OFFICE OF MINERALS EXPLORATION

REGION III

Statement in Lieu of Interim Report
of Certified Project

Reporting Period January 1, 1959 to March 2, 1960

Docket and Contract Number DMA-110, I-DMA-E2 (Lead-zinc)

Operator Callahan Zinc Lead Company (Assignor), Pinnacle Exploration Inc. (Assignee) -- (Akron & Morning Star Mines), Gunnison County, Colorado

The project has been inactive during the reporting period [x]

Pertinent data relative to the subject contract has remained unchanged since the last report [ ]

Remarks:

The assignee reported that there was no production from the property during the reporting period.

Signed T M Romslo
T. M. Romslo

Date March 16, 1960

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

224 New Customhouse
Denver 2, Colorado

February 2, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 5 1959

DATE	INITIALS	CODE
2/5/59	N. G.	225
2/6	JH	110
2/6	EEF	800
2/4	WDS.	500

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Certified projects inactive during reporting period, July 1, 1958 to December 31, 1958

Enclosed is a list of certified projects whose status has not changed since the previous semiannual report.

J. W. Townsend

Enclosure
HMC/ff

cc: Harshman
Buel
SAR File E2, E15, E35, E29, E309, E448, E509
Chron.

OME
DEPARTMENT OF THE INTERIOR
JAN 30 1959
REGION III
DENVER, COLORADO

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period July 1, 1958 - December 31, 1958
Docket and Contract Number
Operator

The project has been inactive during the reporting period [x]

Pertinent data relative to the subject contract has remained unchanged since the last report [ ]

Remarks:

Contract	Docket	Name	Commodity
E2	110	Callahan Zinc Lead Co., Inc.	Lead-Zinc
E15	434	Lead Carbonate Mines, Inc.	Lead-Zinc
E35	1050	Utze Lode Company	Lead-Zinc
E29	606	U. S. Metals Corp.	Lead-Zinc
E309	1870	U. S. Metals Corp.	Lead-Zinc
E448	2280	Utze Lode Company	Lead-Zinc
E509	2160	Lisbon Valley Uranium Corp.	Lead-Zinc

Signed Edward W. Buel
Edward W. Buel

Date January 28, 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

224 New Customhouse
Denver 2, Colorado
October 15, 1958

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O. M. E.
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DATE | INITIALS | CODE
10/20 | C | 220
" | FJ | 110
" | 6FJ | 800
225

Memorandum

To: Chairman, Operating Committee, OME

From: Acting Executive Officer, OME Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1 to June 30, 1958

Docket No. DMEA 110 (Lead-Zinc) Contract Idm-E2, Callahan Zinc Lead Co., Inc. (White Pine mine) Gunnison County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

E. N. Harshman

E. N. Harshman

Enclosures

DMEA
DEPARTMENT OF THE INTERIOR
SEP 17 1958
REGION III
DENVER, COLORADO

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period	January 1 to June 30, 1958
Docket and Contract Number	DMEA Docket 110, Contract Idm-E2
Operator	Callahan Zinc Lead Co., Inc. (White Pine Mine)

The project has been inactive during the reporting period ☐

Pertinent data relative to the subject contract has remained unchanged since the last report ☒

Remarks:

A geophysical survey was begun in June. The results of the survey are not known. No other work was conducted.

Signed E. W. Buel
E. W. Buel

Date Sept. 12, 1958

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

March 8, 1958

Memorandum

To: Wingfield Chamberlain, Statistics Branch
Division of Operation Contract and Statistics

From: Director, Division of Base Metals

Subject: Report of Semi-Annual Reports of Certified Projects for the Period July 1, 1957 thru December 31, 1957.

The following projects were inactive during the cited period.

Docket No.	Contract No.	Name
DMEA-66	Idm-E404	Ely Valley Mines Company
DMEA-110	Idm-E2	Callahan Zinc Lead Company, Inc.
DMEA-270	Idm-E261	Montana Mining & Development Co.
DMEA-371	Idm-E67	Peru Mining Company
DMEA-420	Idm-E10	Bristol Silver Mines Company
DMEA-487	Idm-E26	Silver Bay Mines, Inc.
DMEA-606	Idm-E29	U. S. Metals Corporation
DMEA-1203	Idm-E14	Piquette Mining & Milling Company
DMEA-1219	Idm-E187	The Glidden Company
DMEA-1243	Idm-E86	Bachelor Development Company
DMEA-1303	Idm-E371	Yuma Metals, Inc.
DMEA-1315	Idm-E178	J. E. and Lulu Miller
DMEA-1325	Idm-E237	U. S. Smelting, Refining & Mining Co.
DMEA-1525	Idm-E84	Moreno Uranium Corporation
DMEA-1560	Idm-E42	Dodgeville Mining Company
DMEA-1561	Idm-E167	Dodgeville Mining Company
DMEA-1801	Idm-E315	Reed and Reed
DMEA-1870	Idm-E309	U. S. Metals Corporation
DMEA-1948	Idm-E302	United Minerals Corporation
DMEA-1949	Idm-E322	United Minerals Corporation

W. R. Griswold

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

February 19, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 21 1958
DATE
2/21 C 220
Com 100
2 24 688 110
800
225

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1957 to December 31, 1957

DMEA Docket 110 (Lead-Zinc)
Contract Idm-E 2, Callahan Zinc Lead Co., Inc. (Akron and Morning Star mines) Gunnison County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

W H King
Executive Officer, DMEA
Field Team, Region III

Enclosures

cc: Semiannual Report File E 2
Harshman
DMEA, DFC - 2
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
FEB 10 1958
REGION III
DENVER, COLORADO

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period July 1, 1957, to December 31, 1957
Docket and Contract Number DMA 110 Idm-E2.
Operator Callahan Zinc Lead Co., Inc. (Akron and Morning Star mines)
Gunnison County, Colorado

The project has been inactive during the reporting period ☐

Pertinent data relative to the subject contract has remained unchanged since the last report ☒

Remarks:

The operator conducted a geophysical survey from July to September. The results of the survey are not known.

Signed Edward W. Buel
Edward W. Buel

Date February 6, 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 30 1957

DATE	INITIALS	CODE
9-30	C	220
"	COMM	100

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1957 through June 30, 1957
DMEA Docket 110 (Lead-Zinc)
Contract Idm-E 2, Callahan Zinc-Lead Co., Inc. (Akron and Morning Star Mine), Gunnison County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

JW Townsend

Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures
MHM/vj

cc: Semiannual Report File E 2
DMEA/DFC (2)
Harshman
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
SEP 23 1957
REGION III
DENVER, COLORADO

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period	January 1, 1957 to June 30, 1957
Docket and Contract Number	DMA 110, Idm-E2
Operator	Callahan Zinc-Lead Co., Inc. (Akron and Morning Star mine)

The project has been inactive during the reporting period [X]

Pertinent data relative to the subject contract has remained unchanged since the last report [ ]

Remarks:

A crew headed by Dr. M. Leroy Jensen, a geologist from Yale University, is doing geophysical work in the area for Callahan Zinc-Lead Co. The assessment work is being done, but no production has been made.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 30 1957

DATE		CODE

Signed W. J. Tesch Jr.

Date

W. J. Tesch, Jr.

Sept. 9, 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

Date: February 18, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1956 through December 31, 1956
DMEA Docket 110 (Lead-Zinc)
Contract Idm-E 2, Callahan Zinc-Lead Co., Inc.
(Akron and Morning Star Mine), Gunnison County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, ~~and~~ Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

W. M. Traver

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

Enclosures

MHM/vj
cc: Semiannual Report File E 2
J. F. Shaw (2)
Harshman
Chron.

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 20 1957

DATE	INITIALS	CODE
2/25	C	220

DMEA, REGION III

DMEA
DEPARTMENT OF THE INTERIOR
FEB 14 1957
REGION III
DENVER, COLORADO

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period July 1, 1956 to December 31, 1956
Docket and Contract Number DMA 110, Idm-E2
Operator Callahan Zinc-Lead Co., Inc. (Akron and Morning Star mine)

The project has been inactive during the reporting period [X]

Pertinent data relative to the subject contract has remained unchanged since the last report [ ]

Remarks:

None

OFFICIAL FILE COPY
D.M.E.A.
RECEIVED FEB 20 1957

DATE	INITIALS	CODE

Signed Edward W. Buel

Edward W. Buel

Date January 30, 1957

RECEIVED
SEP 24 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

Date: September 19, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1956 through June 30, 1956
DMEA Docket 110 (Lead-Zinc)
Contract Idm-E 2, Callahan Zinc-Lead Co., Inc.
(Akron & Morning Star Mine), Gunnison County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, ~~and~~ Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

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

Enclosures
MHM/vj
cc: Semiannual Report File E 2
J. F. Shaw (2)
E. N. Harshman
Chron.

RECEIVED
SEP 24 1956
DMEA
DEPARTMENT OF THE INTERIOR
SEP 10 1956
REGION III
DENVER, COLORADO

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period Jan. 1, 1956 to June 30, 1956
Docket and Contract Number DMA 110, Contract Idm-E2
Operator Callahan Zinc-Lead Company

	"X" one
The project has been inactive during the reporting period	x
Pertinent data relative to the subject contract has remained unchanged since the last report	x

Remarks:

The mine has been shut down since Sept. 10, 1953. Underground workings are badly caved and the project area is completely inaccessible. The haulage crosscut is the only part of the mine being maintained. James Dunn, superintendent, was contacted at Gunnison, Colo. There are no plans for future operation.

C. M. Harrer

Signed C. M. Harrer

Date Sept. 5, 1956

110

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date 6-1

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mrs. Johnson~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files
5. _____ Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. Inactive —
2. no maintenance
3.
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

C

RECEIVED
JUN - 1 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

Date: May 29, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: ~~Semiannual~~ Annual Report of Certified Project for the period January 1, 1955 through December 31, 1955
DMEA Docket 110 (Lead-Zinc)
Contract Idm-E 2 Callahan Zinc-Lead Company
(Akron and Morning Star mine), Gunnison County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office and Memorandum 29.

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

Enclosures
MHM/vj
cc: Semiannual Report File E 2
J. F. Shaw (2)
E. N. Harshman
Chron.

Semi-Annual Report of Certified Projects

RECEIVED
JUN - 1 1956
DMEA
Date Rec'd.
MAY 23 1956
BUREAU OF MINES
Denver, Colorado

Reporting Period January 1 to December 31, 1955

Docket and Contract Number DMA 110, Contract Idma-#E2

Operator Callahan Zinc - Lead Company

Commodity Lead-zinc

Mine Name Akron and Morning Star

County and State Gunnison County, Colorado

Date of Contract August 12, 1952

Date of Certification May 4, 1955

Expiration Date of Royalty Payments August 12, 1963

Date of Examination for this Report May 2, 1956

Total Amount of Contract $171,988.08

Total Expenditures under Contract $148,051.22

Amount of Government Participation at 50 % $74,025.61

Royalty Payments this Period None

Previous Royalty Payments None

Total Royalty Payments to Date None

% Loan Repayment Completed None

Amount of Royalty Due None

Royalty Remarks None

Original Estimate of Reserves (from Final Engr. Geol. Report): There is no basis on which to calculate any ore reserves on the property subordinated.

Increase of Reserves by work performed subsequent to expiration or termination of contract: none

Revised Estimate of Reserves: none

Production this Period (Ore or Concentrates) None

Amount of Previous Production (since date of contract) none

Total DMEA Production to date none

% of Revised Reserves Mined none

Production Remarks: Mine is shut down and caving badly.

Note: On Uranium projects check with AEC to assure that our records are in agreement with theirs.

Other Remarks: The mine has been shut down since Sept. 10, 1953. The only production was from mill cleanup in 1955. This cleanup resulted in 23.860 tons of concentrates not subject to DMEA royalty. Underground workings are caving badly. All areas are caved with the exception of the haulage adit.

Signed C. M. Harrer (Engineer)
C. M. Harrer

Form DMF-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 Final Report, 195 Docket No. DMEA 110 Contract No. Idm-E2
Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc
Address Whitepine, Colorado
Contract Amount, $54,917.00 Government Participation: 50 % Amount, $27,458.50

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:						
~~Drifting~~ Raising		14,866.50	14,866.50			
Bulldozing						
Crosscutting						
Drifting		11,475.00	11,475.00			
Rep. & Maint.-Akron Level		5,000.00	5,000.00			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Miscellaneous		382.09	382.09			
(8) Contingencies (specify):						
Audit difference		(2,538.61)	(2,538.61)			
TOTALS		148,451.22	148,451.22	OK		

1/3/56 WPK

RECEIVED 1956 D.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 9/29/54 *Payee Callahan Zinc-Lead Company
Per E. G. Lola Title Treasurer

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

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

Work Completed prior to August 12, 1952

Month of Final Report 195.... Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.			77,940.59	1474			
Crosscutting	ft.			14,412.69	416			
Raising	ft.			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation	ft.			19,937.77				
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 9/29/54 Operator Callahan Zinc-Lead Company

Per E. G. Lalo Title Treasurer

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

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

RECEIVED NOV 23 1956 DMEA

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

Month of Final Report 195 Docket No. DMEA 110 Contract No. Idm-E2
Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc
Address Whitepine, Colorado

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.			11,475.00	229 1/2	50.00	745 *	50.00
Crosscutting								
Raising	ft.			14,866.50	280 1/2	53.00	239 *	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repairs and Maintenance Akron Level	Mo.			5,000.00	8	625	8	625
TOTAL DISTRIBUTED COSTS				31,341.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				31,341.50				54,917.00

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 9/29/54 Operator Callahan Zinc-Lead Company

Per E. G. Lake Title Treasurer

REMARKS: * Adjusted by amendment

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

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

224 New Customhouse
Denver 2, Colorado

December 22, 1955

~~Gerald~~
Klugescheid
Betty

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-110 (Lead-Zinc) Contract Idm-E2 (Amended), Callahan Zinc-Lead Company, Akron Mine, Gunnison County, Colorado - FINAL PAYMENT

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for each of the months August and September, 1953.

One copy of Form MF-104A, Operator's and Engineer's reports and progress maps for each month were forwarded to you by our memorandum of October 4, 1954.

Final payment to the Operator has been made as indicated by the attached material.

E. N. Harshman

E. N. Harshman

Enclosures

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: Dec. 15, 1955
Payee's Reference: Final Payment

Callahan Zinc-Lead Co.
100 Park Avenue
New York, New York

Gentlemen:

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed	$ 3,471.50
Difference	$
Amount Approved	$ * 3,471.50

The reason for the difference was due to:

* $200.00 deducted to cover equipment settlement.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

for Randell R Cooper
N. E. Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

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

ADMINISTRATIVE
BUREAU OF MINES
DENVER, CO

224 New Customhouse
Denver 2, Colorado

December 12, 1955

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-110 (Lead-Zinc), Contract Idm-E2 (Amended), Callahan Zinc-Lead Company, Akron Mine, Gunnison County, Colorado - Operators Monthly Progress Reports and Vouchers for the months of August and September, 1953. FINAL PAYMENT

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above two periods which have been combined to form a single report. Also attached to each set of the combined report are data relative to the liquidation of the Government's interest in property acquired under the contract.

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. Final payment is recommended as follows, which is in conformance with the Interum Audit Report and Certificate dated September 3, 1953, released to this office September 14, 1955, and subsequent Report of Review dated December 2, 1955 and released to this office on December 9, 1955.

Basis for Final Payment

Total cost as billed by Operator		$148,451.22
Audit disallowances	0.00	
Proceeds from property disposition	400.00	
Total deductions		400.00
Net cost of project		$148,051.22

Government participation at 50 percent - - - - - - - - - - - - -	74,025.61
Total prior payments -	72,489.86
Balance due the Operator -	$1,535.75

Reconciliation with attached MF-104 Reports

Operator's claim for August, 1953, Gross amount - - - - - -		$2,544.00
Operator's claim for September, 1953, Gross amount - - - -		927.50
Gross amount of Operator's "Final" claims - - - - - - - -		3,471.50
Audit disallowances - - - - - - - - - - -	None	
Liquidation of Property Settlement - -	$400.00	
Total deductions -		400.00
Adjusted gross -		$3,071.50
Government participation at 50 percent - - - - - - - - - - - -		$1,535.75
Mill adjustment -		0.00
Balance due the Operator -		$1,535.75

Note: Payment was deferred pending liquidation of the jointly-owned property.

E. N. Harshman

E. N. Harshman

Enclosures
JDC:jy
cc: MF-104 File E2
Sec. Op. Comm. (2)
Shaw (2)
Townsend w/copy engr's. report
Chron.

224 New Customhouse
Denver 2, Colorado

December 2, 1955

Mr. J. E. Dunn, General Superintendent
Callahan Zinc-Lead Company, Inc.
100 Park Avenue
New York 17, N. Y.

Re: Docket DMEA 118 (Lead-Zinc)
Amended Contract 1dm-32

Dear Mr. Dunn:

Consistent with the authority delegated to this office under Order No. 2684 from the Office of the Secretary, Department of the Interior, the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, does hereby accept your bid, dated July 18, 1955, in the amount of $200.00, for the Government's interest in the unexpended portion of materials and supplies acquired under Contract 1dm-32.

The sum of $400.00, reflecting both yours and the Government's interest in the property liquidation, will be deducted from the gross amount of claims by you held pending in this office for reimbursement under the terms of the contract, thereby automatically making a deduction from monies due you of the amount of $200.00 due the Government in the transaction.

Very truly yours,

E. N. Harshman

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

JHF:pri
cc: DF-104 file (5)
Harshman
Shaw
Bunding
Beaumont
Surrys. file
Sheron.

DMEA
Date Rec'd
NOV 30 1955
BUREAU OF MINES
Denver, Colorado

Building 20
Denver Federal Center
Denver 2, Colorado
November 30, 1955

Region III

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: C. M. Harrer

Subject: Liquidation of materials, DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Co., Inc., Gunnison County, Colorado

According to the interim audit report dated September 14, 1953 and a letter to Callahan Zinc-Lead Co., Inc., dated May 17, 1955, pipe and track valued at $6,441.95, when new, is subject to liquidation.

The property was inspected on October 4, 1955. The main haulage level was accessible to within 600 feet of the start of the DMEA contract. At this point, the drift south is blocked by a fall of ground. In consequence, the condition or recoverability of inventoried pipe and track could not be ascertained. Other sections of caved ground undoubtedly exist since very heavy ground was encountered throughout most of the project.

It is believed that the pipe and track could not be recovered profitably and therefore has value only to Callahan Zinc-Lead Company.

It is therefore recommended that their bid of $200.00 be accepted.

C. M. Harrer
C. M. Harrer
Mining Engineer

CMH/mw
cc: 9
E. N. Harshman
I-DMA-E2
Chron.

DMEA
Date Rec'd.
JUL 19 1955
BUREAU OF MINES
Denver, Colorado

CALLAHAN ZINC-LEAD COMPANY, INC.
AKRON MINE
WHITEPINE, COLORADO

July 18, 1955

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

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

Re: Docket DMEA-110
Contract Idm-E2

Gentlemen:

With reference to Idm-E2 Exploration Project on which you have recently received a final engineering report, we note that in accordance with the government's records we have spent $ 6,441.95 for pipe and track which is partly owned by the government.

As noted in my final report, due to caved ground this is now inaccessible and recovery costs are greater than the new value of the supplies. With this fact in mind, we will offer $ 200.00 for the government's interest in the pipe and track.

I trust this will clear up the matter.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
General Superintendent

JED:lf

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

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

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

Month of August 1953 Docket No. DMEA 110 Contract No. Idm-E2
Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc
Address Whitepine, Colorado
Contract Amount, $ 54,917.00 Government Participation: 50 % Amount, $ 27,458.50

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:						
~~Drifting~~ Raising	2,544.00	11,395.00	13,939.00			
Bulldozing						
Crosscutting						
Drifting		11,475.00	11,475.00			
Rep.& Mt.-Akron Level		5,000.00	5,000.00			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Misc.		382.09	382.09			
(8) Contingencies (specify):						
Audit Differences		(2,538.61)	(2,538.61)			
TOTALS	2,544.00	144,979.72	147,523.72	2544.00	144,979.72	147,523.72

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

Date 9/4/53 *Payee Callahan Zinc-Lead Company

Per [signature] Title Ass't. Sup't.

*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:

$ 1272.00

Signature [signature]
(Authorized Certifying Officer)

Date 12/16/55 Vou. No. DMA-56-17
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-52 in accordance with the terms of the contract.

Signature [illegible] $1272.00 Title Mining Engineer Date Sept. 9, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Acting Executive Officer Date DEC 12 1955

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 83-38476

Form 10 A

United States Department of
the Interior
Defense Minerals Exploration Administration

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952 Docket No. 110 Contract No. Idm-E2

Operator's Name: Callahan Zinc-Lead Company
Whitepine, Colorado

Minerals: Lead & Zinc

Operation	Unit	Costs This Month	Units This Month	Costs to Date	Units To Date
Drifting	ft.			77,940.59	1474
Crosscutting	ft.			14,412.69	416
Raising	ft.			7,357.28	151
Rehabilitation	ft.			19,937.77	715
Total				119,648.33	

Date 9/4/53 Operator Callahan Zinc-Lead Company

Per James Flynn Title Asst. Supt.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED DEC 9 1953

Month of September, 1953 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

Contract Amount, $ 54,917.00 Government Participation: 50 % Amount, $ 27,458.50

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:						
~~Mining~~ Raising	927.50	13,939.00	14,866.50			
Bulldozing						
Crosscutting						
Drifting		11,475.00	11,475.00			
Rep. & Maint.-Akron		5,000.00	5,000.00			
(2) Labor and Supervision Level						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Misc.		382.09	382.09			
(8) Contingencies (specify):						
Audit Differences		(2,538.61)	(2,538.61)			
TOTALS	927.50	147,523.72	148,451.22	927.50	147,523.72	148,451.22

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

Date 10/2/53 *Payee Callahan Zinc-Lead Company

Per [signature] Title Ass't. Sup't.

*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:

$ 263.75

Signature RRC
(Authorized Certifying Officer)

Date 12-16-53 Vou. No. DMA-56-51

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E2 in accordance with the terms of the contract.

Signature M. H. Salsbury 463-75 Title Mining Engineer Date Oct. 12, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Acting Executive Officer Date DEC 12 1955

MONTHLY REPORT OF OPERATOR

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(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;

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(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.

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GPO 83-38476

CALLAHAN ZINC-LEAD COMPANY, INC.

OFFICE OF THE TREASURER

Division
Field

OCT 4 - 1954

BUREAU OF MINES
Denver, Colorado

September 29, 1954

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

Re: Docket DMEA 110 (Lead-Zinc)
Contract Idm-[illegible]

Dear Mr. King:

As we recently wrote to Mr. C. O. Mittendorf, Administrator Defense Minerals Exploration Administration, we do not deem it in the best interest of this Corporation to sign amendment No. 7 to the above mentioned contract. We are, therefore, enclosing final report of Operator's Monthly Report and Voucher and Operator's Unit Cost and Progress Report. The final Engineering Report will follow in due course.

Yours very truly,

CALLAHAN ZINC LEAD COMPANY, INC.

E. A. Salo

E. A. Salo
Treasurer

EAS:eam

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 Final Report, 195.. Docket No. DMEA ..... Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

Contract Amount, $54,917.00 Government Participation: 50 % Amount, $27,458.50

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:						
Raising		14,866.50	14,866.50			
Bulldozing						
Crosscutting						
Drifting		11,475.00	11,475.00			
Rep. & Maint.-Akron Level		5,000.00	5,000.00			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		[illegible]	[illegible]			
Sampling and Analysis						
Payroll Taxes		[illegible]	[illegible]			
Liability Insurance						
Miscellaneous		[illegible]	[illegible]			
(8) Contingencies (specify):						
Audit differences		[illegible]	[illegible]			
TOTALS		148,451.22	148,451.22			

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

Date 9/29/5[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:

$.....

Signature .....
(Authorized Certifying Officer)

Date ..... Vou. No. .....
(See other side)

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 Final Report 1954 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.			11,475.00	229 1/2	50.00	745 *	50.00
Crosscutting								
Raising	ft.			14,866.50	280 1/2	53.00	239 *	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repairs and Maintenance Mo.				5,000.00	8	625	8	625
Akron Level								
TOTAL DISTRIBUTED COSTS				31,341.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				31,341.50				54,917.00

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 9/29/54 Operator Callahan Zinc-Lead Company

Per E. A. Lake Title Treasurer

REMARKS: * Adjusted by amendment

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)

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

Work Completed prior to August 12, 1952

Month of Final Report 195 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.			77,940.59	1474			
Crosscutting	ft.			14,412.69	416			
Raising	ft.			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation	ft.			19,937.77				
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 9/29/54 Operator Callahan Zinc-Lead Company

Per [signature] Title Treasurer

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 13, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 Amended, (Lead-zinc), Callahan Zinc-Lead Company (Akron mine) Gunnison County, Colorado -- Progress report for September 1953

Enclosed are the original and four copies of the above progress report--forms MF-104 and two forms MF-104A with narrative, progress map--and the original and six copies of M. H. Salsbury's memorandum covering inspection of the underground progress and reporting forms. The project is operating under an amendment to the original contract prepared on the unit-cost, short form, MF-200A. Documentation is not required.

The inspecting engineer verifies the 17-1/2 feet raising advance mentioned in the operator's narrative and entered on the MF-104A form. An error of 1 foot in the entries of "Total to Date" on the MF-104A form carried since November 1952 is noted, otherwise the entries and extensions are correct.

Payment is recommended and certified on the MF-104 form of $463.75 or 50 percent of the total claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 4
E2
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 12, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. E. Salsbury

Subject: DMMA 110, Contract Idm-22 Amended, (Lead-zinc), Callahan Zinc-Lead Company (Akron mine) Gunnison County, Colorado -- Progress report for September 1953

Underground progress under the subject contract was inspected in company with J. E. Dunn, superintendent for the contractor on September 26, 1953. The progress measurement included all work accomplished in September, as work had been suspended temporarily the week after the last progress inspection on August 31, 1953.

The 2-3101 raise was completed and connected to the bottom level of the Morning Star winze. The final advance was made under difficult conditions in caving ground in the wall of the winze sump, and includes a station set on the bottom winze level.

The contractor claims payment for 17-1/2 feet of raising. This footage added to 229-1/2 feet claimed previously in the 2-3101 raise, for which payment has been approved, plus 32-1/2 feet in the 3301 raise, for which payment has been made, makes a total of 279-1/2 feet of raising, or 9-1/2 feet less than the maximum 289 feet of raising allowed under item 1(B), Amendment No. 4 to Amended Contract Idm-22.

The measurement made by the inspecting engineer in the 2-3101 raise, 247.35 feet, is 0.35 foot more than the total claimed by the contractor, including the claim for September, 1953.

Continuation of exploration was still awaiting an inspection by an official of the Callahan Zinc-Lead Company from the New York office. Dunn said he thought they would undoubtedly go ahead after they agree on a contract price for the work.

