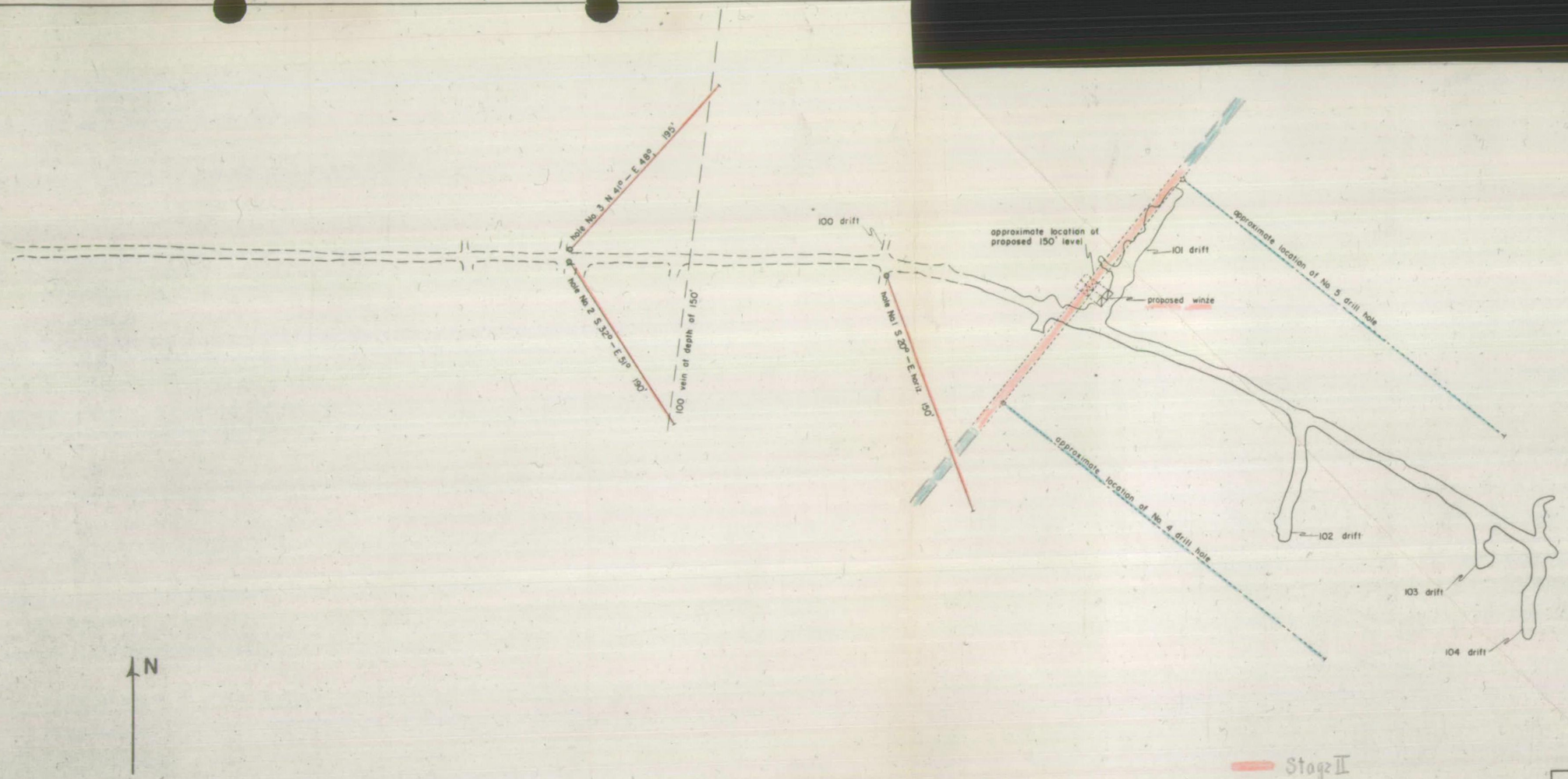
It is hereby Ordered that said Receiver be and she is hereby authorized to execute and deliver the said Consent to Lien.

Done in open Court this 14th day of December, 1954.

J. W. Speer
District Judge

STATE OF MONTANA,
County of Cascade.
I hereby certify that the [illegible] to which this [illegible] true, correct [illegible] of the [illegible]
Witness [illegible] District Court of [illegible]
20th day of Dec. 54
[illegible]
Cascade County, Montana
By C. Lithiner
Deputy Clerk.