No mineralization was encountered in the work. The caved condition of the bottom Morning Star level prevented examination of the old workings.

At the time of the inspection, the contractors were removing equipment from the winze below the Akron level which was to be allowed to flood.

Monthly unit totals entered on forms MF-104 and MF-104A for September are correct, except that the total of raising to date on form MF-104A--280-1/2 feet--is 1 foot more than the footage approved. The 1 foot difference is an amount which was disapproved for payment in November 1952. The contractor has continued to carry the total as 1 foot more than the approved total.

All work was done in accordance with the terms of the contract.

Payment of $463.75, or 50 percent of the amount claimed in September 1953, $927.50, is approved.

M. H. Salsbury
Mining Engineer

MHS/kp

cc ✓6
22
Chron

October 2, 1953

Mr. W. M. Traver, Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing operator's monthly progress report for September, 1953 on Contract No. Idm-E2, Docket No. DMEA 110.

Raise advance totaled 17½ft., which completed the connection through to the lower shaft level in the Morning Star. This level away from the station is almost completely caved and is entirely inaccessible.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

Form MF-1
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

OCT - 7 '53

Month of September 1953 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.			11,475.00	229½	50.00	745*	50.00
Crosscutting								
Raising	ft.	927.50	17½	14,866.50	280½	53.00	239*	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rep. & Maint.-Akron Level	mo.			5,000.00	8	625.00	8	625.00
TOTAL DISTRIBUTED COSTS		927.50		31,341.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		927.50		31,341.50				54,917.00

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: * Adjusted by amendment

Date 10/2/53 Operator Callahan Zinc-Lead Company

Per R. James Thyne Title Ass't. Sup't.

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 83-38475

Form MF-10A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952
Month of ..... 195..... Docket No. DMEA 110 Contract No. Idm-E2
Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc
Address Whitepine, Colorado

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.			77,940.59	1474			
Crosscutting	ft.			14,412.69	416			
Raising	ft.			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation	ft.			19,937.77				
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 10/2/53 Operator Callahan Zinc-Lead Company

Per [signature] Title Ass't. Sup't.

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)

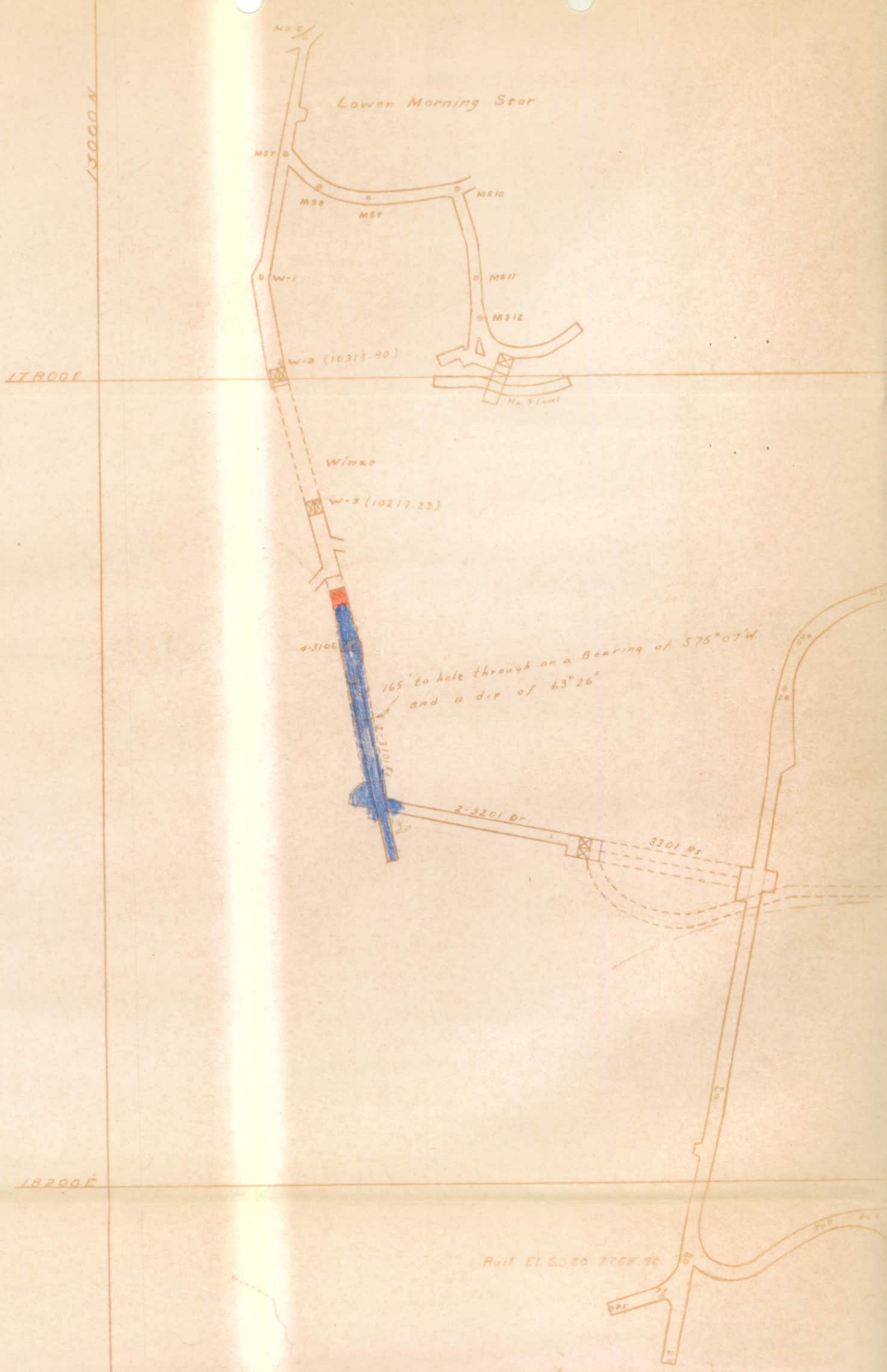
INSTRUCTIONS

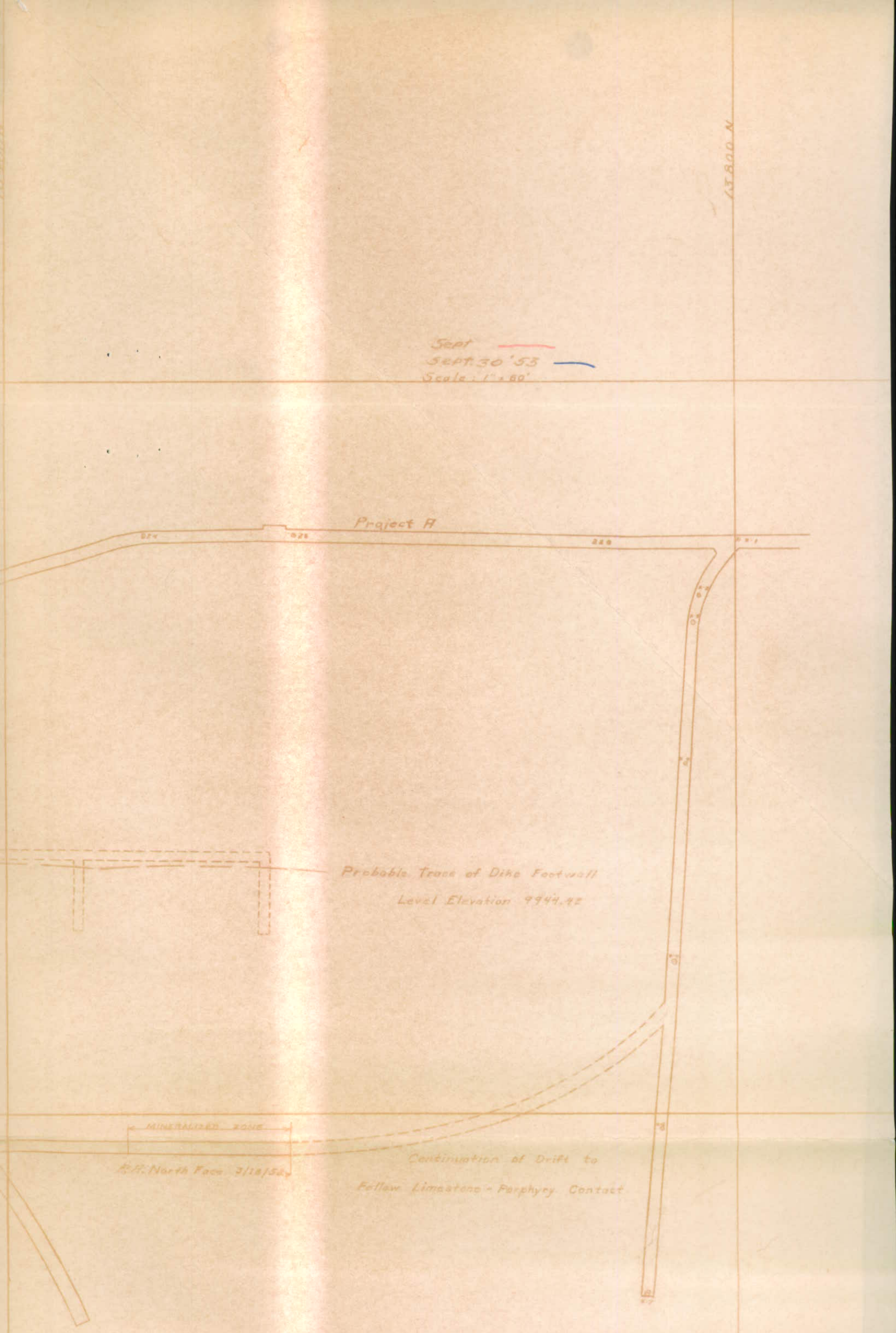
Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better 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 83-38475


13000 N
Lower Morning Star
MS7
MS8
MS9
MS10
MS11
MS12
W-1
W-2 (10313.40)
17800 E
Winze
W-3 (10217.23)
165' to hole through on a Bearing of S75°07'W
and a dip of 63°26'
2-3101 Dr
2-3201 Dr
3301 Rs
18200 E


Sept
Sept. 30 '53
Scale: 1" = 60'
Project A
Probable Trace of Dike Footwall
Level Elevation 9944.42
MINERALIZED ZONE
R.R. North Face 3/18/54
Continuation of Drift to
Follow Limestone - Porphyry Contact

LARGE FORMAT DOCUMENTS AT END OF FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 10, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 Amended, (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado -- Progress report for August 1953

Enclosed are the original and four copies of the above progress report--forms MF-104 and two forms MF-104A with narrative, progress map--and the original and six copies of M. H. Salsbury's memorandum covering inspection of the underground progress and reporting forms. The project is operating under an amendment to the original contract prepared on the unit-cost, short form, MF-200A. Documentation is not required.

Salsbury confirms and approves the 48 feet advance of the 2-3101 raise, reported by the operator in his narrative and entered on the reporting forms MF-104A. Entries and extensions on the reporting forms are correct. The inspector also discusses a rumored closing down of operations.

Payment is recommended and certified on the MF-104 form of $1,272.00, or 50 percent of the total $2,544.00 claimed by the contractor.

W. M. Traver

W. M. Traver

WMT/kp

enclosures

cc 4
E2 Amended
DMEA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 9, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 110, Contract Idm-52 Amended, (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado -- Progress report for August 1953

Underground progress on the subject contract was inspected August 31, 1953.

On the date of inspection, the 2-3101 raise was inaccessible for measurement. However, on August 24, the raise had been measured by a Bureau of Mines engineer and was up 68.5 feet above measuring point F in the sill of the 4-3102 crosscut, or 227.35 feet above the starting point of the raise. The contractor reports that one more round was put in the raise after July 24, bringing the total length to 229.5 feet or 2.15 feet more than the measurement of July 24. This figure was accepted by the engineer making the August 1953 inspection. The contractor claims payment for 48 feet of raising which is the difference between 229.5 feet and the 181.5 feet in the raise claimed previously. The 229.5 feet is 11.5 less than the 240 feet maximum of raising allowed under item 3, Exhibit A, Amendment No. 4 of the contract.

The contractor's crew was engaged in opening the connection between the Morning Star winze sump and the raise, working from above, because the pillar between the back of the raise and the winze sump caved leaving the ground in an unsafe condition to timber from below.

No crosscutting or drifting was done during August.

J. E. Dunn, superintendent for the contractor, expressed doubt as to his company's willingness to continue exploration under the contract and was expecting a decision after a visit from an official early in September.

No further repair and maintenance on the Akron level are allowable under the contract or were claimed in August.

No mineralization was encountered in the raise which was driven entirely in soft, wet porphyry.

In the opinion of the Bureau of Mines engineer, the work on the upper (+400 foot) sublevel, at least, should be continued to the position of the possible ore shoot as projected from the Morning Star workings above.

All work was done in accordance with the terms of the contract and amendments effective through June 25, 1953.

Monthly unit totals as entered on forms MF-104 and MF-104A for August 1953 are correct.

Payment of $1,272.00, or 50 percent of the amount claimed in August 1953, $2,544.00, is approved.

M. H. Salsbury
M. H. Salsbury
Mining Engineer

MHS/kp

cc✓6
E2 Amended
DMEA Chron

September 5, 1953

Mr. ... M. Traver, Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am inclosing operator's Monthly Progress Report for August, 1953 on Contract No. Idm-E2, Docket No. DMEA 110.

The diamond drill hole was completed into old work during the first week of the month. As a drainage project it was a failure as it proved impossible to keep it open. It was valuable in the sense that it definitly located the old level.

Raising was resumed August 10th and advanced 48 feet for the month. The face was near enough to old work so that it c ved through on the night of August 28th, draining all work in the Morning Star Shaft. Remaining work on completing the connection should ve finished the first week of September.

Very Truly Yours,

CALLAHAN ZINC-LEAD COMPANY

BY: J. E. Dunn

J. E. Dunn
Superintendent

JED/RJF
Encl.

Form MF-104A
(April 1952)

et Bureau No. 42-R1151
al expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.			11,475.00	229½	50.00	745 *	50.00
Crosscutting								
Raising	ft.	2,544.00	48	13,939.00	263	53.00	239 *	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rep.& Mt.-Akron Level	mo.			5,000.00	8	625.00	8	625.00
TOTAL DISTRIBUTED COSTS		2,544.00		30,414.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,544.00		30,414.00				54,917.00

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: * Adjusted by amendment

Date 9/4/53 Operator Callahan Zinc-Lead Company

Per [signature] Title Ass't. Sup't.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

September 24, 1953

Keating
Betty

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc-Lead Company (Akron Mine), Gunnison County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of July 1953, pertaining to Docket No. DMEA 110, Contract Idm-E2, Callahan Zinc-Lead Company (Akron Mine), Gunnison County, Colorado.

W. H. King
W. H. King

Enclosures

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1[illegible]
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952.

Month of _____ 195____ Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan zinc-Lead Company Minerals Lead & Zinc

Address Whitepine, Colorado

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.			77,940.59	1474			10/1/58 K
Crosscutting	ft.			14,412.69	416			
Raising	ft.			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation	ft.			19,937.77	715			
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 8/10/53 Operator Callahan Zinc-Lead Company

Per [signature] Title Asst. Supt.

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 83-38475

Form MF-104A
(April 1952)

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

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

Month of July 1953 Docket No. DMEA 110 Contract No. [illegible]
Operator's Name Gallatin Zinc-Lead Company Minerals Lead & Zinc
Address Chitepino, Colorado

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.	4,675.00	93	11,475.00	229	50.00	745*	50.00
Crosscutting								
Raising	ft.			11,395.00	215	53.00	230*	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair Office Room Bldg		52.00	1/12	2,000.00	8	250.00	6	250.00
TOTAL DISTRIBUTED COSTS		4,727.00		27,870.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		4,727.00		27,870.00				34,917.00

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: *adjusted by amendment.

Date 8/10/53 Operator Gallatin Zinc-Lead Company

Per James Glynn Title Cost. Supt.

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 83-38475

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1953 Docket No. DMEA 110 Contract No. [illegible]
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Bonanza, Colorado
Contract Amount, $ 54,917.00 Government Participation: 50 % Amount, $ 27,458.50

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:						
Zinc Raising		11,395.00	11,395.00			
Bulldozing						
Crosscutting						
Drifting	4,075.00	6,900.00	11,475.00			
Rep. & Mt. Mtrs. L.	52.00	4,907.92	5,000.00			
(2) Labor and Supervision:						
Labor		60,250.95	60,250.95			
Supervision		4,020.15	4,020.15			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,080.93	8,080.93			
Explosives		6,970.01	6,970.01			
Pipe		2,910.01	2,910.01			
Track		1,021.01	1,021.01			
Other		11,211.61	11,211.61			
Power		8,970.66	8,970.66			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,803.93	5,803.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,978.38	3,978.38			
Liability Insurance						
Misc.		382.09	382.09			
(8) Contingencies (specify):						
Audit Differences		(2,558.61)	(2,558.61)			
TOTALS	4,727.08	140,252.64	144,979.72	4,727.08	140,252.64	144,979.72

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

Date 8/10/53 *Payee Callahan Zinc-Lead Company

Per [signature] Title Acct. Supt.

*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:

$ 2363.54

Signature [signature]
(Authorized Certifying Officer)

Date 9/11/53 Vou. No. DMA 54-26

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-22 in accordance with the terms of the contract.

Signature C. M. Harrer #2363.54 Title Mining Engineer Date Aug 27, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date SEP 4 1953

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 83-38476

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

224 New Customhouse
Denver 2, Colorado

September 4, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc-Lead Company (Akron Mine), Gunnison County, Colorado. Operator's Monthly Progress Report for the period July, 1953.

Enclosed are the original and four copies of Form MF-104, and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	August 8, 1953.
Date Received in Field Office	August 17, 1953.
Date Received in Region Office	September 3, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 2, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMFA 110, Contract Idm-E2 Amen. (Lead-zinc), (Akron mine), Callahan Zinc-Lead Company, Gunnison County, Colorado - Progress report for July 1953

Transmitted herewith are the original and four copies of the subject progress report--forms MF-104 and MF-104A(2) with narrative and progress map--and the original and six copies of C. M. Harrer's memorandum covering inspection of the underground progress and accounting forms. Operations are being carried on under an amendment to the original contract prepared on a unit cost, short form. Documentation is not required.

The inspecting engineer confirms the progress of 93.5 feet of crosscutting on 4 level reported as drifting in the narrative and on the reporting form by the operator. Repairs and maintenance of the Akron level are charged as $52.08, completing the $5,000.00 allowed by the amendment for this work. No raising was done during the period. The arithmetic on the reporting forms is correct.

Payment is recommended and certified on the MF-104 form of $2,363.54, or 50 percent of the total $4,727.08 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 4
E2 Amen
DMFA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 27, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: C. M. Harrer

Subject: DMEA 110, Contract Ida-32 Amen. (lead-zinc), (Akron mine), Callahan Zinc-Lead Company, Gunnison County, Colorado - Progress report for July 1953

Underground progress was inspected on August 24, 1953, at which time the 2-3101 exploration raise was up 68.5 feet above measuring point F in the sill of the 4-3102 crosscut.

Progress during July was limited to the reported advance of 93.5 feet in the 4-3102 crosscut. The advance as reported by the operator in his narrative and form MF-104A was verified as correct. Expenditures for 93.5 feet of crosscut at $50.00 per foot total $4,675.00.

Repairs and maintenance on the Akron level for July amounted to $52.08.

All work was performed in accordance with the terms of the contract and amendments, and is recommended for approval at $4,727.08. Government participation of 50 percent is $2,363.54.

The hanging wall of the porphyry dike was penetrated about 89 feet east of the raise, in the 4-3102 crosscut. Apparently the dike was crossed at a swell, as it was about 85 feet thick at this horizon. Beyond the dike, the crosscut exposed a soft and sheared mixture of porphyry and limestone. No ore was encountered. At present there is no information available on which to base an estimate of ore reserves.

C. M. Harrer

C. M. Harrer,
Mining Engineer

CMH/kp

cc 6
32 Amen
DMEA Akron

August 12, 1953

Mr. W. H. Traver, Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing operator's monthly progress report for July, 1953 on Contract No. Idm-22, Docket No. DMSA-110.

The hanging wall crosscut on 4 level was advanced 93½ ft. to a total distance of 109½ ft. away from the raise cross section. The hanging wall of the porphyry dike was cut at about 89 ft. and the remainder of the distance driven was in fractured lime stone and granite. This is evidently the Morning Star vein and looks favorable to expected mineralization north along the fracture zone.

Our principal reason for driving this crosscut at the present time was to drain the old work above. The contact was dry, which was unexpected, as it has had water at three different points on the main level.

A diamond drill hole was started the last of July from the raise face to intersect the shaft. This is now completed and the shaft is draining.

I trust that this brings you up to date on progress of work here.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
General Superintendent

JED:lf
ENC.

COPY

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

August 17, 1953

Memorandum

Keating
Betty

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc-Lead Co., (Akron Mine), Gunnison County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of June, 1953, pertaining to DMEA Docket 110, Contract Idm-E2, Callahan Zinc-Lead Co., (Akron Mine), Gunnison County, Colorado.

W. H. King

W. H. King

Enclosures

GB

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

224 New Customhouse
Denver 2, Colorado

August 3, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc-Lead Co., (Akron Mine), Gunnison County, Colorado-Operator's Monthly Progress Report, for the period June, 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report----------July 8, 1953
Date Received in Field Office------July 13, 1953
Date Received in Region Office-----July 28, 1953
Date Processed for Payment---------July 31, 1953

W. H. King
W. H. King

Enclosures

RDB:es

cc: Contract
Sec. to the Oper. Comm. (2)
Chron.
Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
July 27, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Gallahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for June

Enclosed please find the original and four copies of the above progress report--forms MF-104 and MF-104A (two), with narrative and sketch map--and the original and six copies of M. H. Salsbury's memorandum covering inspection of the underground progress and reporting form entries. Operations are currently in progress under a supplemental amendment to the original contract providing for the work on a unit cost, and prepared on short form MF-200 (A). Documentation is not required.

Salsbury verifies the Akron level repair and maintenance work, 16 feet of drifting on the new 400-foot sublevel authorized by amendment number 5, and 61 feet raising in the 2-3101 raise, as reported in the narrative and entered on the MF-104A forms. Entries and extensions on the reporting forms were found correct.

Payment is approved and certified on the MF-104 form of $2,329.00, or 50 percent of the total $4,658.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/eb

cc: 5
E2
DMEA Chron.

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
July 27, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 110, Contract Idm-12 (Lead-zinc), Callahan Zinc-Lead Company (Akron Mine), Gunnison County, Colorado - Progress report for June

The subject underground progress was inspected July 22, 1953.

On the date of inspection the 2-3101 raise was up 181.85 feet above the floor of the 4200-foot sublevel. The contractor claims payment for 61 feet of raising in June, which is 0.35 foot less than the difference between 181.85 feet and the total of 120.5 feet claimed in the raise previously.

The face of the 4-3102 crosscut on the new 4400-foot sublevel was 84 feet from the edge of the 2-3101 raise. The contractor claims payment for 16 feet of crosscutting in June, which is 68 feet less than the measured distance. No footage on this level has been claimed previously.

Repair work on the Akron level was carried on during the month and $625.00 claimed for repair and maintenance in June.

All work was done in accordance with the terms of the contract and amendments effective through June 25, 1953.

The contact of porphyry and limestone, on which the projected ore shoot should occur, was cut in the 4-3102 raise at 84.0 feet from the 2-3101 raise, dipping eastward at the expected 40°. A fault slip just east of the contact brings in another type of rock which suggested granite but was not definitely established as such. No ore was encountered. The known ore shoot in the Morning Star workings above is north of the 4-3102 crosscut.

J. E. Dunn, superintendent for the contractor, made an inspection of the Morning Star winze and found the water level about 200 feet above the top of the 2-3101 raise, which lacks some 50 feet of connecting with the Morning Star winze sump. The raise is making considerable water. The back was bulkheaded and not open for inspection by the Bureau of Mines engineer, but Dunn states that the formation was very soft. He was reluctant to advance the raise any more without draining the water in the winze. He had hoped to encounter a fissure in the 4-3102 crosscut which would drain the winze, but this apparently is not likely. The alternative is to attempt to drain the winze through a diamond drill hole, which he intends to do.

Monthly unit totals, as entered on forms MF-104 and MF-104A for June 1953, are correct.

Payment of $2,329.00, or 50 percent of the amount which is claimed in June 1953, $4,658.00, is approved.

M. R. Salsbury
M. R. Salsbury
Mining Engineer

MRS/cb

cc: 6
E2
DMEA Chron.

July 8, 1963

Mr. W. M. Traver, Chief
Colorado Branch
Mining Division, Region IV
Room 187, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing operator's monthly progress report Docket No. DMEA-110, Contract No. Idm-82, for the month of June, 1963.

Advance in 2-3101 Raise totaled 61 ft. for the month. The raise cut the footwall contact of the Morning Star porphyry at 150 ft. above 2-3201 Drift. This is very soft and highly altered, which complicates the actual hole through to the water filled workings approximately 50 ft. above us.

We were advised that the contract amendment pertaining to drifting about 100 ft. below Morning Star work had been approved as of June 25th. We stopped raising immediately and started crosscutting at that elevation toward the hanging wall contact. This work is following the plan set up to explore the hanging wall contact for ore and we feel quite sure that an opening to this contact will drain the old work above allowing us to complete the connection without danger to personnel. Drifting for June totaled 16 ft.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
General Superintendent

JED:lf
ENC.

Form MF-194 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1953 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

Contract Amount, $ 54,917.00 171,988.08 Government Participation: 50 % Amount, $ 27,458.50

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:						
~~Drifting~~ Raising	3,233.00	8,162.00	11,395.00			
Bulldozing						
Crosscutting						
Drifting	800.00	6,000.00	6,800.00			
	625.00	4,322.92	4,947.92			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Misc.		382.09	382.09			
(8) Contingencies (specify):						171988.08
						140252.64
Audit Differences		(2,538.61)	(2,538.61)			31735.44
TOTALS	4,658.00	135,594.64	140,252.64	4,658.00	135,594.64	140,252.64

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

Date 7/8/53 *Payee Callahan Zinc-Lead Company

Per [signature] Title Ass't Sup't.

*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:

$ 2329.00

Signature [signature]
(Authorized Certifying Officer)

Date 8/10/53 Vou. No. DMA-54-13

(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. Idaho-E2 in accordance with the terms of the contract.

Signature M. K. Salsbury 2329 00 WMT Title Mining Engineer Date July 23, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R. DR.

Signature W. H. King Title Executive Officer Date AUG 3 1953

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 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1953 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.	800.00	16	6,800.00	136	50.00	745	50.00
Crosscutting								
Raising	ft.	3,233.00	61	11,395.00	215	53.00	239	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair & Maintenance Akron Level	mo.	625.00	1	4,947.92	7-11/12	625.00	8	625.00
TOTAL DISTRIBUTED COSTS		4,658.00		23,142.92				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		4,658.00		23,142.92				54,917.00

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 7/8/53 Operator Callahan Zinc-Lead Company

Per James O. Flynn Title Ass't. Sup't.

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 83-38475

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952

Month of ..... 195..... Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.			77,940.59	1474			
Crosscutting	ft.			14,412.69	416			
Raising	ft.			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation	ft.			19,937.77	715			
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
				119,648.33				
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 7/8/53 Operator Callahan Zinc-Lead Company

Per James Flynn Title Ass't. Sup't.

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 83-38475

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

July 3, 1953

Memorandum

Keating
~~Gracie~~
Betty

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 110, Contract Idm-E2 (Zinc-Lead), Callahan Zinc Lead Company (Akron Mine), Gunnison County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of May, 1953, pertaining to DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc Lead Company (Akron Mine), Gunnison County, Colorado.

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

June 29, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc Lead Company (Akron mine), Gunnison County, Colorado-Operator's Monthly Progress Report, for the period May, 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report----------June 2, 1953
Date Received in Field Office----------June 10, 1953
Date Received in Region Office----------June 25, 1953
Date Processed for Payment----------June 29, 1953

W. H. King
W. H. King

Enclosures

RDB:es

cc: Contract
Chron.
Sec. to the Oper. Comm. (2)
Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 24, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for May 1953

Submitted herewith are the original and four copies of the subject progress report--forms MF-104 and MF-104A, with narrative and sketch map--and the original and six copies of M. H. Salsbury's memorandum covering inspection of the underground progress. The contract is an ~~amendment on~~ an amended one on short form MF-200(A), and documentation is not required.

The operator reported work resumed under the contract May 11, 1953. Raise advance started May 18 resulted in the completion of 43 feet, which is correctly reported in the narrative and on the MF-104A form.

Salsbury certifies the recount on the MF-104 form for payment of $1,347.83, or 50 percent of the total $2,695.67 claimed. I approve.

Scott W. Hagen Jr
for W. M. Traver

enclosures

WMT/pam

cc 4
E2
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 24, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: RMEA 110, Contract Rm-82 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for May 1953

The subject underground progress was inspected June 15, 1953, in company with J. E. Dunn, superintendent for the contractor. Work was resumed under the contract on May 11, 1953.

On the date of inspection the 2-3101 raise was up 165.85 feet above the floor of the 4200-foot sublevel. The contractor claims payment for 43 feet of raising for May, which is 45.35 feet less than the difference between 165.85 feet and the total of 77-1/2 feet claimed in the raise previously. No ore was encountered in the work.

Repair work on the Akron level was carried on after May 11, 1953, a total of two-thirds month, and two-thirds of the amount allowed monthly is claimed.

The monthly unit totals, as entered on forms MF-104 and MF-104A for May 1953, are correct.

Payment of $1,347.84, or 50 percent of the amount which is claimed in May 1953, $2,695.67, is approved.

Scott W Hagend
for M. H. Salsbury
Mining Engineer

MHS/pam

cc
R2
RMEA Chron.

June 6, 1953

Mr. W. H. Traver, Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver, 14, Colorado

Dear Mr. Traver:

I am inclosing operator's Monthly Progress Report Docket No. DMEA-110, Contract No1dm-82, for the month of May, 1953.

Actual raise advance was started May 18th with 43 feet of raise completed prior to June 1.

The advance took the raise away from the contact zone noted previously and rock has been a very dense fine grained porphyry. No mineralization has been evident in the footage advanced.

We expect to complete the connection to the Morning Star Shaft before the end of July.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

By: J. B. Dunn

J. B. Dunn
General Superintendent

COPY

Form MF-194 (Rev.)
(April 1952)

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

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

Month of May, 1953 Docket No. DMEA 110 Contract No. Idm-F2
Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc
Address Whitepine, Colorado
Contract Amount, $ 54,917.00 Government Participation: 50% Amount, $ 27,458.50

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:						
Raising	2,279.00	5,883.00	8,162.00			7/13/53
Bulldozing						
Crosscutting						
Drifting	-	6,000.00	6,000.00			
Rep. Lt.-Akron Level	416.67	3,906.25	4,322.92			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Misc.		382.09	382.09			
(8) Contingencies (specify):						
Audit Differences		(2,538.61)	(2,538.61)			
TOTALS	2,695.67	132,898.97	135,594.64	2695.67	132,898.97	135,594.64

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

Date 6/2/53 *Payee Callahan Zinc-Lead Company

Per R. James Flynn Title Ass't. Sup't.

*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:

$1347.84

Signature (Authorized Certifying Officer)

Date 7/1/53 Vou. No. DMA 54-4

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E2 in accordance with the terms of the contract.

Signature M. H. Salsbury Title Mining Engineer Date June 16, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date JUN 29 1953

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 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1953 Docket No. DMEA 110 Contract No. Idm-52
Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc
Address Whitepine, Colorado

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.	-	-	6,000.00	120	50.00	745	50.00
Crosscutting								
Raising	ft.	2,279.00	43	8,162.00	154	53.00	239	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair & Maintenance	Mo.	416.67	2/3	4,322.92	6-11/12	625.00	8	625.00
Akron Level								
TOTAL DISTRIBUTED COSTS		2,695.67		18,484.92				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,695.67		18,484.92				54,917.00

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 6/2/53 Operator Callahan Zinc-Lead Company

Per R. James Lynn Title Ass't. Sup't.

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: Work started May 11, 1953.

(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 83-38475

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952

Month of ..... 195.... Docket No. DMEA 110 Contract No. Idm-22

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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.			77,940.69	1474			
Crosscutting	ft.			14,412.69	416			
Raising	ft.			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation	ft.			19,937.77	715			
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 6/2/53 Operator Callahan Zinc-Lead Company

Per James Flynn Title Ass't. Sup't.

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 83-38475

LARGE FORMAT DOCUMENTS AT END OF FILE

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

Keating
Knowles
Betty

224 New Customhouse
Denver 2, Colorado

June 8, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEAField Team, Region IV

Subject: MF-104, Docket DMEA 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc-Lead Company (Akron Mine), Gunnison County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of February, 1953, pertaining to DMEA Docket 110, Contract Idm-E2, Callahan Zinc-Lead Company, Akron Mine, Gunnison County, Colorado.

for John F. Shaw
E. H. King

Enclosures

ld

cc: Contract w/copy of MF-104
Traver w/copy of MF-104
Chron.

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

224 New Customhouse
Denver 2, Colorado

June 3, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc-Lead Company (Akron Mine), Gunnison County, Colorado. Operator's Monthly Progress Report for the period February 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	March 11, 1953.
Date Received in Field Office	March 13, 1953.
Date Received in Region Office	March 25, 1953.
Date Processed for Payment	June 3, 1953.

Shutdown February 7, 1953 due to low metal prices. Work resumed May 11, 1953.

Report held up in order to protect Government's equities in jointly-owned equipment, etc.

W. H. King
W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 24, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for February 1953

Enclosed please find the original and four copies of the above progress report--form MF-104 and two forms MF-104A, with narrative and map--and the original and six copies of M. H. Salsbury's memorandum covering inspection of the underground progress. The contract is short form MF-200 (A).

Underground progress is correctly reported in the narrative as 8-1/2 feet of raising, and it is assumed pro rata charge for Akron level maintenance will be approved. Entries on the reporting forms are made accordingly.

The operator's superintendent reported operations under the contract were recessed February 7, 1953.

Payment of $303.37, or 50 percent of the total $606.75 claimed by the contractor, is approved and certified on the MF-104 forms.

W. M. Traver

W. M. Traver

enclosures

WMT/cb

cc 4
E2
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 24, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for February 1953

The subject underground progress was inspected February 17, 1953, in company with J. E. Dunn, superintendent for the contractor. Dunn states that work was discontinued February 7, 1953.

On the date of inspection the 2-3101 raise was up 78 feet above the floor of the +200-foot sublevel. The contractor claims 8-1/2 feet of raising for February, which is 1/2-foot less than the difference between 78 feet and and the total of 69 feet claimed in this raise through January 1953.

Repair work on the Akron level had been carried on up until the work was discontinued, one-fourth month, and one-fourth of the amount allowed monthly is claimed.

The monthly unit totals, as entered on forms MF-104 and MF-104A for February 1953, are correct.

Payment of $303.38, or 50 percent of the amount which is claimed in February, $606.75, is approved.

for Scotta Hagen Jr
M. H. Salsbury
Mining Engineer

MHS/cb

cc 6
E2
DMEA Chron.

March 11, 1953

Mr. W. M. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am inclosing Operator's Monthly Progress Report Docket No. DMEA-110, Contract No. Idm-82, for the month of February, 1953.

Advance consisted of 8½ ft. of raising up to February 7th when work was discontinued.

The face continues in the contact zone showing fragments of limestone in the faulting.

The raise was bulk headed tightly and will stand for a time without attention.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

BY: J. E. Dunn

J. E. Dunn
General Superintendent

JED/rjf
encl.

COPY

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

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

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

Month of February 195[illegible] Docket No. DMEA 110 Contract No. [illegible]
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Ouray, Colorado
Contract Amount, $ 64,017.00 Government Participation: 50% Amount, $ 27,400.50

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	606.75	5,638.00	6,265.00			
Bulldozing						
Crosscutting						
Drifting		0,000.00	0,000.00			
[illegible]	1,258.20	8,700.00	9,958.20			
(2) Labor and Supervision:						
Labor		60,260.96	60,260.96			
Supervision		4,280.15	4,280.15			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		0,030.05	0,030.05			
Explosives		6,974.81	6,974.81			
Pipe		2,515.01	2,515.01			
Track		1,051.01	1,051.01			
Other		11,211.51	11,211.51			
Other		3,573.44	3,573.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		0,303.25	0,303.25			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,050.94	2,050.94			
Sampling and Analysis		3,979.38	3,979.38			
Payroll Taxes						
Liability Insurance		552.09	552.09			
[illegible]		(2,030.61)	(2,030.61)			
(8) Contingencies (specify):						
TOTALS	606.75	132,292.22	132,898.97	606.75	132,292.22	132,898.97

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

Date 3/1/53 *Payee Callahan Zinc-Lead Company

Per [illegible] Title Asst. Sec.

*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:

$ 303.37

Signature [illegible] (Authorized Certifying Officer)

Date 6-5-53 Vou. No. 53-144

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E2 in accordance with the terms of the contract.

Signature M. R. Halsbury $303 58 WMT Title Mining Engineer Date Mar. 18, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.N.B.

Signature W. H. King Title Executive Officer Date JUN 2 1953

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 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 3 195[illegible] Docket No. DMEA 110 Contract No. [illegible]
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Leadville, Colorado

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.	—	—	6,000.00	120	50.00	745	50.00
Crosscutting	ft.	400.0	8	5,553.00	111	53.00	239	53.00
Raising								6/18/53 K
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
[illegible]	ft.	100.25	3	3,006.25	6 3/4	625.00	8	625.00
Total Distributed Costs		500.75		15,759.25				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		500.75		15,759.25				54,517.00

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 3/21/53 Operator Callahan Zinc-Lead Company

Per [signature] Title Sec. Supt.

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: [illegible] February 7th.

(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 83-38475

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952

Month of ..... 195.... Docket No. DMEA 110 Contract No. 16-2

Operator's Name Calliham Zinc-Lead Company Minerals Lead & Zinc

Address Chiricino, Colorado

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.			77,040.60	1474			
Crosscutting	Ft.			14,412.60	416			
Raising	Ft.			7,357.20	161			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Equipment, Rehabilitation	Ft.			10,837.77				
Total Distributed Costs				110,648.23				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				110,640.35				

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 3/11/53 Operator Calliham Zinc-Lead Company

Per R. James Flynn Title Cost. Cont.

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 83-38475

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

June 8, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc Lead Company (Akron Mine), Gunnison County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of January, 1953, pertaining to DMEA Docket 110, Contract Idm-E2, Callahan Zinc Lead Company, Akron Mine, Gunnison County, Colorado.

for John F. Shaw
W. H. King

Enclosures

1d

cc: Contract w/copy of MF-104
Traver w/copy of MF-104
Chron.

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

224 New Customhouse
Denver 2, Colorado

June 3, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2 (Lead-Zinc), Callahan Zinc Lead Company (Akron Mine), Gunnison County, Colorado-Operator's Monthly Progress Report, for the period January, 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50% of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report----------February 5, 1953
Date Received in Field Office----------February 9, 1953
Date Received in Region Office----------February 25, 1953
Date Processed for Payment----------June 3, 1953

Shut down February 7, 1953 due to low metal prices.
Work resumed May 11, 1953.
Report held up in order to protect Government's equities in jointly-owned equipment, etc.

RDB:es

W. H. King
W. H. King

cc: Contract, Sec. to the Oper. Comm.(2)
Chron., Traver
Enclosures

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 20, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-32 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for January 1953

Please find enclosed five copies of the subject progress report--forms MF-104 and two forms MF-104A, with narrative--and seven copies of M. H. Salsbury's memorandum covering inspection of the underground progress. The contract is short form MF-200 (A).

Underground progress comprising 20 feet of drifting, 69 feet of raising, and the allowed amount of Akron level maintenance was verified by the inspector and approved. Entries on the report forms are correct, reflecting disallowances through December 1952.

Operations were recessed at the project effective February 3, 1953, due to low metal prices.

Payment of $2,640,00, or 50 percent of the total $5,282.00 claimed by the contractor, is approved.

W. M. Traver

W. M. Traver

enclosures

WMT/eb

cc 4
E2
DMEA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 20, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for January 1953

The subject underground progress was inspected February 17, 1953, in company with J. E. Dunn, superintendent for the contractor. Operation under this contract had been suspended February 5, 1953.

The +200 sublevel 2-3201 drift (called the +200 sublevel crosscut in the contract) was completed for a total length of 122 feet reported in the last inspection on January 27, 1953. The measurement was checked on February 11 and is corrected to 121 feet. This is one foot more than the total of 120 feet claimed by the contractor, made up of 20 feet claimed in January and 100 feet previously claimed. One hundred twenty feet is the amount allowed under item 2, Exhibit "A", stage II, of the subject contract.

The back of the 2-3101 raise was 78 feet above the floor of the + 200 foot sublevel. None of this had been claimed previous to January 1953 when the contractor claims 69 feet.

Repair work on the Akron level has been carried on intermittently.

The monthly unit totals and costs as entered on forms MF-104 and MF-104A for January are correct. Total disallowances of $2,538.61 through December 1952 are entered on the MF-104 form. This includes the most recent audit difference of $53.80, which was rendered on January 14, 1953.

Payment of $2,641.00 or 50 percent of the amount which is claimed in January, $5,282.00, is approved.

for Scott W. Hagen Jr.
M. H. Salsbury
Mining Engineer

MHS/cb

cc: 6, E2, DMEA Chron.

February 5, 1953

Mr. W. M. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing operator's monthly progress report, Docket No. DMEA 110, Contract No. Idm-E2, for the month of January, 1953.

Work consisted of 20 ft. of drift and 69 ft. of raise advance.

The work has continued in rhyolite porphyry, but the face is now in a contact zone showing considerable movement and fragments of limestone.

Minor mineralization consisting of high grade fragments of ore have also been found in the fault gouge.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

BY: J. E. Dunn

J. E. Dunn
General Superintendent

JED/rjf
Encl.
cc H. A. Salo

COPY

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

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

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

Month of January, 195[illegible] Docket No. DMEA 110 Contract No. [illegible]
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Platteville, Colorado
Contract Amount, $ [illegible] Government Participation: 50 % 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]	[illegible]	[illegible]	[illegible]			6/18/53 IL
Bulldozing						
Crosscutting						
Drifting	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]			
(2) Labor and Supervision:						
Labor		[illegible]	[illegible]			
Supervision		[illegible]	[illegible]			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		[illegible]	[illegible]			
Explosives		[illegible]	[illegible]			
Pipe		[illegible]	[illegible]			
Track		[illegible]	[illegible]			
[illegible]		[illegible]	[illegible]			
[illegible]		[illegible]	[illegible]			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		[illegible]	[illegible]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		[illegible]	[illegible]			
Sampling and Analysis						
Payroll Taxes		[illegible]	[illegible]			
Liability Insurance		[illegible]	[illegible]			
[illegible]		([illegible])	([illegible])			
(8) Contingencies (specify): [illegible]		([illegible])	([illegible])			
TOTALS	[illegible]	[illegible]	[illegible]	5282.00	127,010.22	132,292.22

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

Date [illegible] *Payee Callahan Zinc-Lead Company

Per R. James Flynn Title Asst. Supt.

*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:

$ 2641.00

Signature Alfred F. Olson
(Authorized Certifying Officer)

Date 6-5-53 Vou. No. 53-144

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E2 in accordance with the terms of the contract.

Signature M. H. Salsbury 2641 Title Mining Engineer Date Feb. 18, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.S.B.

Signature W. H. King Title Executive Officer Date JUN 3 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 195[illegible] Docket No. DMEA 110 Contract No. [illegible]
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Victorino, Colorado

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.	2,000.00	20	6,000.00	120	50.00	760	50.00
Crosscutting								
Raising	ft.	3,007.00	60	6,002.00	100	63.00	259	63.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair Costs (Brown Lumber)		620.00	1	2,750.00	0	620.00	0	620.00
Total Distributed Costs		9,200.00		16,102.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		9,200.00		16,102.50				64,037.00

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 2/5/53 Operator Callahan Zinc-Lead Company

Per R. James Thyson Title Asst. Supt.

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952

Month of ..... 195..... Docket No. DMEA 110 Contract No. 20-3

Operator's Name Callahan Mineral Company Minerals Lead & Zinc

Address Whitewine, Colorado

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.			77,940.00	1474			
Crosscutting	ft.			14,412.89	416			
Raising	ft.			7,557.20	101			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation	ft			10,857.77				
Total Distributed Costs				110,048.33				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				110,048.33				

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 2/6/53 Operator Callahan Mineral Company

Per James Lynn Title Asst. Supt.

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".

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GPO 83-38475

LARGE FORMAT DOCUMENTS AT END OF FILE

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

224 New Customhouse
Denver 2, Colorado

February 17, 1953.

Memorandum

To : Secretary to the Operating Committee

From : Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract Idm-E2, (Lead-Zinc) Callahan Lead Zinc Company (Akron Mine) Gunnison County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of December, 1952, pertaining to DMA Docket 110, Contract Idm-E2, (Lead-Zinc) Callahan Lead Zinc Company (Akron Mine) Gunnison County, Colorado.

W. H. King

W. H. King

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

February 6, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2, (Lead-Zinc) Callahan Lead Zinc Company (Akron Mine) Gunnison County, Colorado Operator's Monthly Progress Report for the period of December, 1952

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - January 9, 1953
Date Received in Field Office - January 12, 1953
Date Received in Region Office - February 5, 1953
Date Processed for Payment - February 6, 1953

W. H. King
W. H. King

Enclosures

RDB:oc

cc: Contract
Secretary to the Operating Committee (2)
WMTraver
Chron.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 4, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 (lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for December 1952

Please find enclosed five copies of the subject progress report--form MF-104 and two forms MF-104A, with narrative--and seven copies of M. H. Salsbury's memorandum covering inspection of the underground progress. The contract is short form MF-200 (A).

The drifting footage claimed, 81 feet, and the repair and maintenance of the Akron level for one month were found correct and are approved by the inspecting engineer.

Payment of $2,337.50, or 50 percent of the total $4,675.00 claimed by the contractor, is recommended.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/amh

cc: 4
E2
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 4, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 110, Contract Idm-E2 (lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for December 1952

The subject underground progress was inspected January 27, 1953, in company with Ralph Stitzer, engineer for the contractor.

On the above date, the +200 level 2-3201 drift (called the +200 sublevel crosscut in the contract) was completed for a total length of 122 feet, 2 feet more than called for under Item 2, Exhibit "A", stage II.

The back of the 2-3101 raise was 52.75 feet above the floor of the +200 sublevel.

Both of the above measurements were more than the amount claimed by the contractor in December 1952.

A sketch showing the measuring point for the 2-3101 raise is in the Mineral Resources Branch files, Building 20, Denver Federal Center.

The $53.00 deduction for the disallowance on the November report, shown on the audit report difference sheet dated January 14, will be shown on the contractor's January MF-104 report.

The contractor's New York office reports an error in the Government's favor in the total disallowances up to the end of November 1952. They were advised to communicate with the Region IV office in Denver.

Repair work on the Akron level was carried on intermittently.

Payment of $2,337.50, or 50 percent of the amount claimed in December, $4,675.00, is approved.

Scottie Hagen Jr
for M. H. Salsbury
Mining Engineer

MHS/amh
cc: 6, E2, DMEA Chron.

January 10, 1953

Mr. W. M. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing operator's monthly progress report, Docket No. DMEA 110, Contract No. IdmK2 for the month of December, 1952.

Drifting advanced 81 feet during the month. Excavation continued in blocky rhyolite porphyry that is difficult to drill and break but requires heavy timbering. This phase of drifting will be complete during the first week in January, with raise work started immediately.

Repair work on the lower section between the Akron and Morning Star Mines is being continued.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
General Superintendent

JED:lf
Enc.
cc: E. A. Salo

COPY

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

FEB 20 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December 2 195 Docket No. DMEA 110 Contract No. 1m-52
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Chitopino, Colorado
Contract Amount, $ 54,017.00 Government Participation: 50% Amount, $ 27,458.50

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						
Raising		1770.50	1,770.50			
Bulldozing						
Crosscutting	4,000.00	980.00	5,000.00			
Drifting	625.00	2,500.00	3,125.00			
No. 1 Repair Airon L.						
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.15	4,029.15			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,035.93	8,035.93			
Explosives		6,974.61	6,974.61			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.61	11,211.61			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,303.93	5,303.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,090.94	2,090.94			
Sampling and Analysis		3,979.38	3,979.38			
Payroll Taxes						
Liability Insurance		582.09	582.09			
(8) Contingencies (specify): Previous Deductions		(2,485.61)	(2,485.61)			
TOTALS	4,675.00	122,388.22	127,063.22	4675.00	122,388.22	127,063.22
					*-53.00	*-53.00
				4675.00	122,335.22	127,010.22

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

Date 1/30/53 *Payee Callahan Zinc-Lead Company

Per [signature] Title Asst. Supt.

*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:

$ 2337.50

Signature [signature]
(Authorized Certifying Officer)

Date 2/16/53 Vou. No. DMA 53-97

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E2 in accordance with the terms of the contract.

Signature M. H. Lakeburg $2337.50 Title Designing Engineer Date 1/30/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. Rung Title Executive Officer Date FEB 6 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 2 Docket No. DMEA 110 Contract No. Idm-E2
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Uhlvepine, Colorado

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.	4,050.00	81	5,000.00	100	50.00	745	50.00
Crosscutting								
Raising	ft.			1,775.50	33½	53.00	250	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair & Lt. Akron Lo.	mo.	625.00	1	3,125.00	5	625.00	0	625.00
Total Distributed Costs		4,675.00		9,900.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		4,675.00		9,900.50				64,917.00

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 1/9/53 Operator Callahan Zinc-Lead Company

Per R. James Flynn Title Asst. Supt.

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)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work Completed Prior to August 12, 1952

Month of _____ 195____ Docket No. DMEA 110 Contract No. DMe-22

Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc

Address Nitepine, Colorado

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.			77040.59	1474			
Crosscutting	ft.			14412.69	416			
Raising	ft.			7567.20	181			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation				10037.77				
TOTAL DISTRIBUTED COSTS				110,048.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS				110,048.33				

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 1/9/53 Operator Callahan Zinc-Lead Company

Per R. James Flynn Title Asst. Supt.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

Keating
Belly

January 20, 1953

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 110, Contract Idm-E2 (Lead-Zinc) Callahan Zinc Lead Co. (Akron Mine), Gunison County, Colo.

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Marrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of November, 1952, pertaining to DMEA Docket 110, Contract Idm-E2, Callahan Zinc Lead Co.

W. H. King
W. H. King

Enclosures

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION 1

Administrative Audit Difference Statement

Date: January 14, 1953
Royalty
Reference: Progress Report - November - 1952

Callahan Zinc Lead Co.
100 Park Avenue
New York 7, New York

Upon examination of the above Payor's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed	$2,078.50
Difference	$ 53.00
Amount Approved	$2,025.50

The reason for the difference was due to:

1 foot of raising shown on operator's report disallowed by Field Engineer.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV-B & P Form No. 4
(Rev. 12-1)

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

224 New Customhouse
Denver 2, Colorado

January 8, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2 (Lead-Zinc) Callahan Zinc Lead Co. (Akron Mine), Gunnison County, Colorado - Operator's Monthly Progress Report for the period of November 1952

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Disallowance of $53.00 as recommended by the Field Engineer is to be made on this report due to an error in measurement for Raising as reported by the Operator.

Remarks:

Date of Report	Dec. 10, 1952
Date Received in Colo. Br. Office	Dec. 15, 1952
Date Received in Region IV Office	Dec. 30, 1952
Date Processed for Payment	Jan. 8, 1953

W. H. King
W. H. King

Enclosures

RDB:jp
cc Sec. Oper. Committee (2)
WMTraver
Contract
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
December 29, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMMA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for November 1952

Please find enclosed the original and four copies of the subject progress report--forms MF-104 (revised) and two forms MF-104A, with narrative--and the original and six copies of M. H. Salsbury's memorandum covering inspection of the underground progress. The contract is on the short form MF-200 (A).

According to Salsbury's memorandum, total advance in the 3301 raise in September, October, and November measured 22.5 feet. Harrer checked the 10 feet claimed in August and, as of September 1, according to his measurements, the back of the raise was at 161 feet above the Akron tunnel track level. Thus, the contractor's claim is in error by 1 foot and, inasmuch as the September claim of 14 feet was allowed without inspection, it is assumed the error is in the November claim and $53.00 is disallowed for that month.

The drifting footage of 19 feet is correct.

Deducting $53.00 from the $2,078.50 claimed by the contractor leaves $2,025.50. Of this sum, 50 percent, or $1,012.75, is approved for payment.

The contractor should be notified that both the MF-104A forms which he submits for the next period, as well as the "Totals to Date" and "Totals Previously Reported" on the MF-104, should reflect disallowances made previously.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures
WMT/amh
cc: 4, AHKoschmann
E2, DMMA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
December 29, 1952

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. N. Salsbury

Subject: DMEA 110, Contract Idm-82 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County, Colorado - Progress report for November 1952

The subject underground progress was inspected December 17, 1952, in company with J. N. Dunn, superintendent for the contractor.

On the above date, the back of the completed 3301 raise was measured at 183.5 feet above the track level of the Akron tunnel. This is 1 foot less than the measurement used by the contractor in claiming payment for 9.5 feet of raise in November. Harrer's September 1 notation in the field folder places the back of the raise at 161 feet above the Akron tunnel track level. Thus, the total raise driven in September, October, and November was 22.5 feet according to my measurement instead of the 23.5 feet claimed.