EXHIBIT A to Consent to Lien

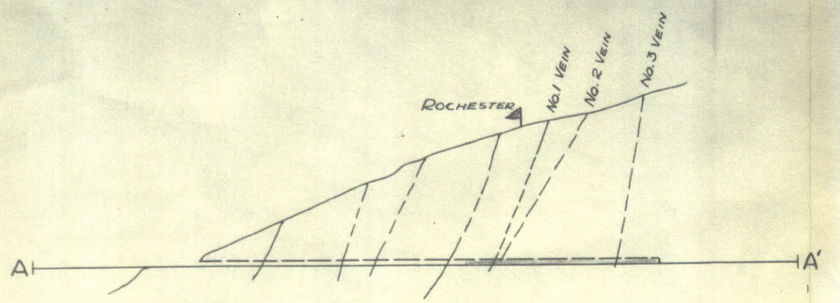


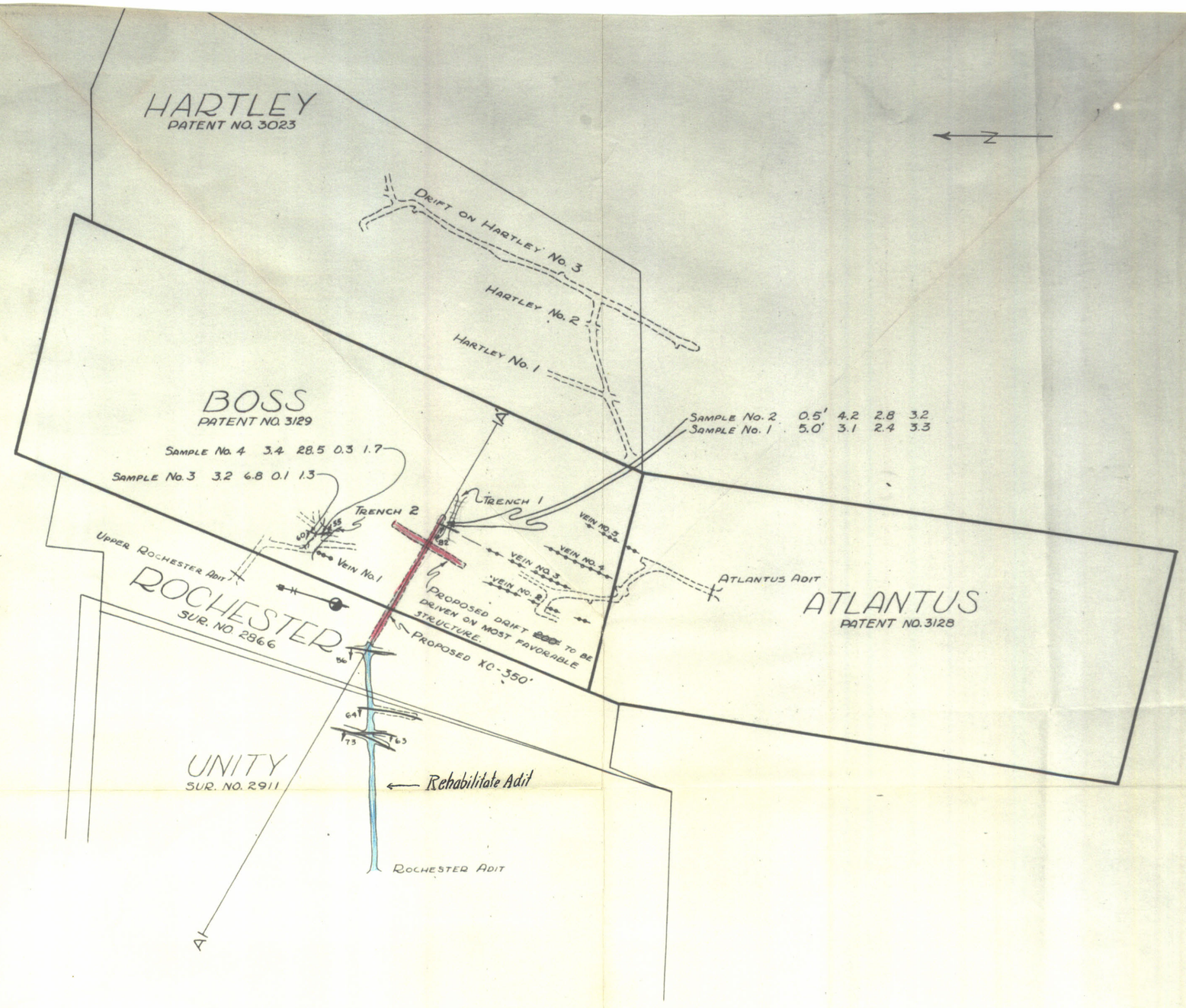
PROPOSED EXPLORATION
Boss and Atlantus Claims
BOSS MINES, INC.
Neihart, Montana

Docket No. DMEA-3548

Figure 3

RECEIVED
NOV 9 1956
D.M.E.A.





EXPLANATION

VEINS SHOWN ON REBER'S MAP

VEINS. EXPOSURE EXAMINED BY D.M.E.A.