The face of the 200-foot sublevel drift was 46 feet from the zero point on December 17. The zero point for measurements was established as the south side of the southwest corner post of the raise. The measurement of 46 feet is 27 feet more than the 19 feet of drift claimed by the contractor in November, which includes 5 feet excavated on the north side of the sublevel station.

A two-man crew has been engaged part time in repairs and maintenance of the Akron level, and were thus employed at the time of the inspection.

A fatal accident in the 3301 raise occurred at the end of the night shift December 1, 1952.

Payment of $1,012.75, or 50 percent of the amount which is claimed in November, $2,078.50, less $53.00 deducted for the 1 foot of raise disallowed, is approved.

M. N. Salsbury
M. N. Salsbury
Mining Engineer

MNS/amh
cc: 6 AHKoschmann
R2, DMEA Chron.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1952 Docket No. DMEA 110 Contract No. Idm-2
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Leadville, Colorado
Contract Amount, $ 54,017.00 Government Participation: 50 % Amount, $ 27,450.50

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 Raising	503.50	1,272.00	1,775.50	450.50	1,272.00	1,722.50
Crosscutting						
Drifting	950.00		950.00			
No. 6 Repair-Area 1	629.00	1,876.00	2,500.00			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.15	4,029.15			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.95	8,635.95			
Explosives		6,974.81	6,974.81			
Pipe		2,515.61	2,515.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		5,570.44	5,570.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		2,098.94	2,098.94			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes		3,070.30	3,070.30			
Liability Insurance						
Misc.		302.09	302.09			
(8) Contingencies (specify):						
				2,025.50	122,795.33	124,820.83
					**-2,485.61	**-2,485.61
TOTALS	2,070.50	122,795.33	124,875.83	2,025.50	120,309.72	122,335.22

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

Date 12/16/52 *Payee Callahan Zinc-Lead Company

Per James E. Flynn Title Cost. Cont.

*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:

$1012.75

Signature [illegible]
(Authorized Certifying Officer)

Date 1/14/53 Vou. No. DMA 53 81
(See other side)

* 1 ft. of raise disallowed by field inspector

** Previous disallowance

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-F2 in accordance with the terms of the contract.

Signature M. H. Salsbury 10 12 15 Wms Title Mining Engineer Date 12/19/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R. DB.

Signature W. H. King Title Executive Officer Date JAN 8 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1952 Docket No. DMEA 110 Contract No. Idm-E2
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Whitepine, Colorado

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.	950.00	19	950.00	19	50.00	745	50.00
Crosscutting								
Raising	ft.	503.50	9½	1,775.50	33½	53.00	239	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair & Mt. Akron I.	No.	625.00	1	2,500.00	4	625.00	8	625.00
TOTAL DISTRIBUTED COSTS		2,078.50		5,225.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,078.50		5,225.50				54,917.00

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 12/10/52 Operator Callahan Zinc-Lead Company

Per James Flynn Title Asst. Supt.

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 83-38475

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952
Month of _____ 195__ Docket No. DMEA 110 Contract No. Idm-52
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Whitepine, Colorado

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.			77,940.59	1474			
Crosscutting	ft.			14,412.69	416			
Raising	ft.			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation				19,937.77				
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 12/10/52 Operator Callahan Zinc-Lead Company

Per James Flynn Title Asst. Supt.

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 83-38475

December 10, 1952

Mr. W. M. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

Work was started advancing the face of 3301 Raise on November 17, 1952. Considerable repair work was necessary prior to actual advance.

The raise was advanced 9½ feet and drifting started. Drift advance totaled 19 ft.

All excavation was in a blocky rhyolite porphyry which was difficult to drill and has required timber.

The work was marred by a fatal accident, the first we have had at this property.

Operator's Monthly Progress Report covering Docket DMEA 110, Contract Idm-E2 for the month of November, is inclosed herewith.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
General Superintendent

JED:rjf
encl.
cc: E. A. Salo

COPY

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

December 10, 1952

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 110, Contract Idm-E2, Callahan Zinc Lead Company, Akron Mine, Gunnison County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of October 1952 pertaining to DMEA Docket 110, Contract Idm-E2, Callahan Zinc Lead Company.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

December 3, 1952

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract Idm-E2 (Lead-Zinc) Callahan Zinc Lead Company, Akron Mine, Gunnison County, Colo. - Operator's Monthly Progress Report for the period of October, 1952

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Each set of the 104 reports consists of one copy of form MF-104 showing total project costs through October 31, 1952 and two forms MF-104A, one showing costs on a cost incurred basis prior to August 13, 1952 and the other form MF-104A showing costs on a unit basis from August 13, 1952 through October 31, 1952.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

W. H. King
W. H. King

Enclosures

RDB:oc
cc: Contract
Secretary to the Operating Committee (2)
WMTraver
Chron.
AHKoschmann (2)

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 26, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County Colorado - Progress report for October 1952

Please find enclosed five copies of the above progress report--forms MF-104 (revised) and two forms MF-104A, with narrative--and seven copies of this memorandum covering the underground progress and accounts.

I had not anticipated a report for the current month, overlooking the possibility that the contractor might claim the $625.00 to which he is entitled if he so desires. No doubt, some repair work was done on the Akron main level as reported in the narrative but an inspection to determine the amount would not be worthwhile. As stated in the September memorandum, progress inspection for that and subsequent months will be made after the November progress report is received.

It is assumed the operator will prepare his next forms MF-104 to reflect the disallowance made on the August and September accounts.

I am certifying the October form MF-104 and approving payment of $312.50, or 50 percent of the total $625.00 claimed by the contractor.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

cc 6
AHKoschmann
E2
DMEA Chron.

November 18, 1952

Mr. W. H. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

The raise heading was not advanced during October, 1952.

Some repair work was done on the main level as indicated on the attached reports.

As of November 1st. all production at this operation was suspended. We are keeping a crew on Idm-E2, and with a definite plan of procedure will push this work as rapidly as possible.

Work in the heading was started again on November 12, 1952.

Yours truly,

CALLAHAN ZINC-LEAD COMPANY

BY: J. E. Dunn

J. E. Dunn
General Superintendent

COPY

Form MF-[illegible]04 (Rev.)
(April [illegible]52)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

Month of October, 195[illegible]2 Docket No. DMEA 110 Contract No. [illegible]1-5-1052
Operator's Name Callahan Zinc-Lead Company Minerals Lead & Zinc
Address Kellogg, Colorado
Contract Amount, $ 54,917.00 Government Participation: 50 % Amount, $ 27,458.50

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~~ Raising		1,272.00	1,272.00			
Drifting						
(2) Labor and Supervision:						
Lt. & Repair-Akron 1	625.00	1,250.00	1,875.00			
Labor		60,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs		5,363.93	5,363.93			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Miscellaneous		382.09	382.09			
(8) Contingencies (specify):						
				625.00	122,170.33	122,795.33
					*-2,485.61	2,485.61
TOTALS	625.00	122,170.33	122,795.33	625.00	119,684.72	120,309.72

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

Date 11/18/52 *Payee Callahan Zinc-Lead Company

Per [signature] Title Asst. Superintendent

*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:

$ 312.50

Signature [signature]
(Authorized Certifying Officer)

Date 12/8/52 Vou. DMA 53-68

(See other side)

* Previous Deductions

(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. [illegible] in accordance with the terms of the contract.

Signature W. M. Weaver, Jr. 312 50 Title Chief, P.&R. Br. Date 11/28/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.S.

Signature W. H. King Title Executive Officer Date 12/3/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-[illegible]A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 5 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 110 Contract No. Idm-12
Operator's Name Callahan Zinc-Lead Company Minerals lead-zinc
Address Whitepine, Colorado

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.			[illegible]	[illegible]		745	50.00
Crosscutting	ft.							
Raising	ft.			1,272.00	24	53.00	239	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair & Mt. Akron	Ea.	625.00	1	1,875.00	3	625.00	8	625.00
TOTAL DISTRIBUTED COSTS		625.00		3,147.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		625.00		3,147.00				54,917.00

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 11/18/52 Operator Callahan Zinc-Lead Company

Per James Flynn (Title Asst. Supt.

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 83-38475

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952
Month of ..... 195..... Docket No. DMEA 110 Contract No. 1Ds-D-2
Operator's Name Callahan Zinc-Lead Company Minerals lead - zinc
Address Whitepine, Colorado

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	feet			77,940.59	1474			
Crosscutting	feet			14,412.69	416			
Raising	feet			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitaion				19,937.77				
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 11/18/52 Operator Callahan Zinc-Lead Company

Per [signature] Title Asst. Superintendent

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REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

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

224 New Customhouse
Denver 2, Colorado

November 24, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

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

Subject; Form MF-104, DMA Docket 110, Contract Idm-E2 (Zinc-Lead)
Callahan Zinc-Lead Company, Gunnison County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and Form MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of August, 1952, pertaining to DMA Docket 110, Contract Idm-E2, Callahan Zinc-Lead Company.

W. H. King

W. H. King

Enclosures

November 21, 1952

Progress
Report - August 1952

Callahan Zinc-Lead Co.
100 Park Avenue
New York 7, New York

[illegible]

1,155.00
+ 6.48
-1,155.00

6.48

[illegible]

A portion of the disallowance stated in the Audit Report dated July 23, 1952.	-1,155.00
To correct deduction of payroll tax on previous voucher	+ 6.48

Note: See Administrative Audit Difference Statement for September.

[illegible]

Very sincerely yours

[illegible]
Audit Section

[illegible] Form No. 4

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

[illegible] New Customhouse
Denver 2, Colorado

November 17, 1952

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract I6m-E2 (Zinc-Lead) Callahan Zinc-Lead Company, Gunnison County, Colorado - Operator's Monthly Progress Report for the period of August, 1952

Enclosed are the original and four copies of Form MF-104, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report, except for the following deduction which will absorb the entire amount claimed by the Operator:

Deduction - A portion of the disallowances, stated in the Audit Report dated July 23, 1952, which is equal to the amount claimed by the operator on Form MF-104 - $1155.00

The balance of the disallowance stated in said Audit Report will be deducted from amounts reported for September, 1952.

Remarks - the deduction of the disallowances stated in the Audit Report, dated July 23, 1952, was delayed pending receipt of the Operator's first work reports on which to effect the deductions.

The Operator's Report in quintuplicate consists of one Form MF-104 and two Forms MF-104A. The latter forms show separately the work performed under Contract Forms MF-200 and MF-200A.

W. H. King
W. H. King

Enclosures
[illegible]
JWT:oc
cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Charon.
AHKoschmann (2)

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 13, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County Colorado - Progress report for August 1952

Please find enclosed five copies of the above progress report--form MF-104 (revised) and two forms MF-104A, with narrative--and seven copies of this memorandum covering the progress and accounts. The report has been prepared in accordance with instructions to the contractor in your letter of October 31, 1952, and a copy of his transmittal letter of November 6 is enclosed for your records.

The two copies of form MF-104A are for the period prior to and through August 12 and the period August 13 through August 31, 1952.

C. M. Harrer inspected underground operations on September 29, 1952, and confirms the 10 feet of progress claimed and that repair and maintenance work was performed on the Akron level.

I assume the report is now in order and I am certifying the form MF-104 and recommending payment of $577.50, or 50 percent of the total $1,155.00 claimed by the operator. This is identical with my recommendation on the original report.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/eb

cc 6
AHKoschmann
E2
DMEA Chron.

CALLAHAN ZINC-LEAD COMPANY, INC.
AKRON MINE
Whitepine, Colorado

November 6, 1952

Mr. W. M. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing five (5) complete copies of revised reports under Idm-E2 for both August and September, 1952.

These reports are prepared in accordance with the many letters of instruction from yourself and Mr. King and I hope they are at last in line with your requirements.

I wish to thank both you and Mr. King for your patience in returning these reports with explanations of what was required. I will endeavor to keep them in line with these instructions hereafter.

I note you have retained some portions of these reports at the time they were sent in originally. I have disregarded this fact and the enclosed reports are complete, including original narrative and maps with one form MF-104 and two Mf-104A.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

/s/ R. James Flynn

R. James Flynn
Ass't Superintendent

RJF:lf
enclosures

September 20, 1952

Mr. W. M. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Building 20, Room 137
Denver Federal Center
Denver, Colorado

Subject: I-DMA-E2

Dear Mr. Traver:

I am enclosing the Operators Monthly Progress report for I-DMA-E2.

Work was started late in the month but credits the project with 10 feet of raise for the month.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
General Superintendent

JED:de
Encl.

COPY

Form MF-404 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 110 Contract No. Idm-52
Operator's Name Callahan Zinc-Lead Company Minerals Lead - Zinc
Address Whitepine, Colorado
Contract Amount, $ 54,917.00 Government Participation: 50 % Amount, $ 27,453.50

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						
~~Drifting~~ Raising	530.00		530.00			
Drift Maintenance	625.00		625.00			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.51	11,211.51			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Miscellaneous		382.09	382.09			
(8) Contingencies (specify):						
				1,155.00	119,648.33	120,803.33
					* 166.70	-166.70
				* 6.48		6.48
TOTALS	1,155.00	119,648.33	120,803.33	*** 1155.00		*** 1,155.00
				6.48	119,481.63	119,488.11

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

Date 11/6/52 *Payee Callahan Zinc-Lead Company

Per R James Flynn Title Asst. Superintendent

*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:

$324

Signature [illegible]
(Authorized Certifying Officer)

Date 11/21/52 Vou. No. DMA 53-63
(See other side)

* Previous deductions
** To correct deductions of pay roll tax
*** A portion of the disallowances stated in the Audit Report dated 7/23/52

(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. DM-EY in accordance with the terms of the contract.

Signature W. M. Power, Jr. $577.50 Title Chief, Adv. Br. Date 11/13/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date 11/18/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

Department of the Interior
Defense Minerals Administration
NOV 3 0 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 13-31 195 2 Docket No. DMEA 110 Contract No. Idm-12
Operator's Name Callahan Zinc-Lead Company Minerals Lead - Zinc
Address Whitepine, Colorado

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.							
Crosscutting							745	50.00
Raising	feet	530.00	10	530.00	10	53.00	239	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drift Repair		625.00	1	625.00	1	625.00	8	625.00
TOTAL DISTRIBUTED COSTS		1,155.00		1,155.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,155.00		1,155.00				

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 11/7/52 Operator Callahan Zinc-Lead Company

Per [signature] Title Ass't Superintendent

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(Instructions on reverse)

(For Government use only)

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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".

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GPO 83-38475

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Not completed prior to 8/1/52

Month of August 1-12 1952 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead - Zinc

Address Whitepine, Colorado

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	feet			77,940.59	1474			
Crosscutting	feet			14,412.69	416			
Raising	feet			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation				19,937.77				
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 11/6/52 Operator Callahan Zinc-Lead Company

Per R. James Flynn Title Ass't Superintendent

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REMARKS:

(Instructions on reverse)

(For Government use only)

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GPO 83-38475

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

November 24, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract Idm-E2 (Zinc-Lead)
Callahan Zinc-Lead Company, Gunnison County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and Form MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of September, 1952, pertaining to DMA Docket 110, Contract Idm-E2, Callahan Zinc-Lead Company.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

November 24, 1952

Keeting
Betty

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract Idm-E2 (Zinc-Lead)
Callahan Zinc-Lead Company, Gunnison County, Colorado

Enclosed are two copies of the Operat r's Monthly Progress Report Form MF-104 and Form MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of September, 1952, pertaining to DMA Docket 110, Contract Idm-E2, Callahan Zinc-Lead Company.

W. H. King
W. H. King

Enclosures

WK

[illegible]
BUREAU OF MINES
REGION IV

[illegible] Audit Reference [illegible]

Date: November 21, 1952
Report [illegible]
Subject: Progress Report - September 1952

Callahan, Zinc, Lead Co.
100 Park Avenue
New York 7, N. Y.

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $1,367.00

Difference $1,170.39

Amount Approved $ 196.61

The reason for the difference was due to: Balance of disallowance stated in Audit Report as follows: Dated July 23, 1952:

Miscellaneous items charged in May, 1951 -	$22.47	
June, 1951 -	10.29	
July, 1951 -	33.24	
August, 1951 -	10.05	
October, 1951 -	13.54	
Total -	$	$89.59
Snowshed over waste dump - excluded by "Exhibit B" of the contract -		1,572.33
Repairs and maintenance of Employee's Living Quarters - excluded by "Exhibit B" of the contract -		663.47
Total Disallowances -		$2,325.39
Deducted from August, 1952 MF-104		1,155.00
Balance to be deducted from September, 1952 MF-104 Report		$1,170.39

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-W-B & F Form No. 4
[illegible]

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

224 New Customhouse
Denver 2, Colorado

November 17, 1952

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 110, Contract I6m-E2 (Zinc-Lead) Callahan Zinc-Lead Company, Gunnison County, Colorado - Operator's Monthly Progress Report for the period of September, 1952

Enclosed are the original and four copies of Form MF-104, Narrative Report, and Engineer's Report for the above period.

Work has been accomplished as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report, except for the following deductions:

Disallowance by Report of Audit dated July 23, 1952		
Miscellaneous items charged in May, 1951 -	$22.47	
June, 1951 -	10.29	
July, 1951 -	33.24	
August, 1951 -	10.05	
October, 1951 -	13.54	
Total -		$89.59
Snowshed over waste dump - excluded by "Exhibit B" of the contract -		1,572.33
Repairs and maintenance of Employee's Living Quarters - excluded by "Exhibit B" of the contract -		663.47
Total Disallowances -		$2,325.39
Deducted from August, 1952 MF-104		1,155.00
Balance to be deducted from September, 1952 MF-104 Report		$1,170.39

W. H. King
W. H. King

Enclosures

JWT:ec
cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver Chron. AHKoschmann (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 13, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMEA 110, Contract Idm-E2 (Lead-zinc), Callahan Zinc-Lead Company (Akron mine), Gunnison County Colorado - Progress report for September 1952

Please find enclosed five copies of the above progress report--form MF-104 (revised) and two forms MF-104A, with narrative--and seven copies of this memorandum covering the progress and accounts. The report has been prepared in accordance with instructions to the contractor in my letter of October 30, 1952, and a copy of his transmittal letter of November 6 is enclosed for your records.

The two copies of form MF-104A are for the period prior to and through August 12, and for the month of September 1952.

According to the operator's transmittal letter, work was resumed November 1 and we are assuming there will be no progress report for the month of October. For that reason, there appears to be no need to hold this report pending receipt of the one for November. Nor is there need for making a special inspection trip to check the 14 feet reported for September. The engineer will verify both the September and November progress when he makes the inspection for November.

I am certifying the September form MF-104 and recommending payment of $683.50, or 50 percent of the total $1,367.00 claimed by the contractor.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/cb

cc 6
AHKoschmann
E2
DMEA Chron.

CALLAHAN ZINC-LEAD COMPANY, INC.
AKRON MINE
Whitepine, Colorado

November 6, 1952

Mr. W. M. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing five (5) complete copies of revised reports under Idm-E2 for both August and September, 1952.

These reports are prepared in accordance with the many letters of instruction from yourself and Mr. King and I hope they are at last in line with your requirements.

I wish to thank both you and Mr. King for your patience in returning these reports with explanations of what was required. I will endeavor to keep them in line with these instructions hereafter.

I note you have retained some portions of these reports at the time they were sent in originally. I have disregarded this fact and the enclosed reports are complete, including original narrative and maps with one form MF-104 and two MF-104A.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

/s/ R. James Flynn

R. James Flynn
Ass't Superintendent

RJF:lf
enclosures

October 26, 1952

Mr. W. A. Traver, Jr., Chief
Colorado Branch
Mining Division, Region IV
Room 157, Building 20
Denver Federal Center
Denver 14, Colorado

Dear Mr. Traver:

I am enclosing the operators monthly progress report for September on Docket DMEA 110, Contract I-GMA-2.

The raise was advanced 14 feet early in the month and work was temporarily discontinued due to labor shortage. We expect to be able to start it again some time around November 1st, and from that time on, should be able to continue work without delay.

At present the face is in wet ground which is slabby and extremely dangerous.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn,
General Superintendent

JED:ds
Encl.
cc: Mr. E. W. Malo

COPY

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

DEPARTMENT OF THE [illegible]
Defense

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

[illegible] 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September 1952 Docket No. DMEA 110 Contract No. Idm-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead - Zinc

Address Whitepine, Colorado

Contract Amount, $54,017.00 Government Participation: 50 % Amount, $ 27,453.50

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						
~~Sinking~~ Raising	742.00	530.00	1,272.00			
Crosscutting						
Drifting						
Lt. A Repair-Akron L.	625.00	625.00	1,250.00			
(2) Labor and Supervision:						
Labor		69,258.95	69,258.95			
Supervision		4,029.13	4,029.13			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		8,635.93	8,635.93			
Explosives		6,974.81	6,974.81			
Pipe		2,313.61	2,313.61			
Track		1,821.61	1,821.61			
Other		11,211.61	11,211.61			
Power		3,578.44	3,578.44			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		5,363.93	5,363.93			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,098.94	2,098.94			
Sampling and Analysis						
Payroll Taxes		3,979.38	3,979.38			
Liability Insurance						
Miscellaneous		382.09	382.09			
(8) Contingencies (specify):						
				1,367.00	120,803.33	122,170.33
					*-1,315.22	1,315.22
TOTALS	1,367.00	120,803.33	122,170.33	*1,170.39		** 1,170.39
				196.61	119,488.11	119,684.72

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

Date 11/6/52 *Payee Callahan Zinc-Lead Company

Per R James Flynn Title Ass't Superintendent

*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:

$ 98.31

Signature [illegible]
(Authorized Certifying Officer)

Date 11/21/52 Vou. No. DMA 53-63
(See other side)

* Previous Deductions

** Balance of disallowances stated in Audit Report dated 7/23/52

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

Signature W. M. Grover, Jr. 483-50 Title Chief, Cost Br. Date 11/13/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date 1/18/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
NOV 2 - 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 195 2 Docket No. DMEA 110 Contract No. 1Cm-D2
Operator's Name Callahan Zinc-Lead Company Minerals Lead - Zinc
Address Whitepine, Colorado

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.						745	50.00
Crosscutting								
Raising	ft.	742.00	14	1,272.00	24	53.00	239	53.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Repair & Rt.-Aeron L.	Lo.	625.00	1	1,250.00	2	1,250.00	8	625.00
TOTAL DISTRIBUTED COSTS		1,367.00		2,522.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,367.00		2,522.00				54,917.00

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 11/6/52 Operator Callahan Zinc-Lead Company

Per K. James Flynn Title Ass't Superintendent

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 83-38475

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Work completed prior to August 12, 1952

Month of ..... 195 2 Docket No. DMEA 110 Contract No. I-DMA-E2

Operator's Name Callahan Zinc-Lead Company Minerals Lead and Zinc

Address Whitepine, Colorado

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	feet			77,940.59	1474			
Crosscutting	feet			14,412.69	416			
Raising	feet			7,357.28	151			
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation				19,937.77				
TOTAL DISTRIBUTED COSTS				119,648.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				119,648.33				

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 10/24/52 Operator Callahan Zinc-Lead Company

Per Frank L. Micari Title Accountant

R. James Flynn Asst. Supt.

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 83-38475

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

For Keating
Betty L.

October 20, 1952

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract Idm-E2 (Lead-Zinc)
Callahan Zinc-Lead Company, Gunnison County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of May, 1952, pertaining to DMA Docket 110, Contract Idm-E2, Callahan Zinc-Lead Company.

W. H. King
W. H. King

Enclosures

NMK

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: October 16, 1952
Payee's Reference: Progress Report - May, 1952

Callahan Zinc-Lead Co.
100 Park Ave.
New York, N. Y.

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 91.64

Difference $ 6.48

Amount Approved $ 85.16

The reason for the difference was due to:

Payroll taxes disallowed: May be reclaimed on quarterly basis documented by a copy of operator's quarterly report pertaining to that period.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

October 13, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 110, Contract Idm-RR, (Lead-Zinc) Callahan Zinc-Lead Company, Gunnison County, Colorado - Operator's Monthly Progress Report for the period of May, 1952

Enclosed are the original and four copies of Form MF-104 and Form MF-104A, Narrative Report, and Engineer's Report for the above period.

No work was accomplished during the period, however, the claim is allowable for costs incurred on previous accomplishments and payment is recommended as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and mathematical accuracy of computations.

Remarks: - Documentation has been waived under the contract.

John F. Shaw

John F. Shaw for
W. H. King

Enclosures

cc: Contract
Secretary to the Operating Committee (2)
WMTraver
Chron.
Keschmann (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Date Rec'd
July 3, 1952
BUREAU OF MINES
Denver, Colorado

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

July 2, 1952

Memorandum

To: Acting Chief, Mining Division, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - May 1952 progress report

Please find enclosed five copies of the above progress report, form MR-104, with transmittal, payroll clarification memorandum and adjustment tabulation, and seven copies of C. M. Harrer's memorandum covering investigation of the accounts.

The sum of $91.64 claimed is for payroll and supplies adjustments on the April 1952 account resulting from contract operation.

Payment of $45.82, or 50 percent of the total claimed by the contractor, is approved on the assumption that it will not be paid until the amendment allowing additional funds is processed.

W. M. Traver, Jr.

W. M. Traver, Jr.

Enclosures

WMT/bam

cc: 4
AHKoschmann
E2
DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
June 27, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division, Region IV

From: C. M. Harrer

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - May 1952 progress report

Company accounts were checked in detail with F. S. Mleari, accountant. General details were discussed with J. E. Dunn, superintendent. Revised MF-104 and 104A forms were delivered and explained.

This project was recessed at the end of April 1952 and charges on the May report are labor and supply costs. Labor costs are all correct and allowed and are merely an adjustment from days' pay to contract earnings for the period April 28 to May 10, 1952, as explained in a note accompanying the 104 forms. A list of the timber, the only supply item reported, is in the Colorado Branch DMEA files at the Denver Federal Center.

Expenditures of $91.64 by Callahan Zinc-Lead Company, Inc., for the month of May, 1952, are approved. U. S. Government participation is $45.82. Mr. Dunn was notified that payment of this amount would probably be held up pending action on extension or termination of the contract.

C. M. Harrer
C. M. Harrer
Mining Engineer

CMH/djk

cc: 6
A. H. Koschmann
E 2
DMEA Chron.

Mining Division
Date Rec'd.

JUN 20 1952

BUREAU OF MINES
Denver, Colorado

June 17, 1952

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

Subject: I-DMA-E2

Dear Mr. King:

I am enclosing the operators monthly progress report MF-104 covering the period May 1, to May 31, 1952 inclusive. No grogress was made on this work during May and the enclosed reports covers only a slight cost carry over from April

Very truly yours,

Callahan Zinc-Lead Company

J. E. Dunn
Superintendent

JED:ds
encl.
cc: E. A. Salo

COPY

MF-104
(August 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E I-DMA-E2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 23 1952

Name of Operator Callahan Zinc-Lead Company
Docket No. DMA - 110
Total Contract Amount $ 120,000
Government Participation: 50 % Amount, $ 60,000
Distribution of Expenditures for Month of May, 1952

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc-Lead Company
(Name of Company)

By Frank S. Mizar
(Signature of Authorized Official)

6/17/52
(Date)

Mine Accountant
(Title)

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

16--64068-8

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator		5,363.93	5,363.93			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	63.93	69,195.02	69,258.95			
5. Supervision		4,029.13	4,029.13			
6. Supplies						
(a) Timber	21.23	8,614.70	8,635.93			
(b) Explosives		6,974.81	6,974.81			
(c) Repair Parts		2,098.94	2,098.94			
(d) Other		15,346.73	15,346.73			
7. Power		3,578.44	3,578.44			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	3.99	1,787.41	1,791.40	00	1,782.41	1,782.41
S. S. Taxes	2.49	2,185.49	2,187.98	00	2,185.49	2,185.49
10. Contract Work						
11. Other (specify)						
Boarding House Sub.		196.90	196.90			
Misc.		185.19	185.19			
Total	91.64	119,556.69	119,648.33	85.16	119,556.69	119,641.85
Deletions					*- 160.22	- 160.22
Adjusted totals				85.16	119,396.47	119,481.63
Totals previously reported	119,556.69			119396.47		
Totals to date	119,648.33			119481.63		

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer
Amount approved for payment $4582
Remarks
AD

John F. Shaw for W. H. King

16—64068-3

* Previous disallowances

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

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting								1474	1474	2200
Crosscutting								416	416	
Raising	63.93	--	21.23	6.48	91.64	Ft.	0	151	151	500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation								715	715	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	63.93		21.23	6.48	91.64	Ft.	0	2756	2756	3900

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

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

I-DMA-E2

Note re payroll adjustment for April.

The payroll adjustment of $63.93 as shown in the payroll schedule enclosed was for the contract period April 28, 1952 through May 10, 1952. The miners were paid a straight days pay for the work performed on April 28, 29, and 30th. When the contract was measured and the actual hourly wage computed, the miners were then paid in May for the hours worked on April, 28, 29, and 30th at the new contract rate. The days pay advanced in April was then deducted from the May Gross earnings. This resulted in an increase in I-DMA-E2 April labor costs of $ 63.93.

The timber used is measured and included in costs only as of the close of a contract period. The timber used during the period April 28th through April 30, 1952, therefore was not included in the April 1952 report. The amount of timber used for this period amounted to $ 21.23 and has been included in the May, 1952 report.

I-IMA-E2

Payroll Adjustment 4/23/52
thru 4/30/52

Direct Labor	Occupation	Man Shifts*	Rate $	Gross Earnings $	FOA SUI & FUI $
Clyde Hackney	Piecework Miner	2	19.949	39.90	
Sheldon Houle	" "	3	19.949	59.84	
Cal Nachtrieb	" "	2	19.949	39.90	
Stanley Houle	" "	3	19.949	59.85	
Sub-total		10		199.49	7.78
Less: Days Pay Advanced During April:					
Clyde Hackney		2	13.556	27.11	
Sheldon Houle		3	13.556	40.67	
Cal Nachtrieb		2	13.556	27.11	
Stanley Houle		3	13.556	40.67	
Sub-total				135.56	5.29
Net Adjustment for April, 1952 Payroll				$ 63.93	$ 2.49

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

224 New Customhouse
Denver 2, Colorado

June 24, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract No. I-DMA-E2, Callahan Zinc-Lead Co., Gunnison County, Colorado

Enclosed is a copy of the Operator's Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the period of April, 1952, pertaining to DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Co.

Only one copy of this Progress Report is available for the Washington office because the report has been in process prior to the date of our instructions to submit two copies.

According to our agreement with Mr. Mittendorf and Mr. Chambers, the Washington office will photostat all Progress Reports that were being processed prior to the date of our instructions.

W. H. King

W. H. King

Enclosures

MF-104
(August 1951)

Budget Bureau No. 42-R1036.4
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E I-DMA-E2

Copy

Name of Operator Callahan Zinc-Lead Company
Docket No. DMA 110
Total Contract Amount $ 120,000
Government Participation: 50 % Amount $ 60,000
Distribution of Expenditures for Month of April, 1952

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc-Lead Company
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

5/15/52
(Date)

Ass't Superintendent
(Title)

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

16—64068-6

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator						
See Special List attached Schedule C	330.50	5,033.43	5,363.93	330.50	5,033.43	5,363.93
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

Mining Division
Region IV

June 13, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Co., Gunnison County, Colorado - Operator's Monthly Progress Report for the period of April, 1952

Enclosed are the original and three copies of Form MF-104, Narrative Report, and Engineer's Report for the above period.

Work accomplished is in accordance with the contract and payment is recommended for the amount of $3,316.25, which is 50 percent of the total of $6,632.50.

W. H. King

W. H. King

JWT:oc
~~XXXXXX~~

cc: Secretary to the Oper. Comm.
Contract
Traver
Chron.
Koschmann (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

June 3, 1952

Memorandum

To: Acting Chief, Mining Division, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - April 1952 progress report

Please find enclosed four copies of the above progress report, form MF-104, with narrative, equipment furnished list, payroll, and cost distribution sheets, and six copies of C. M. Harrer's memorandum covering inspection of the accounts and underground progress.

Payment is recommended of $3,316.25, or 50 percent of the total $6,632.50 claimed by the contractor.

W. M. Traver, Jr.

W. M. Traver, Jr.

Enclosures

WMT/bam

cc 3
NHKoschmann
E235
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
June 3, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division, Region IV

From: C. M. Harrer

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - April 1952 progress report

Company accounts were checked in detail with F. S. Micari, accountant, substituting for R. J. Flynn who is on vacation, on May 27, 1952. Progress and general details were discussed with J. E. Dunn, superintendent.

Item 2 (c), Equipment furnished by the operator, charged at $330.50 and listed on a sheet accompanying the MF-104 forms, is correct and allowed under the terms of the contract.

Items 4 and 5. Labor and supervision costs ($3,445.27 and $269.48) were verified by the time cards and payroll sheets and are correct and allowed under the terms of the contract and amendment dated April 4, 1952.

Items 6 (a), (b), (c), and (d): $1,024.28, $230.29, $199.30 and $727.67 are correct, verified by engineering department contract data and company accounts, and are allowed under the contract. A detailed list of all direct supplies used on the contract during April, with costs and prorations, is in the Colorado Branch DMEA files at the Denver Federal Center.

Repair parts consist of $175.91 for rock drill parts and $23.39 for Eimco 12B Rockershovel parts used on the contract.

Under Other are listed general supplies consisting fan pipe, air and water pipe, tools, etc., allowed und the terms of the contract.

Item 7, The total power bill for all Callahan operations during April 1952 was receipted paid to the Public Service Company of Colorado on May 8, 1952, voucher no. 4047, in the amount of $3,226.05 for 173,797 kilowatt hours. Of this total, $499.40 is allocated to camp power, $1,248.50 towards mill power, $992.11 towards the Akron mine, and $486.04 towards the Erie mine. Provations of the above as shown in schedules A and B give power charges to the project as $214.20 towards mine power and $28.16 towards camp power. The total power distribution of $242.36 towards the project is correct and allowed under the contract.

Item 9 (a), Workmen's compensation insurance of $82.42 was verified and is allowed under the contract. The company paid $687.00 into the fund on May 8, 1952, for total operations, voucher no. 4049. Social security taxes were verified, are correct for $69.36, and are allowed under the terms of the contract.

Item 11, The boarding house subsidy of $11.57 is correct and allowed under the terms of the contract.

Underground progress was checked on May 28 with R. C. Stitzer, company mining engineer. Progress for the month consisted of 107 feet of completed, cribbed raise, with 5 feet of ground broken above the cribbing and 5 feet drilled out only and ready for blasting. This is the total reported in the narrative as advance. Actually, progress for the month was 107 feet of completed raise and 10 feet only partly completed.

A measuring point was placed in the raise 138 feet above the Akron track level. This raise will be shut down until supplemental funds applied for are approved.

Referring to the map accompanying the MF-104 forms, Callahan Zinc-Lead Company have advanced their "3401" raise from a point at the end of the February E-2 contract advance, upwards 75 feet above the track level and are now diamond drilling from the head of this raise easterly through exposed dike rock. The driving of this raise and diamond drilling is entirely at company expense on the mineralized zone exposed in the drift which was driven under DMA-110, contract I DMA-E2, project A.

Expenditures of $6,632.50 by Callahan Zinc-Lead Company, Inc., for the month of April 1952 are approved. U. S. Government participation is $3,316.25.

C. M. Harrer

C. M. Harrer
Mining Engineer

CMH/bem

cc 5
AHKoschmann
E-2
DMA Akron.

May 15, 1952

Mr. J. H. East, Jr.
Regional Director Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report MF-104 covering the period April 1 to April 30, 1952 inclusive.

The raise, started in March, was advanced 117 ft. during the month of April. This places the face of the raise 151 ft. above the main level drift. To complete this first lift to the proposed sublevel requires 43 ft. additional raising.

All work is discontinued as of May 1 due to lack of funds to continue.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

COPY

I-DMA-E2
Payroll for April, 1952

Direct Labor Name	Occupation	Man Shifts *	Rate	Gross Earnings	FOA SUI & FUI
Clyde Mackney	Piecework Miner	21	$ 20.93	$ 443.94	$ 8.31
Carl Hicks	" "	22	20.93	461.36	8.64
Sheldon Houle	" "	24	20.93	501.00	9.38
Cal Nachtrieb	" "	23	20.93	480.34	9.00
C. L. Flick	" "	1	20.93	20.93	.39
Stanley Houle	" "	3	20.93	62.79	1.18
L. G. Norlin	" "	1	20.93	20.93	.39
W. N. Monson	" "	1	20.93	20.93	.39
Fred Fields	" "	2	20.93	40.28	.75
Walter Brashers	" "	1	20.93	20.93	.39
A. M. Iverson	" "	2	20.93	40.27	.75
Les Taylor	" "	1	20.93	20.93	.40
Don Austin	" "	1	20.93	20.93	.40
Sub-total		103		2,155.56	40.37
Indirect Prorated Labor					
Lewis Saxton	Piecework Trammer	4	17.44	72.34	1.34
Ray Brooks	" "	2	17.44	31.17	.58
Bill Pearson	" "	6	17.44	103.51	1.92
Ben Flick	" "	6	17.44	103.51	1.92
Henry Brinker	Timber Fr. & Comp.	15	11.52	171.40	3.19
Hiram Sheldon	" "	15	11.52	171.41	3.19
Walter Brashers	Tunnel Maintenance	6	11.84	76.17	1.42
A. M. Iverson	" "	6	11.84	76.17	1.42
W. F. Monson	" "	5	11.84	59.20	1.10
C. L. Flick	" "	6	11.84	76.16	1.42
Elmer Wahl	Mechanic	13	15.76	185.58	3.45
Stuart Wahl	Electrician	1	15.76	7.23	.13
George Gaden	Warehouseman	2	11.84	24.10	.45
Phil Duran	Waste Dump Man	2	11.84	25.27	.47
L. Flynn	Clerk	4	10.56	44.91	.83
Ralph Stitzer	Engineer	2	14.20	21.39	.40
John Stitzer	Engineer	2	14.20	21.39	.40
George Sheldon	Carpenter	1	12.80	18.80	.35
Sub-total		98		1,289.71	23.98
Supervision Prorated					
J. E. Dunn	Superintendent	2	20.00	35.86	.67
W. E. Roberts	Shift Boss	5	14.72	77.87	1.45
O. F. Statler	Mine Foreman	5	15.66	77.88	1.45
L. P. White	Shift Boss	5	14.72	77.87	1.44
Sub-total		17		269.48	5.01
GRAND TOTAL		218		$ 3,714.75	$ 69.36

* Correct to Nearest man shift only.

I-DMA-E2

FORM MF-104

SCHEDULE A

April 1, 1952 to April 30, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore - Akron	1819
Tons Waste - Akron	803
Tons Ore - Erie	35
Tons Waste - Erie	355
Tons Waste - E-2	722
Tons Waste - E-235	263
Total Tons	3997

	Labor	Supplies	Other	Total
Tramming	$ 1,438.26	38.11	59.21	1,535.58
Compressed Air & Timber Framing	1,360.89	455.42	56.03	1,872.34
Main Tunnel Maintenance	1,332.50	110.83	54.87	1,498.20
Mine Power		18.69	992.11	1,010.80
Mine Yard	226.82	66.42	9.34	302.58
Total for April, 1952	4,358.47	689.47	1,171.56	6,219.50
722/3344 for I-DMA-E2	941.04	148.86	252.95	1,342.85
Shop	1,027.35	826.52	42.30	1,896.17
Mine Lamps	40.04	24.69	1.64	66.37
Warehouse	133.42		5.49	138.91
Direct Supervision	1,293.24		53.25	1,346.49
Total for April, 1952	2,494.05	851.21	102.68	3,447.94
722/3997 for I-DMA-E2	450.53	153.76	18.55	622.84
Waste Dump	53.37		2.19	55.56
722/1525 for I-DMA-E2	25.27		1.04	26.31

I-DMA-E2

FORM MF-104

SCHEDULE B

April 1, 1952 to April 30, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

Man Shifts - Company	1674
Man Shifts - I-DMA-E2	103
Man Shifts - Idm-E235	50
Total Man Shifts	1827

	Labor	Supplies	Other	Total
Yard	$ 133.42	205.26	5.51	344.19
Boarding House Subsidy			205.20	205.20
Dwellings	106.74	257.97	4.41	369.12
Truck		65.32		65.32
Water System	53.37	57.87	2.20	113.44
Roads	13.34		.55	13.89
Caterpillar	26.68	64.65	1.11	92.44
Camp-Power			499.40	499.40
General Supervision	636.00	3.00	12.27	651.27
Mine Office	796.52	337.86	15.36	1,149.74
Surveying	758.77	2.00	31.24	792.01
Total for April, 1952	2,524.84	993.93	777.25	4,296.02
103/1827 for I-DMA-E2	142.35	56.04	43.82	242.21

I-DMA-K2

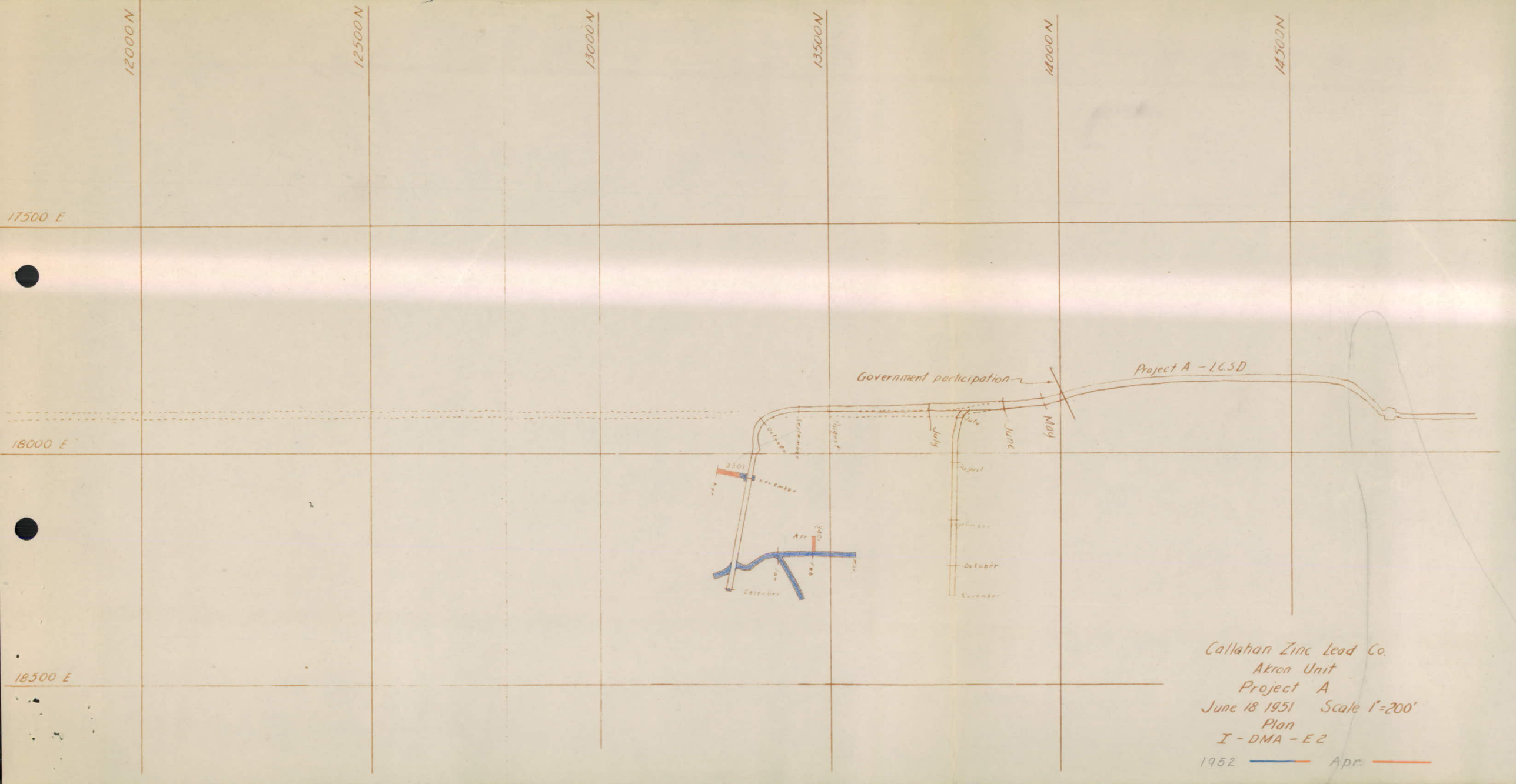
FORM MF-104

SCHEDULE C

April 1, 1952 to April 30, 1952

EQUIPMENT FURNISHED BY OPERATOR

16	Mine Cars, 25 cu.ft., side dump	$ 6,000.00
1	Greensburg Locomotive w/2 batteries and 2 battery cases	8,370.00
1	Copus blower, 15 hp	1,175.00
2	Pumps, Worthington air	400.00
1	Battery Charger	1,520.00
1	Air Hoist tugger	535.00
3	Stoping Drills, 591	1,550.00
	Total	$ 19,550.00
	1/60	$ 330.50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Government participation
Project A - LCSD
May
June
July
August
September
October
November
3301
Apr
1951
Apr
Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E 2
1952
Apr.

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	3,445.27	65,749.75	69,195.02	3,445.27	65,749.75	69,195.02
5. Supervision	269.48	3,759.65	4,029.13	269.48	3,759.65	4,029.13
6. Supplies						
(a) Timber	1,024.28	7,590.42	8,614.70	1,024.28	7,590.42	8,614.70
(b) Explosives	230.29	6,744.52	6,974.70	230.29	6,744.52	6,974.81
(c) Repair Parts	199.30	1,899.64	2,098.94	199.30	1,899.64	2,098.94
(d) Other	727.67	14,619.06	15,346.75	727.67	14,619.06	15,346.73
7. Power	242.36	3,336.08	3,578.44	242.36	3,336.08	3,578.44
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	82.42	1,704.99	1,787.41	82.42	1,704.99	1,787.41
SS Taxes	69.36	2,116.13	2,185.49	69.36	2,116.13	2,185.49
10. Contract Work						
11. Other (specify)						
B d. House Subsidy	11.57	185.33	196.90	11.57	185.33	196.90
Misc.		185.19	185.19		185.19	185.19
Total	6,632.50	112,924.19	119,556.69	6,632.50	112,924.19	119,556.69
Deletions	112,924.19			112,924.19		
Adjusted totals	119,556.69			119,556.69		
Totals previously reported						
Totals to date						

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by CM Harrer WMEq
Amount approved for payment 3316.25
Remarks

16—64068-3

Schedule DMA 52-61
June 19,1952
3316.25

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

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit this mo.	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting							1474	1474		2200
Crosscutting							416	416		
Raising	3,714.75	330.50	2,181.54	405.71	6,632.50	117	34	151		500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation						ft.	715	715		1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	3,714.75	330.50	2,181.54	405.71	6,632.50	ft.	117	2639	2756	3900

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

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

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

224 New Customhouse
Denver 2, Colorado

May 22, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Gunnison County, Colorado

Enclosed are the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the period of March, 1952, pertaining to DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company.

W. H. King

W. H. King

Enclosures

1d

cc: Traver, w/1 copy of MF-104
Koschmann
Contract, chron.

Marginal ore
50' x 3'
average grade 10% Pb-Zn
97% of drift

MF-104
(August 1951)

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

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E I-DMA-E2

Name of Operator Callahan Zinc-Lead Company
Docket No. DMA -110
Total Contract Amount $ 120,000
Government Participation: 50% % Amount, $ 60,000
Distribution of Expenditures for Month of March, 1952

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc-Lead Company
(Name of Company)

By /s/ R. James Flynn
(Signature of Authorized Official)

4-15-52
(Date)

Ass't Superintendent
(Title)

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

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator						
See special list Attached Schedule C	422.87	4,610.56	5,033.43	422.87	4610.56	5033.43
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

WLD
5-12-52

Mining Division
Region IV

May 2, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Gunnison County, Colorado - Operator's Monthly Progress Report, for the period of March, 1952

Enclosed are the original and three copies of Form MP-104, Narrative Report, and Engineer's Report for the above period.

Work accomplished is in accordance with the contract and payment is recommended for the amount of $5,369.04, which is 50 percent of the total of $10,738.08.

J. F. Shaw

J. F. Shaw for
W. H. King

Enclosures

WLD:oc
cc: DMA Contract
Secretary to the Oper. Comm.
Traver
Chron.
Koschmann (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
April 30, 1952

Memorandum

To: Acting Chief, Mining Division, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - March 1952 progress report.

Please find enclosed four copies of the above progress report, form MF-104, with narrative, payroll, list of equipment furnished by the operator, and cost distribution sheets, and six copies of C. M. Harrer's memorandum covering inspection of the accounts and underground progress.

Payment of $5,369.04, or 50 percent of the amount claimed by the operator, is approved.

W. M. Traver, Jr.

W. M. Traver, Jr.

Enclosures

WMT/amh

cc 3
AHKoschmann
E2
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
April 30, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division, Region IV

From: C. M. Harrer

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - March 1952 progress report

Company accounts were checked in detail with R. J. Flynn, assistant superintendent, on April 23, 1952. Progress and general details were discussed with J. E. Dunn, superintendent.

Item 2 (a). Equipment furnished by the operator, charged at $422.87 as listed on a sheet accompanying the MP-104 forms, is correct and allowed under the terms of the contract.

Items 4 and 5. Labor and supervision costs ($5,651.04 and $310.58) were found correct and are allowed under the terms of the contract and amendments dated April 4, 1952.

Item 6 (a), (b), (c), and (d), $835.59, $523.22, $917.66, and $1,377.18, are correct, allowed under the terms of the contract, and verified by engineering department contract data and company accounts. A detailed list of all direct supplies used on the contract during March, with costs and prorations, is in the Colorado Branch DMA files at the Denver Federal Center.

Repair parts consist of $164.33 for rock drill parts and $753.33 for Eimco 12B Rockershovel parts used on the contract. The latter are covered by Eimco invoices 24923A, 25145A, 25330A, 25417A, and 25427A.

Under Other are listed general supplies consisting of rail, fan pipe, air and water pipe, tools, etc., allowed under the terms of the contract.

Item 7. The total power bill for all Callahan operations during March 1952 was receipted paid to the Public Service Company of Colorado on April 10, 1952, voucher no. 3941, in the amount of $3,244.11, for 204,537 kilowatt-hours. Of this total, $505.41 is allocated to camp power, $1,263.53 toward

mill power, $997.11 toward the Akron mine, and $478.06 toward the Erie mine. Prorations of the above as shown in schedules A and B give power charges to the project as $268.88 toward mine power and $40.51 toward camp power. The total power distribution of $309.39 toward the project is correct and allowed under the terms of the contract.

Item 9 (c). Workmen's compensation insurance of $94.12 was verified and is allowed under the contract. The company paid $641.00 into the fund on April 10, 1952, for total operations; voucher no. 3971. Social security taxes were verified, are correct for $268.27, and are allowed under the terms of the contract.

Item 11. The boarding house subsidy of $28.16 is correct and allowed under the terms of the contract.

Underground progress was checked on April 24 with J. E. Dunn, superintendent, and R. C. Stitzer, company engineer. Progress was verified correct as reported in the narrative.

Morning Star level rehabilitation was completed last month.

On the Akron level, drifting north on the footwall dike was advanced 97 feet. Fourteen standard sets of timber, 8- by 10-foot cross section, were placed. The exploration raise toward the Morning Star level was started and advanced 34 feet above the drift track level. The raise is 6- by 11-foot breaking section, cribbing timbered to a 4- by 4-foot manway and 4- by 5-foot chute.

Callahan Zinc-Lead Company, Inc., has started raise 3401 on the footwall dike at the south end of a mentioned, encouraging mineralized zone near the end of the February drift advance north. This raise is being driven completely at company expense to explore possible ore development above the Akron level. This raise has been located on the maps accompanying MF-104 forms for March 1952.

Expenditures of $10,738.08 by Callahan Zinc-Lead Company, Inc., for the month of March 1952 are approved. U. S. Government participation of 50 percent is $5,369.04.

C. M. Harrer

C. M. Harrer
Mining Engineer

CMH/amh

cc 5
AHKoschmann
E2
DMEA Chron.

Colorado Branch

Date Rec'd
APR 17 1952
BUREAU OF MINES
Denver, Colorado

April 15, 1952

Mr. J. H. East, Jr.
Regional Director Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report MF-104, covering the period March 1 to March 31, 1952 inclusive.