PROPOSED EXPLORATION

INACCESSIBLE WORKINGS

SHAFTS

TRENCH

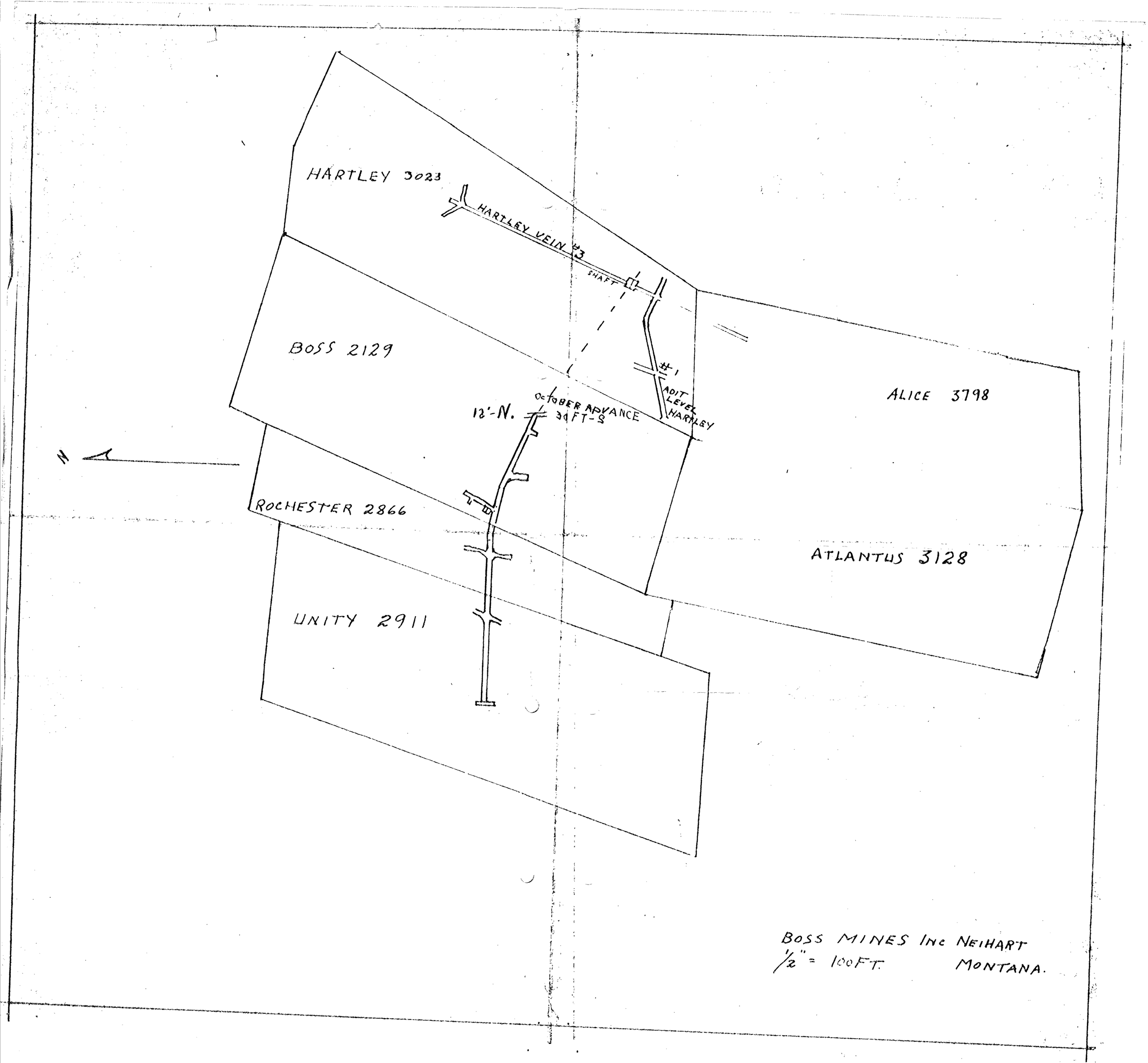
SAMPLE NUMBER	SAMPLE WIDTH	$Ag.O_3S$	Pb%	Zn%
SAMPLE No. 1	5.0'	3.1	2.4	33

BASE REBER APRIL 1920. CLAIM OUTLINES HARTLEY, ATLANTUS ADIT, UPPER ROCHESTER ADIT QUINLAN U., PUFFETT, W. TRENCHES AND LOWER ROCHESTER ADIT. BRUNTON AND TAPE TRAVERSE, TIED INTO UPPER ROCHESTER ADIT.

MAP SHOWING VEINS, WORKING AND PROPOSED EXPLORATION PROGRAM
BOSS AND ATLANTUS CLAIMS AND VICINITY
SECTION 29 T. 14 N. R. 8 E. CASCADE COUNTY MONTANA

200 100 0 200 400 600 FEET

Docket No. DMEA-3540


HARTLEY 3023
HARTLEY VEIN #3
SHAFT
BOSS 2129
#1
ADIT LEVEL HARTLEY
ALICE 3798
OCTOBER ADVANCE
12'-N.
30 FT-S
N
ROCHESTER 2866
ATLANTUS 3128
UNITY 2911
BOSS MINES Inc NEIHART
1/2" = 100FT.
MONTANA.