// Drifting north on the main level advanced 97 ft. and was discontinued. This advance in part was along a mineralized zone. Marginal ore showed for a distance of 50 ft. with up to a 3-ft. width. Grades were sub-commercial with values about 10% combined lead and zinc. //

A raise was started that will intersect the dike at the halfway point up the dip between Morning Star and low level workings. This raise had advanced 34 ft. up to April 1st.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

COPY

I-DMA-E2

Payroll for March, 1952

Direct Labor

Name	Occupation	Man Shifts *	Rate	Gross Earnings	FOA SUI & FUI
Don Austin	Piecework Miner	20	$ 25.51	$ 510.20	$ 22.96
Clyde Hackney	" "	21	24.28	509.88	22.94
Carl Hicks	" "	12	24.28	291.36	13.11
Sheldon Houle	" "	24	25.51	612.24	27.55
Stanley Houle	" "	7	25.51	178.27	8.02
Chris Janzen	" "	2	24.28	48.56	2.19
W. B. Mansker	" "	2	24.28	48.56	2.19
W. N. Monson	" "	6	24.28	145.68	6.56
Cal Machtrieb	" "	23	20.35	468.05	21.06
L. G. Norlin	" "	5	24.28	121.40	5.46
C. Porterfield	" "	6	24.28	145.68	6.56
Les Taylor	" "	23	25.51	586.73	26.40
W. Bobat	" "	1	24.28	24.28	1.09
John Ruggles	" "	1	24.28	24.28	1.09
Ralph Alley	" "	4	24.28	97.12	4.37
Sub-total		157		3,812.30	171.55

Indirect Prorated Labor

Ralph Stitzer	Engineer	2		32.94	1.48
John Stitzer	Engineer	2		32.94	1.48
L. Flynn	Clerk	6	10.56	58.35	2.63
G. Sheldon	Carpenter	3	12.80	30.86	1.39
Phil Duran	Waste Dump Man	2	11.84	23.36	1.05
G. Gaden	Warehouseman	4	11.84	44.64	2.01
Stuart Wahl	Electrician	9	13.76	128.37	5.78
Elmer Wahl	Mechanic	9	13.76	128.36	5.78
A. M. Iverson	Tunnel Maint.	14	11.84	171.24	7.71
W. Brashers	Tunnel Maint.	14	11.84	171.24	7.71
W. F. Monson	Tunnel Maint.	14	11.84	171.25	7.71
H. Brinker	Timber Fr.&Comp.	15	11.52	171.91	7.74
H. Sheldon	Timber Fr.&Comp.	15	11.52	171.91	7.74
Bill Pearson	Piecework Tram.	7	24.47	167.16	7.51
Lewis Saxton	Piecework Tram.	7	24.47	167.16	7.51
Ben Flick	Piecework Tram.	7	24.47	167.15	7.51
Sub-total		130		1,838.74	82.74

Supervision Prorated

J. E. Dunn	Superintendent	2	[illegible]	44.17	1.98
W. E. Roberts	Shift Boss	6	14.72	88.80	4.00
O. F. Statler	Mine Foreman	6	[illegible]	88.80	4.00
L. P. White	Shift Boss	6	14.72	88.81	4.00
Sub-total		20		310.58	13.98
GRAND TOTAL		307		$ 5,961.62	$ 268.27

* Correct to nearest man shift only.

I-DMA-E2

FORM MF-104

Schedule A

March 1, 1952 to March 31, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore - Akron	1628
Tons Waste - Akron	582
Tons Ore - Erie	426
Tons Waste - Erie	215
Tons Waste - E-2	816
Tons Waste - E-235	220
Total Tons	3885

		Labor	Supplies	Other	Total
Tramming	$	1,859.58	66.42	113.55	2,059.55
Compressed Air & Timber Framing		1,115.69	29.40	68.14	1,213.23
Main Tunnel Maintenance		1,905.11	21.87	116.33	2,043.31
Mine Power			75.61	997.11	1,072.72
Mine Yard		159.36	112.25	9.75	281.36
Total for March, 1952	$	5,039.76	305.55	1,304.86	6,650.17
816/3026 for I-DMA-E2	$	1,359.08	82.40	351.87	1,793.30
Shop	$	1,182.47	602.26	72.20	1,856.93
Mine Lamps		39.85	25.00	2.43	67.28
Warehouse		212.51		12.97	225.48
Direct Supervision		1,268.40		77.45	1,345.85
Total for March, 1952	$	2,703.23	627.26	165.05	3,495.54
816/3885 for I-DMA-E2	$	567.78	131.75	34.67	734.20
Waste Dump	$	39.85		2.43	42.28
816/1398 for I-DMA-E2	$	23.26		1.42	24.68

I-DMA-E2

FORM MF-104

Schedule B

March 1, 1952 to March 31, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

Man Shifts - Company	1706
Man Shifts - I-DMA-E2	157
Man Shifts - Idm-E235	97
Total Man Shifts	1959

		Labor	Supplies	Other	Total
Yard	$	39.85	120.30	2.43	162.58
Boarding House Subsidy				351.38	351.38
Dwellings		185.95	78.28	11.36	275.59
Truck			231.04		231.04
Water System		79.69	11.17	4.87	95.73
Roads					
Caterpillar		79.69	29.56	4.86	114.11
Camp-Power			4.25	505.41	509.66
General Supervision		551.00	10.29	24.80	586.09
Mine Office		728.14	219.11	32.76	980.01
Surveying		622.00	58.20	50.19	930.39
Total	$	2,486.32	762.20	988.06	4,236.58
157/1959 for I-DMA-E2	$	199.26	61.08	79.19	339.53

I-DMA-E2

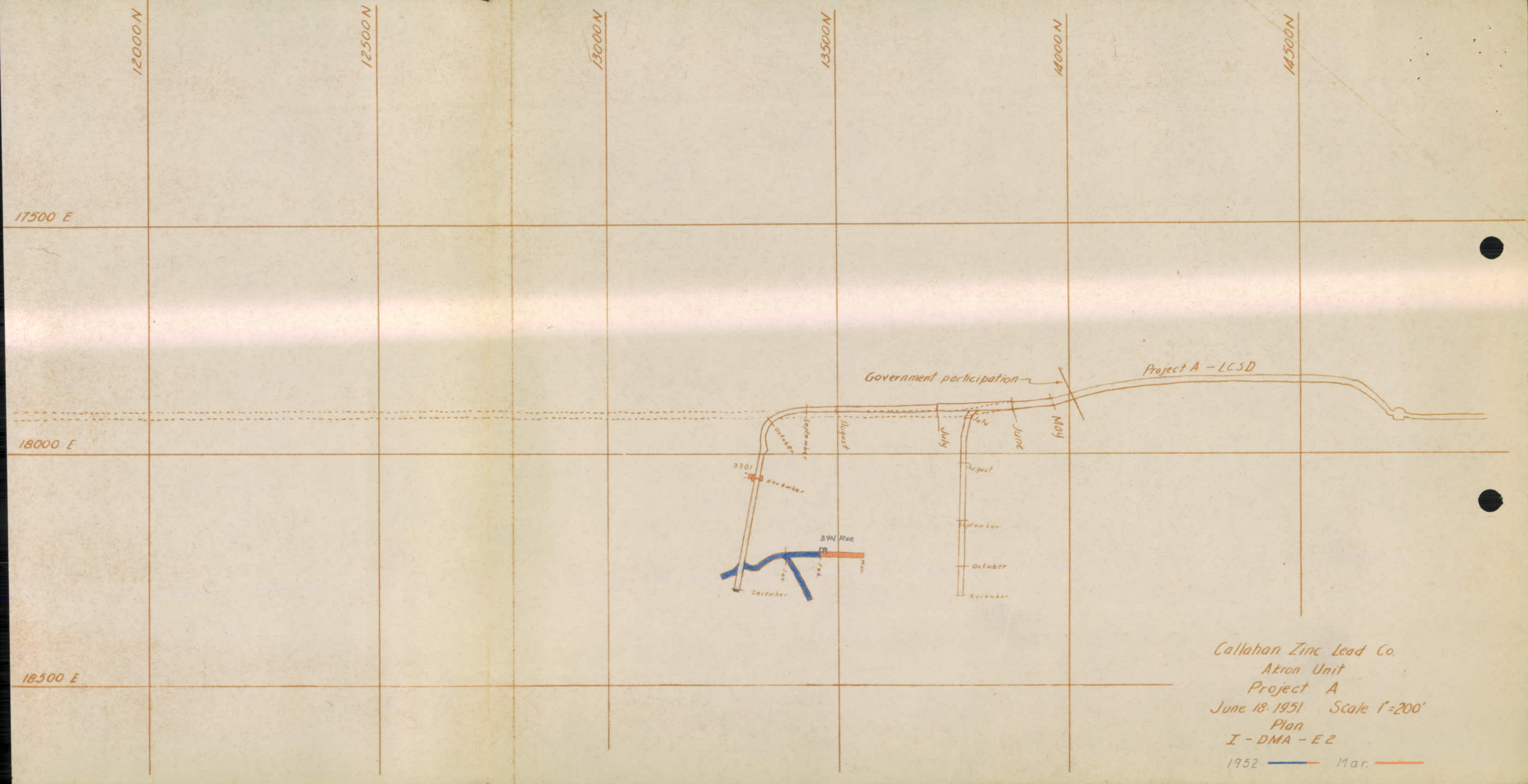
FORM MF-104

Schedule C

March 1, 1952 to March 31, 1952

EQUIPMENT FURNISHED BY OPERATOR

1	Eimco Mucking Machine Model 12-B	$	2,967.00
1	2-column Jumbo w/3 - Lyners DA-30		3,955.00
16	Mine Cars, 25 cu.ft. side dump		6,000.00
1	Greensburg Locomotive w/2 batteries and 2 battery cases		8,370.00
1	Copus blower, 15 hp		1,175.00
2	Pumps, Worthington air		400.00
1	Canton Car Transfer		450.00
1	Battery Charger		1,520.00
1	Air hoist tugger		535.00
	Total	$	25,372.00
	1/60	$	422.87



Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E2

1952 ——— Mar. ———

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	5,651.04	60,098.71	65,749.75	5651.04	60,098.71	65,749.75
5. Supervision	310.58	3,449.07	3,759.65	310.58	3,449.07	3,759.65
6. Supplies						
(a) Timber	835.59	6,754.83	7,590.42	835.59	6,754.83	7,590.42
(b) Explosives	523.22	6,221.30	6,744.52	523.22	6,221.30	6,744.52
(c) Repair Parts	917.66	981.98	1,899.64	917.66	981.98	1,899.64
(d) Other	1,377.18	13,241.88	14,619.06	1377.18	13,241.88	14,619.06
7. Power	309.39	3,026.69	3,336.08	309.39	3,026.69	3,336.08
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	94.12	1,601.87	1,704.99	94.12	1,601.87	1,704.99
S. S. Taxes	268.27	1,847.86	2,116.13	268.27	1,847.86	2,116.13
10. Contract Work						
11. Other (specify)						
Bd. House subsidy	28.16	157.17	185.33	28.16	157.17	185.33
Misc.		185.19	185.19		185.19	185.19
Total	10,738.08	102,186.11		10,738.08	102,186.11	
Deletions						
Adjusted totals				10,738.11		
Totals previously reported	102,186.11			102,186.11		
Totals to date	112,924.19			112,924.19		

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by /s/ C. M. Harrer WMJ WLD
Amount approved for payment $5369.04 $5369.04
Remarks

16—64068-3

Schedule DMA-52-49
May 12, 1952
$5369.04

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

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	5,581.88	395.93	3471.77	655.36	10,104.94	ft.	97	1377	1474	(2200
Crosscutting								416	416	(
Raising	379.74	26.94	181.88	44.58	633.14	ft.	34		34	500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation						ft.		715	715	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	5,961.62	422.87	3,653.65	699.94	10,738.08		131	2508	2639	3900

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

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

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

224 New Customhouse
Denver 2, Colorado

April 14, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado

Enclosed are the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the month of February, 1952, pertaining to DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc.

J. H. East, Jr.

J. H. East, Jr.

Enclosure

APR 1 0 1952

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

224 New Customhouse
Denver 2, Colorado

April 14, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado

Enclosed are the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the month of February, 1952, pertaining to DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc.

J. H. East, Jr.

J. H. East, Jr.

Enclosure

Mining Division
Region IV

April 2, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 110, Contract I-DMA-12, Callahan Zinc-Lead Company, Gunnison County, Colorado - Operator's Monthly Progress Report for the period of February, 1952

Enclosed are the original and three copies of Form MF-104, Narrative Report, and Engineer's Report for the above period.

Work accomplished is in accordance with the contract and payment is recommended for the amount of $5,925.75, which is 50 percent of the total of $11,851.50, after a deduction of $8.93, the amount of equipment depreciation disallowed for 1/2 month use of truck and two mine cars.

W. H. KING

W. H. King

Enclosures

JWT:oc

cc: DMA Contract
Chron.
AHKoschmann (2)
Secretary to the Operating Committee
WMTraver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
March 27, 1952

Memorandum

To: Acting Chief, Mining Division, Region IV

From: Chief, Colorado Branch, Mining Division

Subject: DMA ~~1225X~~ 110, Contract I-DMA-E2, Gallahan Zinc-Lead Company, Inc., Gunnison County, Colorado - February 1952 progress report

Please find enclosed four copies of the above progress report, form MF-104, with narrative, payroll, and cost distribution sheet, and six copies of C. M. Harrer's memorandum covering inspection of the accounts and underground progress.

Harrer has disalloeed $8.93 from item 2 (c), Operating Equipment furnished by operator, reducing the total claimed to $11,851.50. Of this amount, $5,925.75, or 50 percent, is approved for payment to the contractor.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/dd

cc 3
E2
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
March 27, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division

From: C. M. Harrer

Subject: DMA ~~1225X~~ 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - February 1952 progress report

R. J. Flynn, assistant superintendent, was on vacation. Company accounts were checked in detail by the writer and M. H. Salsbury on March 25, 1952, with Mrs. Dorothy Settle, temporary office manager.

In the investigation of expenditures listed in the "Monthly Summary of Cost Statement", form MF-104, items without charges for the month are not discussed.

Item 2 (e). Equipment furnished by the operator, charged at $501.50, is not completely allowed. Morning Star rehabilitation was stopped February 16, and equipment, consisting of two mine cars and an army ambulance, was used only one-half month. Their contract allowance was $17.87 a month. Their pro rata allowance for February is $8.93. Equipment allowance for the month is therefore $492.57.

Items 4 and 5. Labor and supervision costs were found correct and are allowed, providing the wage increase mentioned in the October, November, December, and January monthly progress reports has been allowed by contract amendment. In the absence of instructions on this matter to date, it is assumed that they will be allowed.

Items 6 (a), (b), (c), and (d) are correct, allowed, and verified by engineering department contract data and company accounts. A detailed list of all direct supplies used on the contract during February, with costs and prorations, is in the Colorado Branch DMEA files at the Denver Federal Center.

A supplemental inventory was made of all purchases with potential salvage and resale value. All very small items and those expendable and of questionable salvage value are totaled only. They are readily located in company files.

Item 7. The total power bill for February was receipted paid to the Public Service Company of Colorado on March 7, 1952, voucher no. 3902, in the amount of $3,458.71, for 208,702 kilowatt-hours.

Of this total, $1,059.71 is allocated to the Akron mine and $559.37 to the camp. Prorations of the above as shown in schedules A and B gives power charges to the project as $356.21 towards mine power and $51.98 towards camp power. The total power distribution of $408.19 is correct and allowed.

Item 9 (c). Workmen's compensation insurance was verified and is allowed. The company paid $758.00 into the fund on March 7, 1952, voucher no. 3903. Their fund statement, dated March 18, 1952, gives them a credit of $245.00 for the entire operation. Social security taxes were verified, are correct, and are allowed.

Item 11. The boarding house subsidy of $15.45 is correct and allowed.

Underground progress was checked on March 26 with M. H. Salsbury, accompanied by R. C. Stitzer, company mining engineer. Progress was verified correct as reported in the narrative.

Morning Star rehabilitation was limited to 108 feet of winze below the level.

On the Akron level, drifting north on the footwall dike was advanced 75 feet. A crosscut to the northeast, through the dike, was advanced 114 feet. Thirty drift sets were placed.

Expenditures of $11,851.50 by Callahan Zinc-Lead Company, Inc., for the month of February 1952 are approved. This includes the disallowance of $8.93 in "Equipment Rental", exhibit C, form MF-200. U. S. Government participation is $5,925.75.

C. M. Harrer

C. M. Harrer,
Mining Engineer

CMH/dd
cc 5
AHKoschmann
E2
DMEA Chron.

Colorado Branch

Date Rec'd
MAR 17 1952
BUREAU OF MINES
Denver, Colorado

March 15, 1952

Mr. J. H. East, Jr.
Regional Director Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report MF-104, covering the period February 1 to February 29, 1952 inclusive.

Drifting north on the footwall dike contact was continued and a crosscut driven through the dike from this drift 100 ft. north of the main crosscut. The hanging wall contact was barren at this point. Some mineralization continues to show along the footwall contact. Drift and crosscut work totaled 189 ft. for the month.

Morning Star rehabilitation totaled 108 ft. of shaft. This completes Morning Star work for the present. Water level in the shaft is now approximately 180 ft. below the Morning Star level and is continuing to drop. The shaft below the first level is in good shape and requires no repair work for the present.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

COPY

MF-104
(August 194[illegible])

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E I-DMA-E2

Name of Operator Callahan Zinc-Lead Company
Docket No. DMA -110
Total Contract Amount $ 120,000
Government Participation: 50 % Amount, $ 60,000
Distribution of Expenditures for Month of February, 1952

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc-Lead Company
(Name of Company)

By R James Flynn
(Signature of Authorized Official)

2/15/52
(Date)

Ass't Superintendent
(Title)

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

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator						
Exhibit C Contract Form IF-200	501.50	4,109.06	4,610.56	492.57	4109.06	4601.63
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	6,752.90	53,345.81	60,098.71	6752.90	53,345.81	60,098.71
5. Supervision	452.27	2,996.80	3,449.07	452.27	2996.80	3449.07
6. Supplies						
(a) Timber	1,401.92	5,352.91	6,754.83	1401.92	5352.91	6754.83
(b) Explosives	742.52	5,478.78	6,221.30	742.52	5478.78	6221.30
(c) Repair Parts	175.33	806.65	981.98	175.33	806.65	981.98
(d) Other	926.38	12,315.50	13,241.88	926.38	12,315.50	13,241.88
7. Power	408.19	2,618.50	3,026.69	408.19	2618.50	3026.69
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	159.74	1,451.13	1,610.87	159.74	1451.13	1610.87
SS Taxes	324.23	1,523.63	1,847.86	324.23	1523.63	1847.86
10. Contract Work						
11. Other (specify)						
Bd. House Subsidy	15.45	141.72	157.17	15.45	141.72	157.17
Misc.		185.19	185.19		185.19	185.19
Total	11,860.43	90,325.68	102,186.11	11,851.50	90,325.68	102,177.18
Deletions						
Adjusted totals						
Totals previously reported	90,325.68			90,325.68		
Totals to date	102,186.11			102,177.18		

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harper * Dom T.
Amount approved for payment $5925.75 $5925.75
Remarks

16—4068-3

* Deduct Morning Star equipment used one half month @ $8.93

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

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	6,115.90	483.63	2,712.48	824.70	10,136.71	ft.	189	1188	1377	(2200 ~~$53~~ 63/ft.
Crosscutting						ft.		416	416	(
Raising						ft.				500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,089.27	17.87	533.67	82.91	1,723.72	ft.	108	607	715	1200 ~~$15~~ 95/ft.
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	7,205.17	501.50	3,246.15	907.61	11,860.43		297	2211	2508	3900

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

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

I-DMA-E2

Payroll for February, 1952

Direct Labor

Name	Occupation	Man Shifts *	Rate	Gross Earnings	FOA SUI & FUI
Don Austin	Piecework Miner	25	$ 25.55	$ 651.20	$ 29.30
L. B. Cahill	" "	3	"	76.65	3.45
Clyde Hackney	" "	25	"	632.92	28.48
Sheldon Houle	" "	22	"	561.36	25.26
Stanley Houle	" "	18	"	470.96	21.19
F. McMullen	" "	13	"	332.15	14.95
Les Taylor	" "	27	"	686.40	30.89
C. Porterfield	" "	11	"	271.05	12.20
A. Averill	" "	1	"	25.55	1.15
W. Bobst	" "	1	"	25.55	1.15
Ben Flick	" "	1	"	25.55	1.15
Cal Nachtrieb	" "	3	"	73.30	3.30
Ralph Alloy	" "	1	"	25.55	1.15
N. Coates	" "	1	"	25.55	1.15
C. Janson	" "	2	"	51.10	2.30
Sub-total		154		3,934.84	177.07
W. N. Monson	" "	13	36.76	477.86	21.50
Ray Hicks	" "	13	36.76	477.86	21.51
Sub-total		26		955.72	43.01

Indirect Prorated Labor

Ralph Stitzer	Engineer	2		38.19	1.72
John B. Stitzer	Engineer	2		38.20	1.72
L. Flynn	Clerk	4	10.56	46.78	2.11
George Sheldon	Carpenter	3	12.80	37.35	1.68
Phil Duran	Waste Dump Man	7	11.84	85.16	3.82
George Gaden	Warehouseman	4	11.84	49.46	2.22
Stuart Wahl	Electrician	1	13.76	15.43	.69
Elmer Wahl	Mechanic	18	13.76	246.94	11.11
H. Brinker	Timber Fr. & Comp.	17	11.52	193.71	8.72
H. Sheldon	Timber Fr. & Comp.	17	11.52	193.71	8.72
A. M. Iverson	Tunnel Maintenance	11	11.20	119.22	5.36
W. Brashers	Tunnel Maint.	10	11.84	119.22	5.36
W. F. Monson	Tunnel Maint.	10	11.84	119.23	5.36
Bill Pearson	Piecework Tram.	8	22.20	186.58	8.40
Lewis Saxton	Piecework Tram.	8	22.20	186.58	8.40
Ben Flick	Piecework Tram.	8	22.20	186.58	8.40
Sub-total		130		1,862.34	83.79

Supervision Prorated

J. E. Dunn	Superintendent	2		59.11	2.66
W. E. Roberts	Shift Boss	9	14.72	131.05	5.90
O. F. Statler	Mine Foreman	8		131.06	5.90
L. P. White	Shift Boss	9	14.72	131.05	5.90
Sub-total		28		452.27	20.36
GRAND TOTAL		338		$ 7,205.17	$ 324.23

* Correct to nearest man shift only.

I-DMA-E2

FORM MF-104

Schedule A

February 1, 1952 to February 29, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore - Akron	1687
Tons Waste - Akron	839
Tons Ore - Erie	356
Tons Waste - Erie	178
Tons Waste - E-2	1279
Tons Waste - E-235	302
Total Tons	4641

		Labor	Supplies	Other	Total
Tramming	$	1,665.22	12.80	112.40	1,790.42
Compressed Air and Timber Framing		985.92	165.81	66.56	1,218.29
Main Tunnel Maintenance		1,064.06	106.10	71.82	1,241.98
Mine Power			28.84	1,059.71	1,088.55
Mine Yard		166.66	108.66	11.25	286.57
Total for February, 1952	$	3,881.86	422.21	1,321.74	5,625.81
1279/3805 for I-DMA-E2	$	1,304.84	141.92	444.28	1,891.04
Shop		896.00	338.87	60.48	1,295.35
Mine Lamps		56.00	25.00	3.76	84.76
Warehouse		179.48		12.12	191.60
Direct Supervision		1,426.64		96.30	1,522.94
Total	$	2,558.12	363.87	172.66	3,094.65
1279/4641 for I-DMA-E2	$	704.99	100.28	47.58	852.85
Waste Dump	$	141.02		9.53	150.55
1279/2118 for I-DMA-E2	$	85.16		5.75	90.91

I-DMA-E2

FORM MF-104

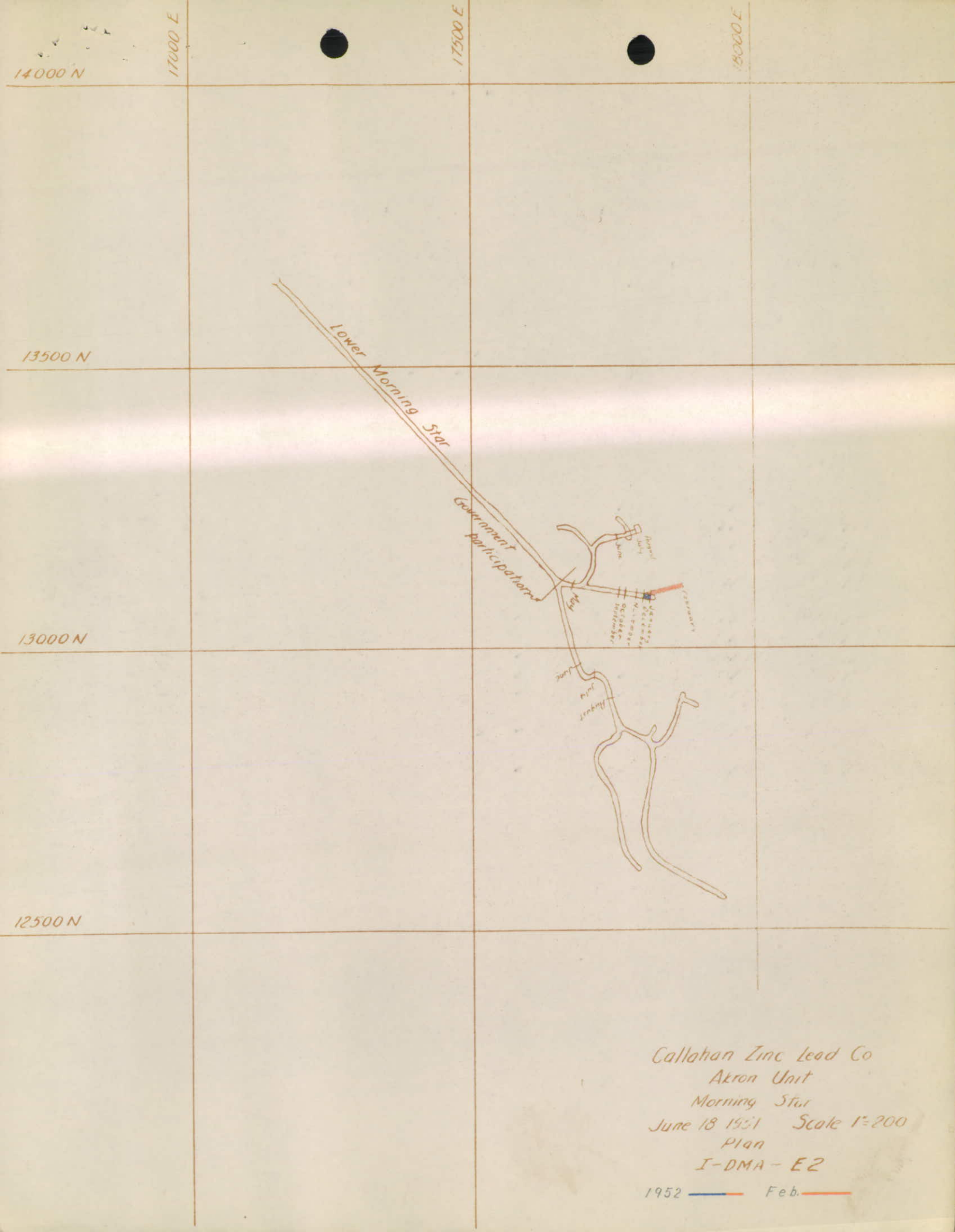
Schedule B

February 1, 1952 to February 29, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

Man Shifts - Company	1685
Man Shifts - I-DMA-E2	180
Man Shifts - Idm-E235	72
Total Man Shifts	1937

		Labor	Supplies	Other	Total
Yard	$	97.02	304.24	6.55	407.81
Boarding House Subsidy				166.40	166.40
Dwellings		166.32	78.65	11.22	256.19
Truck			176.45		176.45
Water System		41.58		2.81	44.39
Roads					
Caterpillar		97.02	173.05	6.55	276.62
Camp-Power				559.37	559.37
General Supervision		636.00		28.62	664.62
Mine Office		503.40	201.65	22.65	727.70
Surveying		822.00	39.39	55.48	916.87
Total	$	2,363.34	973.43	859.65	4,196.42
180/1937 for I-DMA-E2	$	219.62	90.46	79.88	389.96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Lower Morning Star
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Callahan Zinc Lead Co
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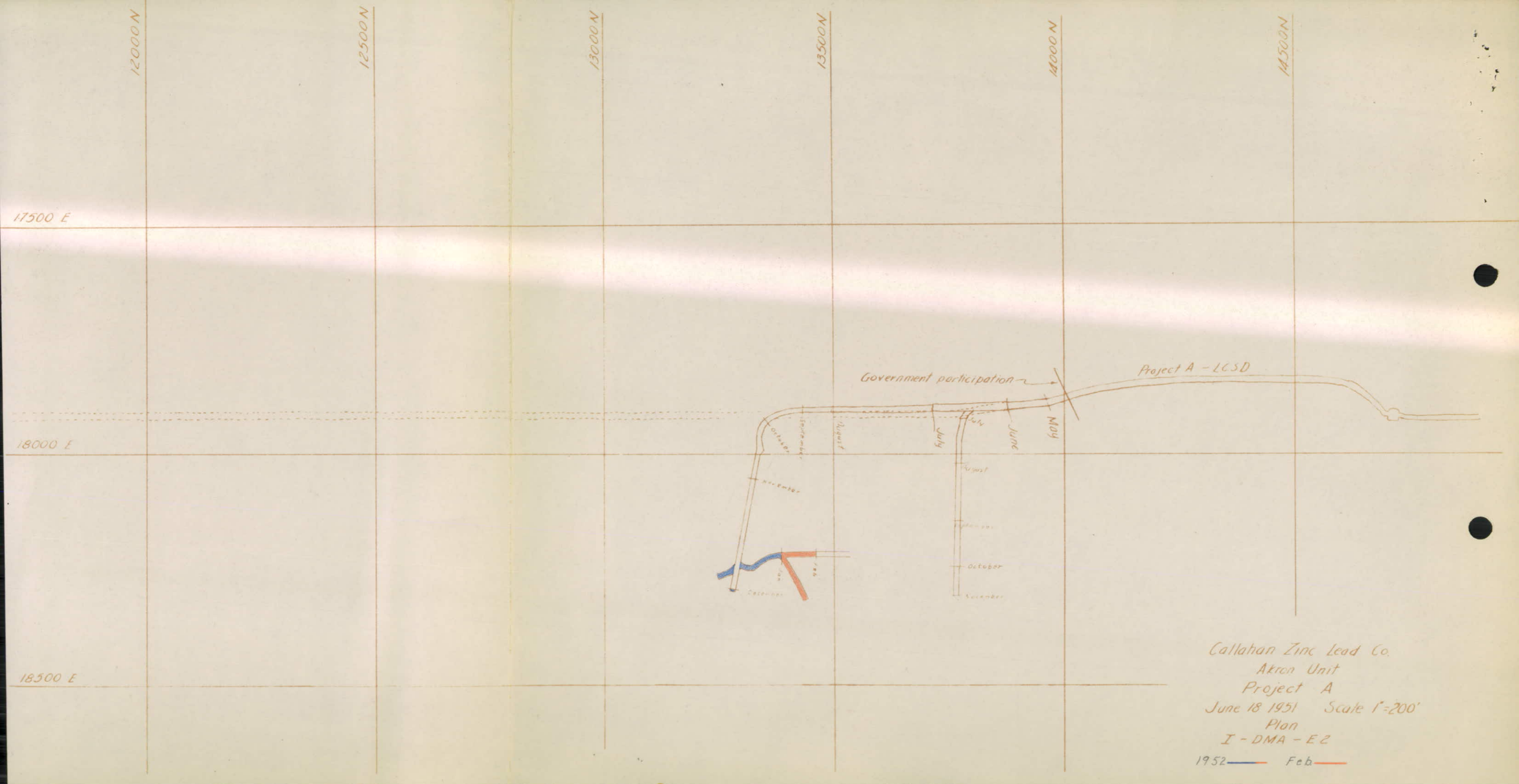
Plan
I-DMA - E2
1952
Feb.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Project A - LCSD
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September
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October
September
Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E2
1952
Feb

LARGE FORMAT DOCUMENTS AT END OF FILE

MF-104
(August 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E I-DMA-E2

Name of Operator CALLAHAN ZINC LEAD COMPANY
Docket No. DMA 110
Total Contract Amount $ 120,000.00
Government Participation: 50% % Amount, $ 60,000.00
Distribution of Expenditures for Month of January 1952

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc Lead Company
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

2/9/52
(Date)

Ass't Superintendent
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator						
Exhibit C						
Contract Form						
MF-200	501.50	3,607.56	4,109.06	501.50	3607.56	4109.06
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

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

224 New Customhouse
Denver 2, Colorado

March 19, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado

Enclosed are the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the month of January, 1952, pertaining to DMA Docket 110, Contract I-DMA-E2, Callahan Zinc_Lead Company, Inc.

W. H. King

W. H. King, for
J. H. East, Jr.

Enclosure

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
MAR 24 8 2 AM '52

224 New Customhouse
Denver 2, Colorado

March 19, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado

Enclosed are the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the month of January, 1952, pertaining to DMA Docket 110, Contract I-DMA-E2, Callahan Zinc_Lead Company, Inc.

W. H. King

W. H. King, for
J. H. East, Jr.

Enclosure

ld

cc: Contract, chron.
Koschmann
Traver, w/1 copy of MF-104.

Schedule DMA 52-32

March 13, 1952

$4667.91

WLD 3/17/52

CMH/dd

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
February 25, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division

From: G. M. Harrer

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - January 1952 progress report

Company accounts were checked in detail with R. J. Flynn, assistant superintendent, the evening of February 19, 1952. Operations were discussed generally with J. E. Dunn, superintendent. All items and charges are in order and substantiated. Mr. Flynn has furnished a copy of the detailed expenditures for January which is available in the Colorado Branch DMEA files at the Denver Federal Center.

In the investigation of expenditures listed in the "Monthly Summary Cost Statement", form MF-104, items showing no charges for the month are omitted from discussion.

Item 2 (e). Rental equipment furnished by the operator, charged at $501.50, is allowed in accordance with the contract (see separate inventory).

Items 4 and 5. Labor and supervision costs were found correct and are allowed, providing the wage increase mentioned in the October, November, and December monthly progress reports has been accepted. In the absence of instructions on this matter to date, it is assumed they will be allowed; 1,024 man hours during November, 1,152 man hours during December 1951, and 856 man hours during January 1952 are affected by the wage increase.

Mr. Flynn has elaborated on his payroll by computing the daily rate of contract laber from contract earnings divided by time.

Items 6 (a), (b), (c), and (d) are correct, allowed, and verified by engineering department contract data and company accounts. A detailed list of all direct supplies used on the contract during January, with costs and prorations, is in the Colorado Branch DMEA files at the Denver Federal Center.

An inventory was made of all purchases with potential salvage and resale value or new cost up to January 31, 1952. All very small items and those expendable and of questionable salvage value are totalled only. They are readily located in company files.

Item 7. The total power bill for January was receipted paid to the Public Service Company of Colorado on February 5, 1952. Of this total, $831.59 is allocated to the Akron mine and $436.16 to the Akron camp. Prorations of the above as shown in schedules A and B gives power charges to the project as $220.95 towards mine power and $50.23 towards camp power. The power distribution ($271.18) is correct and allowed.

Item 9 (c): Workmen's compensation insurance was verified and is allowed. The company paid $670.00 into the fund on February 5, 1952, for the entire operation. Social security taxes were verified and are correct.

Item 11. The boardinghouse subsidy of $18.46 is correct and allowed.

Underground progress was checked on February 20 with R. C. Stitzer, company mining engineer, and found to be correct.

Morning Star rehabilitation was advanced 14 feet. Advance was timbered at 18-inch centers over a 9-foot width. The drift was breast boarded off at the 9-foot advance. The collar of the winze below the Morning Star level was retimbered to a depth of 8 feet as reported.

The south drift of the Akron level was advanced 3 feet to the east. The contact between the limestone and porphyry was then followed for a distance of 35 feet to the southeast and 107 feet to the northwest. Thirty-nine standard 5-1/2 x 7 foot drift sets were placed.

The Lost Contact south drift crosscut No. 2 was not advanced during January.

Expenditures of $9,335.82 by Callahan Zinc-Lead Company, Inc., for the month of January 1952 are approved. U. S. Government participation will be $4,667.91.

C. M. Harrer

C. M. Harrer,
Mining Engineer

cc 5
AHKoschmann
E2
DMEA Chron.

February 9, 1952

Mr. J. H. East, Jr., Regional Director Bureau of Mines
224 New Customs House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operators monthly progress report # MF-104, covering the period of January 1, to January 31, 1952 inclusive.

Drifting north and south on the dike contact on the lower level to date is 145 feet. This work along the foot wall of the dike is being concentracted on extending the face north. The south face has been stopped a short distance out from the cross cut. The north drift is past the 100 foot mark and we are ready to start cross cutting to the hanging wall of the dike. All advance has required timbering.

Mineralization along the foot wall of the dike contact has been almost continuous but erratic with nothing of commercial value to date. The westerly strike of the dike brings up the probability that we may have a section of limestone remaining between the hanging wall of the Porphyry and the Granite which would be favorable for ore deposition.

Morning Star rehabilitation totaled 14 feet of drift. This advance completes level work for the present. The collar of the shaft above the old water level was in bad shape and 8 feet of this was completely retimbered below the level. Water in the shaft has dropped to a point below the winze level and continues to drop rapidly. Evidence now indicates that there probably is another level at an unknown distance below the indicated winze level. Pending Bureau of Mines approval, we plan to replace old timber in the shaft down as far as the opening extends.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn, Superintendent

JED:ds
encl.

COPY

I-DMA-82

Payroll for January, 1952

Direct Labor

Name	Occupation	Man * Shifts	Rate	Gross Earnings $	FOA SUI & FUI $
Ralph Alloy	Piecework Miner	4	17.51	70.04	3.15
Don Austin	" "	26	"	455.15	20.48
William Bobst	" "	1	"	17.51	.79
Walter Brashers	" "	3	"	52.53	2.36
L. B. Cahill	" "	2	"	35.02	1.58
N. Coates	" "	3	"	52.53	2.36
C. L. Flick	" "	1	"	17.51	.79
Clyde Hackney	" "	25	"	437.75	19.70
Stanley Houle	" "	15	"	264.48	11.90
Sheldon Houle	" "	13	"	233.92	10.53
C. Janson	" "	2	"	35.02	1.58
Don Kellogg	" "	1	"	17.51	.79
Frank Mc Mullen	" "	6	"	105.06	4.73
W. F. Monson	" "	3	"	52.53	2.36
G. Morgan	" "	1	"	17.51	.79
C. Nachtrieb	" "	22	"	386.08	17.37
Tom Nisbeth	" "	1	"	17.51	.79
C. Porterfield	" "	2	"	35.02	1.58
William Richardson	" "	9	"	153.06	6.89
W. E. Roberts	" "	3	"	52.53	2.36
Les Taylor	" "	25	"	433.60	19.51
Sub-total		168		2,941.87	132.39
Ray Hicks	" "	25	23.28	581.92	26.19
W. N. Monson	" "	25	23.28	581.92	26.18
Sub-total		50		1,163.84	52.37

Indirect Prorated Labor

Walter Brashers	Tunnel Maintenance	4	11.84	47.50	2.14
Henry Brinker	Timber Fr. & Comp.	13	11.52	153.07	6.89
Ben Flick	Piecework-Tram	6	19.59	124.19	5.59
L. Flynn	Clerk	7	10.56	77.95	3.51
George Gaden	Warehouseman	3	11.84	34.06	1.53
A. M. Iverson	Tunnel Maint.	9	11.20	100.71	4.53
W. Fred Monson	Tunnel Maint.	4	11.84	47.50	2.14
Bill Pearson	Piecework-Tram.	7	19.59	134.70	6.06
L. Saxton	Piecework-Tram.	7	19.59	134.70	6.06
George Sheldon	Carpenter	5	12.80	66.73	3.00
Hiram Sheldon	Timber Fr. & Comp.	13	11.52	153.08	6.89
George Settle	Waste Dump Man	6	11.84	74.52	3.35
John Stitzer	Engineer	2		47.33	2.13
Ralph Stitzer	Engineer	2		47.33	2.13
Elmer Wahl	Mechanic	16	13.76	225.66	10.15
Stuart Wahl	Electrician	3	13.76	35.63	1.60
Sub-total		107		1,504.66	67.70

Supervision Prorated

J. E. Dunn	Superintendent	3		63.46	2.86
W. E. Roberts	Shift Boss	7	14.72	105.96	4.77
O. F. Statler	Mine Foreman	6		110.95	4.99
L. P. White	Shift Boss	8	14.72	115.95	5.22
Sub-total		24		396.31	17.84
Grand Total		349		6,006.68	270.30

I-DMA-E2

FORM MF-104

Schedule A

January 1, 1952 to January 31, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore	1522
Tons Waste Akron	1167
Tons Waste E-2	973
Total Tons	3662

		Labor	Supplies	Other	Total
Tramming	$	1,481.32	252.17	100.70	1,834.19
Compressed Air and Timber Framing		998.40	45.02	67.88	1,111.30
Shop		849.30	357.78	57.75	1,264.83
Main Tunnel Maintenance		736.57	609.18	50.08	1,395.83
Mine Lamps		59.60	25.37	4.05	89.02
Mine Power		74.50	50.13	836.65	961.28
Warehouse		128.20		8.72	136.92
Direct Supervision		1,252.76		85.17	1,337.93
Mine Yard		153.84	16.02	10.46	180.32
Total for January, 1952	$	5,734.49	1,355.67	1,221.46	8,311.62
973/3662 for I-DMA-E2	$	1,523.66	360.20	324.55	2,208.41
Waste Dump	$	163.90		11.15	175.05
973/2140 for I-DMA-E2	$	74.52		5.07	79.59

I-DMA-E2

FORM MF-104

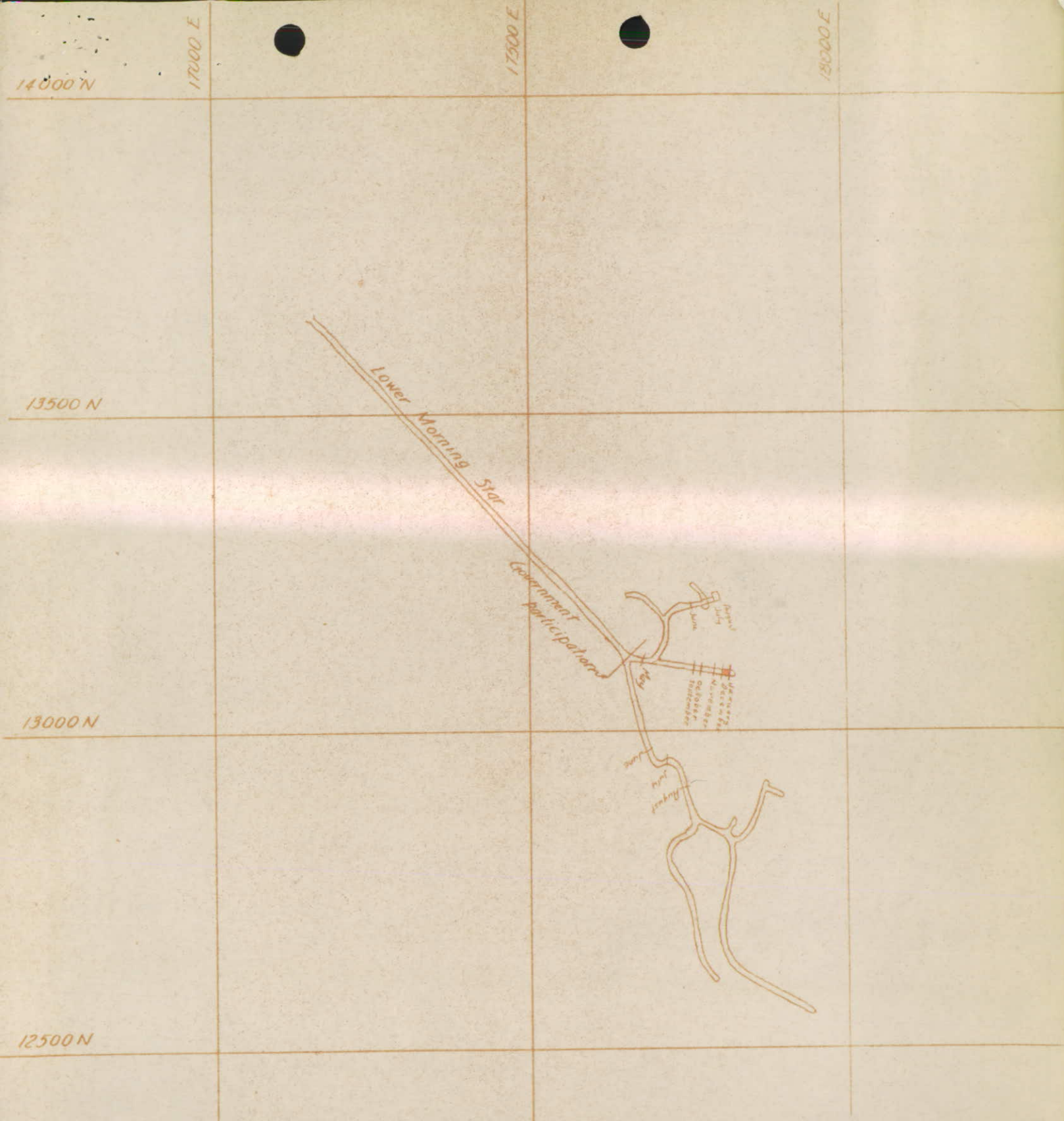
Schedule B

January 1, 1952 to January 31, 1952

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

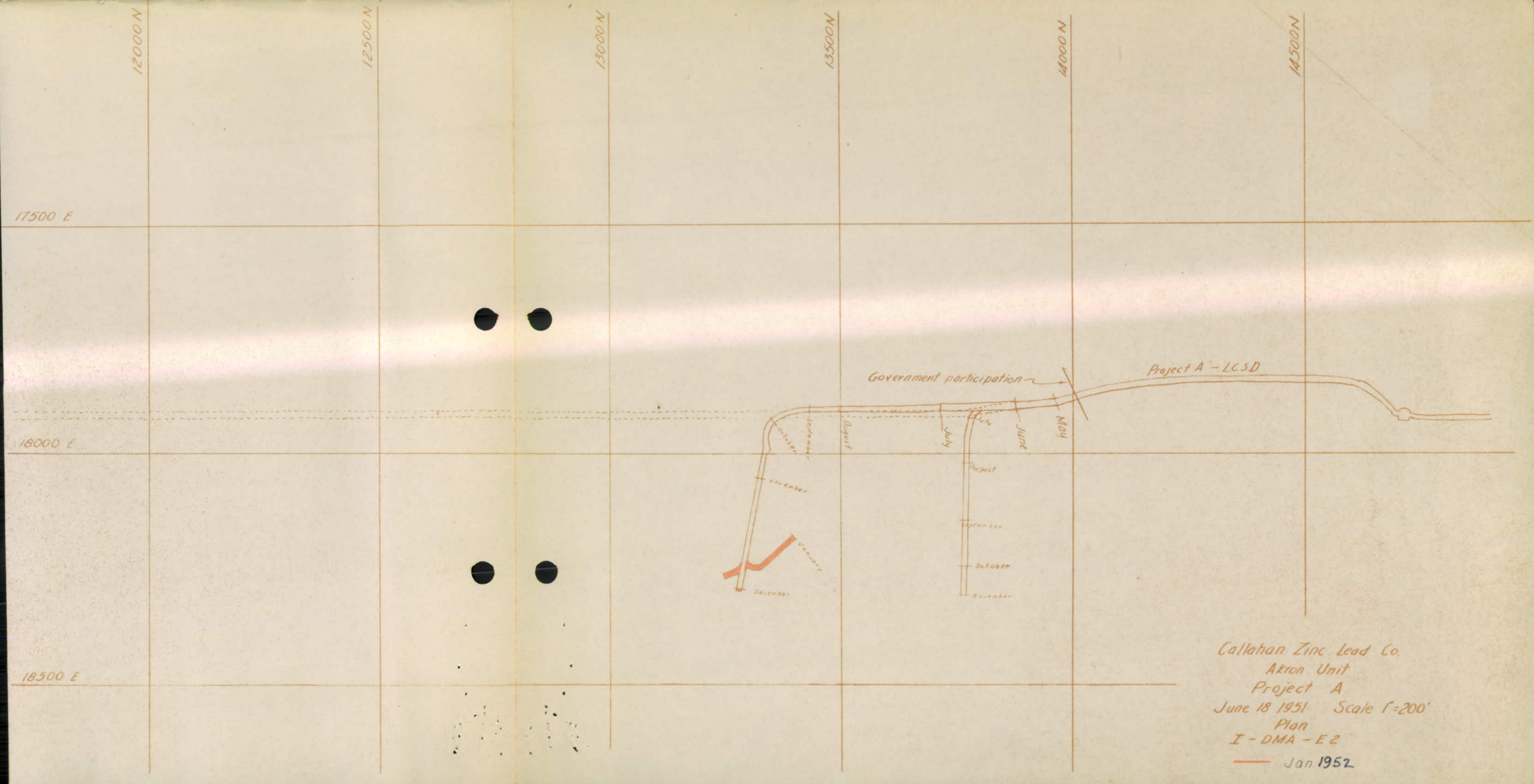
Man Shifts - Akron	1675
Man Shifts - I-DMA-E2	218
Total Man Shifts	1893

	Labor	Supplies	Other	Total
Camp-Yard	$ 97.09	278.01	6.37	381.47
Boarding House Subsidy			153.10	153.10
Dwellings	89.35	166.62	4.55	260.52
Truck	38.46	215.17	2.52	256.15
Water System	110.96	1.57	7.27	119.80
Roads	152.57		10.01	162.58
Caterpillar	110.96	363.18	7.27	481.41
Camp-Power			436.16	436.16
General Supervision	551.00		24.80	575.80
Mine Office	676.90	204.15	37.51	918.56
Surveying	822.00	4.64	55.89	882.53
Total for January, 1952	2,629.29	1,253.34	745.45	4,628.08
218/1893 for I-DMA-E2	302.79	144.34	85.85	532.98



Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951 Scale 1"=200
Plan
I-DMA-E2

—— Jan. 1952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Government participation
Project A - LCSD
May
June
July
August
September
October
November
December
January
Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E 2
Jan. 1952

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	5,610.37	47,735.81	53,345.81	5,610.37	47,735.44	53,345.81
5. Supervision	396.31	2,600.49	2,996.80	396.31	2600.49	2996.80
6. Supplies						
(a) Timber	654.69	4,698.22	5,352.91	654.69	4,698.22	5352.91
(b) Explosives	554.70	4,924.08	5,478.78	554.70	4924.08	5478.78
(c) Repair Parts	11.10	795.55	806.65	11.10	795.55	806.65
(d) Other	912.53	11,402.97	12,315.50	912.53	11,402.97	12,315.50
7. Power	271.18	2,347.32	2,618.50	271.18	2,347.32	2,618.50
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	134.68	1,316.45	1,451.13	134.68	1,316.45	1,451.13
	270.30	1,253.33	1,523.63	270.30	1,253.33	1,523.63
10. Contract Work						
11. Other (specify)						
Bd. House Subsidy	18.46	123.26	141.72	18.46	123.26	141.72
Misc.		185.19	185.19		185.19	185.19
Total	9,335.82	80,989.86	90,325.68	9335.82	80,989.86	90,325.68
Deletions						
Adjusted totals						
Totals previously reported	80,989.86			80,989.86		
Totals to date	90,325.68			90,325.68		

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer WMT
Amount approved for payment 4667..91 IVY
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF January 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	4,795.10	483.63	1,765.74	597.28	7,641.75	ft.	145	1043	1188	(2200
Crosscutting						ft.		416	416	(
Raising						ft.				500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,211.58	17.87	367.28	97.34	1,694.07	ft.	22	585	607	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
[illegible]t pits										
Other (specify)										
Totals	6,006.68	501.50	2,133.02	694.62	9,335.82		167	2044	2211	3900

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

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

MF-104
(August 1951)

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

Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E I-DMA-E2

Name of Operator Callahan Zinc-Lead Company
Docket No. DMA 110
Total Contract Amount $ $ 120,000.00
Government Participation: 50 % Amount, $ 60,000.00
Distribution of Expenditures for Month of December 1951

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

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

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

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

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

CERTIFICATION

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

Callahan zinc-Lead Company
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

1/14/52
(Date)

Ass't Superintendent
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator						
Exhibit C Contract Form MF-200	501.50	3,106.06	3,607.56	501.50	3106.06	3607.56
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

Sched 52-25-9

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: February 21, 1952
Payee's
Reference: Progress Report
December 1951

Callahan Zinc-Lead Company
100 Park Avenue
New York 7, N. Y.

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount claimed $ 11,365.41

Difference $ - 65.00

Amount Approved $ 11,300.41

The reason for the difference was due to:

Purchase of air receiver disallowed - Not authorized by contract **$65.00**

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV - B&F Form No. 4
5-1-51 - 1M

Mining Division
Region IV

February 18, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - Operator's Monthly Progress Report for the period of December, 1951.

Enclosed are the original and three copies of F orm MF-104, Narrative Report, and Engineer's Report for the above period.

Work accomplished is in accordance with the contract and payment is recommended for the amount of $5,650.21, which is 50 per cent of the total of $11,300.41, which reflects a disallowance of $65.00 for the purchase of an air receiver.

An amendment is in process to include trammers on a piece work basis with miners; to authorize the general wage increase effective November 1, 1951, and to clarify classes and numbers of labor and supervisory personnel.

W. H. King
W. H. King

Enclosures

JWT:oc

cc: DMA Contract, Chron.
AHKoschmann
WMTraver

UMH/dd

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
January 24, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division

From: C. M. Harrer

Subject: DMA 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Inc., Gunnison County, Colorado - December 1951 progress report

Company accounts were checked in detail with R. J. Flynn, assistant superintendent, during the evening of January 22, 1952. Operations were discussed generally with J. E. Dunn, superintendent. All items and charges are in order and substantiated. Mr. Flynn has furnished a copy of the detailed expenditures for December which is available in the Colorado Branch DMEA files at the Denver Federal Center.

Under item 2 (e) of the "Monthly Summary Cost Statement", the allowable rental of $501.50 included the following equipment on the Akron level:

1 Kimco mucking machine, model 12B, serial no. 2146.
1 Pneumatic drill Jumbo, mine built.
2 D-79 Gardner-Denver automatic drifters, serial nos. E581 and E661, with two standby units of Ingersoll Rand automatic DA-30 drifters, serial nos. 502017 and 501935.
16 25-cu.ft., C. S. Card, side dump mine cars.
1 Greenburg 3-ton battery electric locomotive. (Note: Two of the above type locomotive, serial nos. 2059 and 2120, are on the property and are used interchangeably.
2 Complete sets of batteries and battery cases for the above locomotives.
1 Hartner, 3 kilowatt - 60 cycle - 440 volt, locomotive battery charger.
1 Canton car transfer, 24-inch gauge.
1 Coppus, 15 horsepower, TM-8 ventilation blower, serial no. A-5904.
2 Worthington duplex plunger pumps, air driven, sizes 4-1/2 x 3-3/4 x 4 and 3 x 2 x 3, with serial nos. 1240475 and 1317535.
3 Sullivan S-91 pneumatic stoper drills, one of which is in reserve, used for raising, roof bolting, and plugging. Serial nos. 101695, 101721, and 103665.
2 Sullivan, type S-211, air hoists, tuggers, serial nos. 17406 and 17421, held for use in raises.
1 Coppus, 2-1/2 horsepower, TM-5 ventilation blower, serial no. A4520, is held as a spare and will be used in crosscut and raise ventilation.

1 Sullivan double drum, S-211, slusher, serial no. 17630, is in reserve and may be used in crosscuts.
1 Du Pont No. 50 blasting machine, serial no. 11228.

The Morning Star is equipped with:

1 Dodge, army-style ambulance, model WC-1941, serial no. 81526311.
2 16-cu.ft., 18-inch gauge, end dump mine cars.

Items 4 and 5: Labor and supervision costs were found correct and allowable, providing the wage increase mentioned in the October and November monthly progress reports has been allowed. In the absence of instructions, it is assumed they will be allowed. For the record, 1,024 man hours during November and 1,152 man hours during December, 1951, are affected by the wage increase.

Items 6 (a), (b), (c), and (d) are correct and allowed with the exception of an included 2-1/2 x 6-foot compressed air receiver purchased for $65.00 which will be placed near the end of the Akron drift to improve compressed air supply. This item is disallowed until taken care of by an amendment to the contract. A detailed list of direct supplies used on the contract during December, with costs and prorations, is in the Colorado Branch DMEA files at the Denver Federal Center.

Item 7: The total December power bill rendered by the Public Service Company of Colorado was $2,880.21 and was paid by the company on January 8, 1952. Of this total, $892.47 is allocated to the Akron mine and $465.81 to the Akron camp. Proration of the above as shown in schedules A and B gives power charges to the project as $281.54 towards mine power and $55.05 towards camp power. The power distribution is correct ($336.59) and is allowed.

Item 9 (c): Workmen's compensation insurance is allowed and was verified. The company paid $1,543.50 into the fund on January 8, 1952, for the entire operation. Social security taxes were verified and are correct.

Item 11: The boardinghouse subsidy is correct and allowed.

Underground progress was checked on December 23 with R. C. Stitzer, company mining engineer, and found to be correct.

Morning Star rehabilitation was advanced 12 feet to the west edge of the winze. Advance was timbered at 18-inch centers over a 9-foot width. Rehabilitation cost to date exceeds the contract allowance.

The south drift of the Akron level was advanced 243 feet as reported and 3 sets of timber were placed.

The Lost Contact south drift crosscut No. 2 was not advanced during December. Two sets of timber were placed.

Expenditures of $11,300.41 by Callahan Zinc-Lead Company, Inc., for the month of December 1951 are approved subject to final decision regarding disallowances by the Region IV Mining Division and Audits Section on the items mentioned in the November report.

C. M. Harrer

C. M. Harrer,
Mining Engineer

cc 5
AHKoschmann
E2
DMA Chron.

I-DMA-E2
Payroll for December, 1951

Direct Labor

Name	Occupation	Man * Shifts	Rate	Gross Earnings	FOA SUI & FUI
Ralph Alloy	Piecework Miner	4	25.67	$ 102.68	$ 1.54
Earl Anderson	" "	5	"	128.35	5.78
Don Austin	" "	9	"	231.03	
William Bobst	" "	1	"	25.67	
L. B. Cahill	" "	1	"	25.67	1.16
Clyde Hackney	" "	23	"	580.56	
Carl Hicks	" "	3	"	77.01	1.16
Ray Hicks	" "	16	28.30	455.82	
Stanley Houle	" "	15	25.67	398.56	7.41
J. P. Jones	" "	4	"	94.73	4.26
Don Kellogg	" "	10	"	256.70	11.55
Elias Mendilibar	" "	7	28.30	195.60	
W. N. Monson	" "	23	28.50	650.17	
J. G. Morgan	" "	3	25.67	77.01	
Calvin Nachtrieb	" "	26	"	669.60	30.13
Tom Nisbeth	" "	10	"	256.70	11.55
R. L. Ricke	" "	6	"	162.40	7.31
W. E. Roberts	" "	23	"	584.50	
Les Taylor	" "	10	"	256.70	
Sub-total		199		$ 5,229.46	$ 81.85

Indirect Prorated Labor

Walter Brashers	Timberman	12	11.84	$ 137.34	$ 6.18
Henry Brinker	Surfaceman	12	11.52	138.24	6.22
John V. Brown	Surfaceman	12	11.52	138.24	6.22
D. T. Eaves	Carpenter	8	12.80	102.40	4.61
Ben Flick	Piecework Tram.	8	20.33	162.64	
L. Flynn	Bookkeeper	7	10.56	77.46	1.16
George Gaden	Warehouseman	6	11.84	72.48	3.26
A. M. Iverson	Timberman	12	11.84	140.08	2.10
W. F. Monson	Timberman	11	11.84	134.98	6.07
Bill Pearson	Piecework Tram.	8	20.33	162.64	
L. Saxton	Piecework Tram.	7	20.33	142.78	6.42
George Settle	Mechanic	9	13.76	127.00	
George Sheldon	Carpenter	7	12.80	84.21	
Hiram Sheldon	Surfaceman	12	11.52	138.24	
Ralph Stitzer	Engineer	4		95.52	4.30
Elmer Wahl	Mechanic	9	13.76	126.99	
Stuart Wahl	Electrician	5	13.76	74.81	
Sub-total		149		$ 2,056.00	$ 46.54

Supervision Prorated

J. E. Dunn	Superintendent	5		$ 64.42	
O. F. Statler	Mine Foreman	8	17.13	140.48	
L. P. White	Shift Boss	7	17.13	119.91	
Sub-total		18		$ 324.81	
GRAND TOTAL		366		$ 7,610.27	$ 128.39

* Correct to nearest man shift.

I-DMA-EZ

FORM MP-104

Schedule A

December 1, 1951 to December 31, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-EZ on the basis of tons of ore and waste handled.

Tons Ore	821
Tons Waste-Akron	1362
Tons Waste-I-DMA-EZ	1006
Total Tons	3189

		Labor	Supplies	Other	Total
Tramming	$	1,483.73	47.55	101.86	1,633.14
Compressed Air & Timber Framing		1,500.28	337.56	122.42	1,960.26
Shop		805.14	195.05	44.23	1,044.42
Main Tunnel Maintenance		864.77	90.00	78.51	1,033.28
Mine Lamps		44.73	54.45	2.46	101.64
Mine Power		175.66	84.74	892.47	1,152.87
Warehouse		229.77		22.95	252.72
Direct Supervision		825.44		45.35	870.79
Mine Yard		256.73	13.59	28.02	298.34
Total for December, 1951	$	6,186.25	822.94	1,338.27	8,347.46
1006/3189 for I-DMA-EZ	$	1,951.51	259.60	422.17	2,633.28
Waste Dump	$	283.75	45.00	26.44	355.19
1006/2368 for I-DMA-EZ	$	120.55	19.12	11.23	150.90

I-DMA-E2

FORM MF-104

Schedule B

December 1, 1951 to December 31, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

Man Shifts - Akron	1485
Man Shifts - I-DMA-E2	199
Total Man Shifts	1684

		Labor	Supplies	Other	Total
Camp - Yard	$	189.17	502.88	10.39	702.44
Boarding House Subsidy				124.80	124.80
Dwellings		194.18	130.36	10.67	335.21
Trunk			236.11		236.11
Water System		40.54	4.93	2.23	47.70
Roads		108.10		5.94	114.04
Caterpillar		27.02	158.07	1.48	186.57
Camp - Power		44.75	51.53	465.81	562.07
General Supervision		545.15			545.15
Mine Office		655.52	93.29	9.82	758.63
Surveying		808.30	34.46	80.80	923.56
Total for December, 1951	$	2,612.71	1,171.63	711.94	4,496.28
199/1684 for I-DMA-E2	$	308.75	138.45	84.13	531.33

January 14, 1952

Mr. J. H. East, Jr.
Regional Director, Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report, Form MF-104, covering the period December 1 to December 31, 1951, inclusive.

The main drift face advanced 243 ft. on a S 80 E bearing. This advance cut the 50 ft. porphyry dike and the face is now stopped on the granite-porphyry contact. A great deal of movement containing some drag ore is evident on the hanging wall of the dike. The dip is under 45 degrees. The showing on the footwall of the dike was from 2 to 3 inches of good ore in place.

A survey of ground conditions in the crosscut indicates that it is not feasible to drift on the hanging wall of the dike as it would be next to impossible to hold any type of timber there. We therefore plan to start drifting on the footwall showing immediately. As the flattened dip throws the north-raking ore body further north than was originally indicated, we will push drifting in that direction first with the plan to extend the drift north about 200 ft. The hanging wall vein will be crosscut at 100 ft. intervals. Raising would then be started from this drift and the connection completed from the first crosscut which is further north. Although we originally contemplated some diamond drilling, it would not be satisfactory due to the heavy gouge within and on the walls of the porphyry dike.

Morning Star rehabilitation through the old shaft station advanced 12 ft. We plan to complete this immediate objective during January and will do enough work toward reopening the shaft to ascertain condition of timber.

The face of crosscut # 2 on the main Akron level caved into a water course with a flow of from 10 to 15 gallons per minute that is evidently draining Morning Star work, as the water level in shaft # 1 in the Morning Star has dropped to 25 ft. below the level.

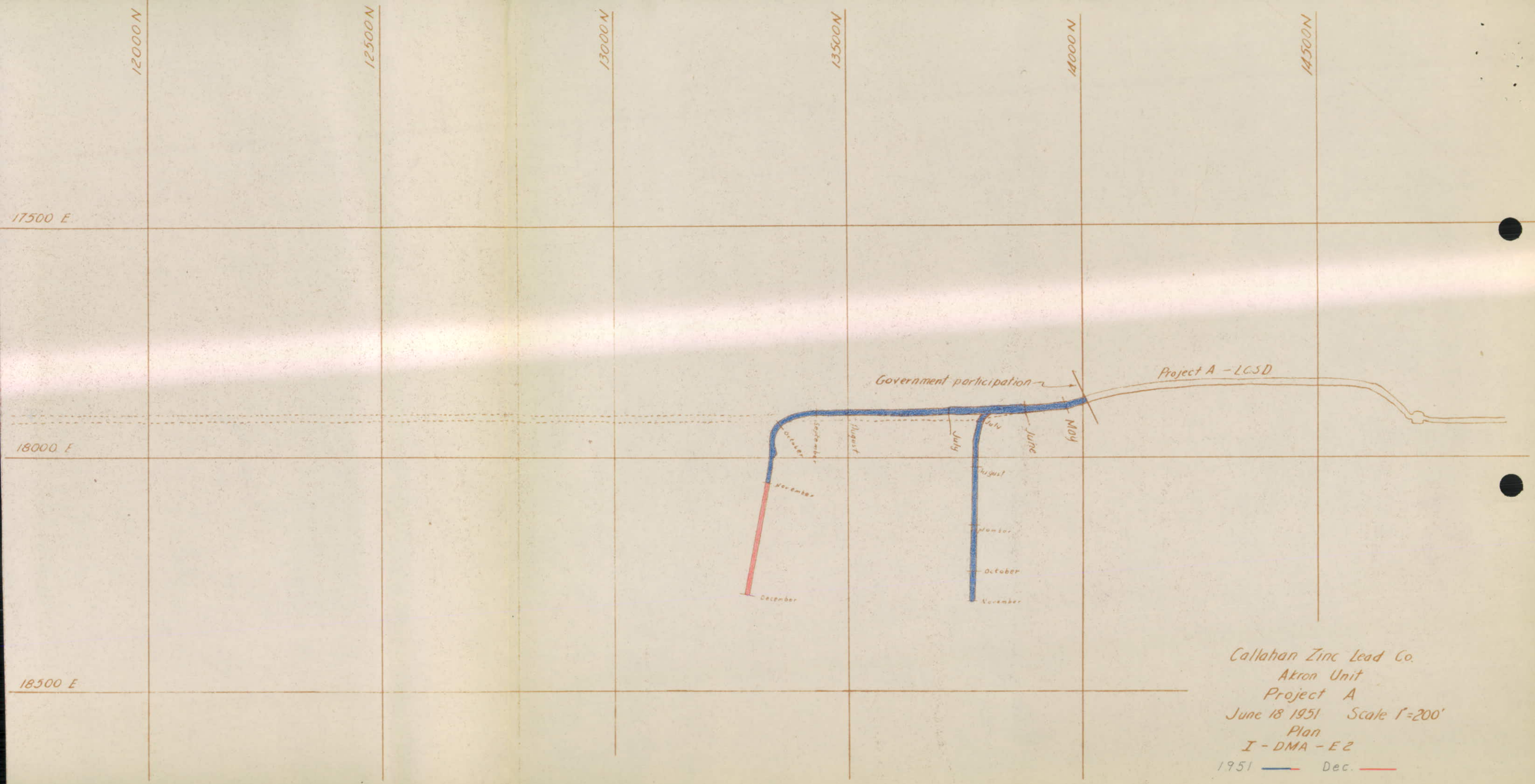
Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

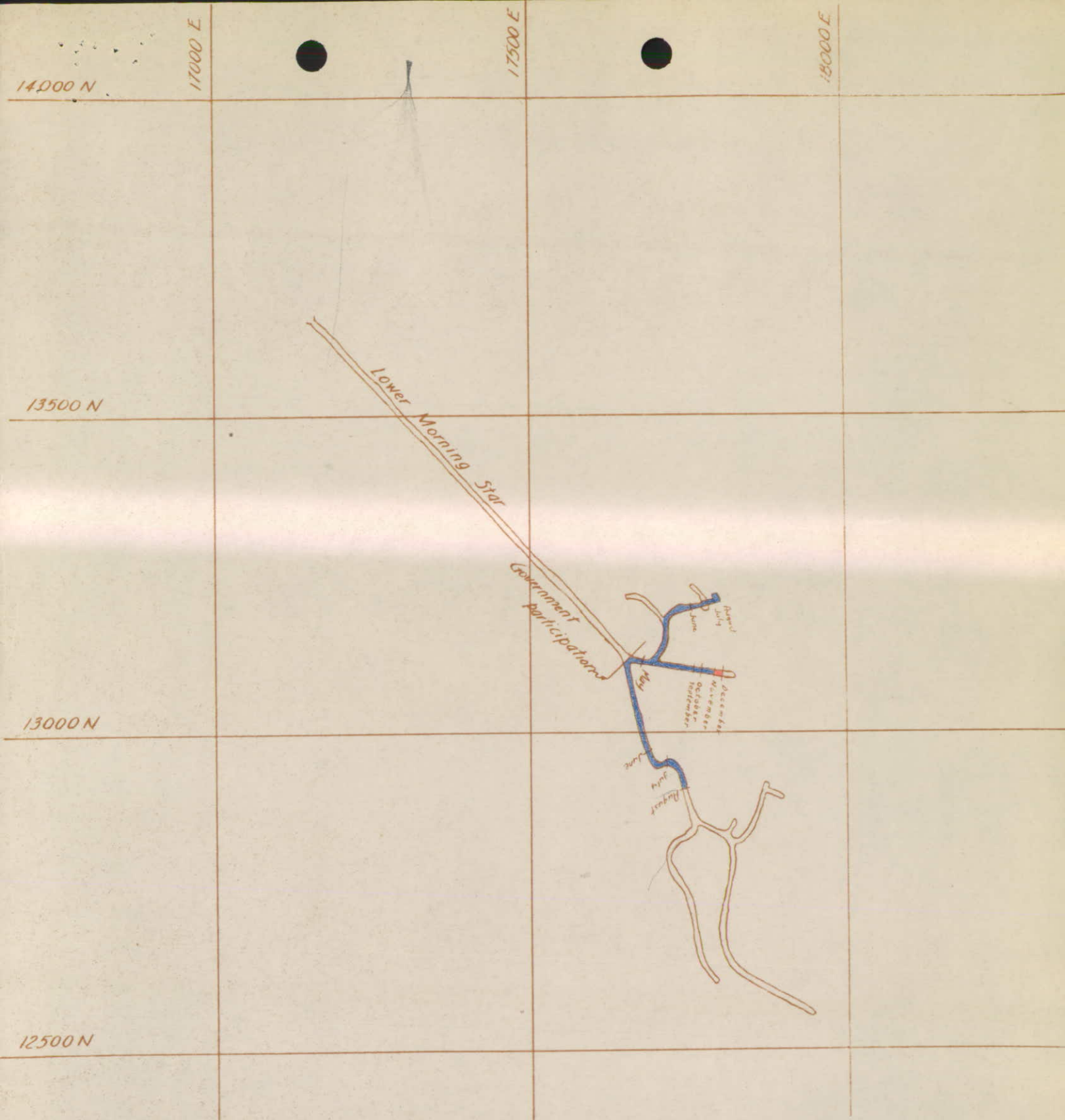
J. K. Dunn
Superintendent

COPY

JED:lf
Enc.



Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E2
1951 —— Dec. ——



Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951 Scale 1"=200
Plan
I-DMA-E2

1951 —— Dec. ——

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	7,285.46	40,449.98	47,735.44	7285.46	40,449.98	47,735.44
5. Supervision	324.81	2,275.68	2,600.49	324.81	2275.68	2600.49
6. Supplies						
(a) Timber	228.29	4,469.93	4,698.22	228.29	4469.93	4698.22
(b) Explosives	981.40	3,942.68	4,924.08	981.40	3942.68	4924.08
(c) Repair Parts	5.10	790.45	795.55	5.10	790.45	795.55
(d) Other	1,152.18	10,250.79	11,402.97	1087.18	10,250.79	11,337.97
7. Power	336.59	2,010.73	2,347.32	336.59	2010.73	2347.32
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	406.94	909.51	1,316.45	406.94	909.51	1316.45
SS Taxes	128.39	1,124.94	1,253.33	128.39	1124.94	1253.33
10. Contract Work						
11. Other (specify)						
Bd. House Subsidy	14.75	108.51	123.26	14.75	108.51	123.26
Misc.		185.19	185.19		185.19	185.19
Total	11,365.41	69,624.45	80,989.86	65.00	69,624.45	80,924.86
Deletions				11,300.41		
Adjusted totals				69,624.45		
Totals previously reported	69,624.45			80,924.86		
Totals to date	80,989.86					

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer WMT
Amount approved for payment
Remarks $5650

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF December, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	6,026.78	483.63	2,120.59	775.51	9,406.51	ft.	243	800	1043	(2200
Crosscutting	170.53	--	7.29	19.11	196.93	ft.	—	416	416	(
Raising						ft.				500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,412.96	17.87	239.09	92.05	1,761.97	ft.	12	573	585	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	7,610.27	501.50	2,366.97	886.67	11,365.41		255	1789	2044	3900

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

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

MF-104
(April 1951)

Budget Bureau No. 42-R1036.1.
Approval expires 8-31-51.

Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc-Lead Company
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

12/12/51
(Date)

Ass't Superintendent
(Title)

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

16—64068-2

MONTHLY SUMMARY COST STATEMENT

Name of operator Callahan Zinc-Lead Company
Project No. DMA IDMA-E2
Total contract amount $ 120,000
Government participation percent 50%

Distribution of Expenditures for Month of November, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	7,170.57	35,555.09	42,725.66	7170.57	35,555.09	42,725.66
Equipment purchase [1]						
Equipment rental [2]	501.50	2,604.56	3,106.06	501.50	2604.56	3106.06
Buildings						
Explosives	663.80	3,278.88	3,942.68	663.80	3278.88	3942.68
Repair parts	57.50	732.95	790.45	57.50	732.95	790.45
Other supplies	1,751.75	12,968.97	14,720.72	1751.75	12,968.97	14,720.72
Power	362.14	1648.59	2,010.73	362.14	1,648.59	2010.73
Transportation						
Withholding taxes						
Compensation insurance	154.02	755.49	909.51	154.02	755.49	909.51
Other insurance S. S. Taxes	116.17	1,008.77	1,124.94	116.17	1008.77	1124.94
Contract work						
Other (specify)	96.43	197.27	293.70	19.80	197.27	217.07
Total	10,873.88	58,750.57	69,624.45	10,797.25	58,750.57	69,547.82
Totals previously reported	58,750.57			58,750.57		
Totals to date	69,624.45			69,547.82		

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer
Amount approved for payment
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

Sched DMA 52-25

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: Feb. 20, 1952
Payee's
Reference: Progress Report
November 1951

Callahan Zinc-Lead Company
100 Park Avenue
New York 7, N. Y.

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount claimed $ 10,873.88

Difference $ - 76.63

Amount Approved $ 10,797.25

The reason for the difference was due to:

Claim for old maps not allowable under terms of contract.....$ 75.00

Bank charge is a general overhead item
and not allowable under Paragraph 10 of the contract..... 1.63

$ 76.63

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV - B&F Form No. 4
5-1-51 - 1M

WMT/amh

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

December 26, 1951

Mining Division
Date Rec'd.
DEC 27 1951
BUREAU OF MINES
Denver, Colorado

Memorandum

To: Chief, Mining Division, Region IV

From: Chief, Colorado Branch, Mining Division

Subject: DMA-110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Gunnison County, Colorado - November 1951, Progress Report

Please find enclosed four copies of the above progress report, form MF-104, and six copies of Harrer's memorandum report covering his inspection.

Payment of $5,436.94, or 50 percent of the total $10,873.88 reported, is approved subject to a decision by the Region IV Mining Division and Audits Section concerning disallowances.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

cc Chief, M. D., Reg. IV
E2
DMA Chron.

CMH/amh

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
December 26, 1951

Memorandum

To: Chief, Colorado Branch, Mining Division

From: C. M. Harrer

Subject: DMA-110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Gunnison County, Colorado - November 1951, Progress Report

Company accounts were checked in detail with R. J. Flynn, assistant superintendent, on December 19. All items and charges are in order and substantiated.

The item Other includes a $75.00 payment to Etienne A. Ritter, consulting mining engineer of Denver, for old maps and information on the Morning Star mine. J. E. Dunn believes this charge is justified as the information and maps bear on the condition and extent of water-filled mine workings between the Morning Star level now undergoing rehabilitation and exploration towards it from the Akron level.

A service charge of $1.63 is also included in Other as prorated banking charges to cover payroll and purchase checks.

A general wage raise of 12 cents is now in effect on hourly rates for all employees and conforms to Wage Stabilization Board standards under general wage regulations No. 6 and 8, National Defense Appendix 32A.

Proposed copies of payrolls to accompany the revised monthly form MF-104 are expected to be a source of confusion in this contract. It should be noted that only part of the payroll is readily presented as directly applicable to men and hours. Part is linked to the mining contract system in operation here, and part is arrived at by a series of allowable prorations.

Underground progress was checked on December 20 with R. C. Stitzer, company mining engineer, and found to be correct.

Morning Star rehabilitation was advanced 21 feet for November, and 15 sets of timber were placed at 18-inch centers.

The South drift of the Akron level, project A, was advanced 148 feet and 15 sets of timber were placed.

The Lost Contact South Drift Crosscut No. 2 was advanced 63 feet and 8 sets of timber were placed.

Expenditures of $10,873.88 by Callahan Zinc-Lead Company for the month of November, 1951, are approved, subject to final decision regarding disallowances by the Region IV Mining Division and Audits Section on the items mentioned above.

for W. M. Graves, Jr.
C. M. Harrer
Mining Engineer

cc 5
AHKoschmann
E2
DMA Chron.

December 12, 1951

Mr. J. H. Dant, Jr.
Regional Director, Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-NE

Dear Mr. Dant:

I am enclosing the operator's monthly progress report, Form MF-104, covering the period November 1 to November 30, 1951, inclusive.

The south drift face advanced 148 ft. It has been swung to a S 60 E bearing which heads it directly toward the projected location of the Morning Star ore bod, at the Akron tunnel level. The month's advance cut a small cross fracture that was carrying almost pure galena. Its maximum width was about 2 inches. Ground conditions are greatly improved and we are now advancing rapidly without timber.

The crosscut was advanced 65 ft. and as the last 30 ft. of advance was into granite, it has been discontinued for the present. We would not contemplate drifting from this point until the main heading is also across the fault zone. Considerable movement is evident on the hanging wall of the porphyry dyke but shows very little mineralization.

Morning Star rehabilitation continues to be concentrated toward opening the main Morning Star winze. We have reached the hoist room and expect to complete retimbering the winze collar before the first of the year. Advance for November totaled 21 ft., all of which was through spiling and breastboard ground.

We continue to have an ample local labor supply.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Du[illegible]
Superintendent

JED:lf
LFC.

I-DMA-E2

FORM MF-104

Schedule A

November 1, 1951 to November 30, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore	1422
Tons Waste - Akron	957
Tons Waste - I-DMA-E2	1164
Total Tons	3543

		Labor	Supplies	Other	Total
Tramming	$	1,374.02	50.92	30.19	1,453.13
Compressed Air & Timber Framing		1,075.72	54.51	59.96	1,190.19
Shop		813.34	198.95	17.87	1,030.16
Main Tunnel Maintenance		367.32	122.92	20.48	510.72
Mine Lamps		39.36	4.06	2.19	45.61
Mine Power			49.45	906.70	956.15
Warehouse		183.66		10.23	193.89
Direct Supervision		901.80		19.81	921.61
Mine Yard		314.84	290.55	17.55	622.94
Total for November, 1951	$	5,070.06	771.36	1,084.98	6,926.40
1164/3543 for I-DMA-E2	$	1,665.68	253.42	356.47	2,275.57
Waste Dump	$	354.23	419.43	19.74	793.40
1164/2121 for I-DMA-E2	$	194.40	230.18	10.84	435.42

I-DMA-E2

FORM MF-104

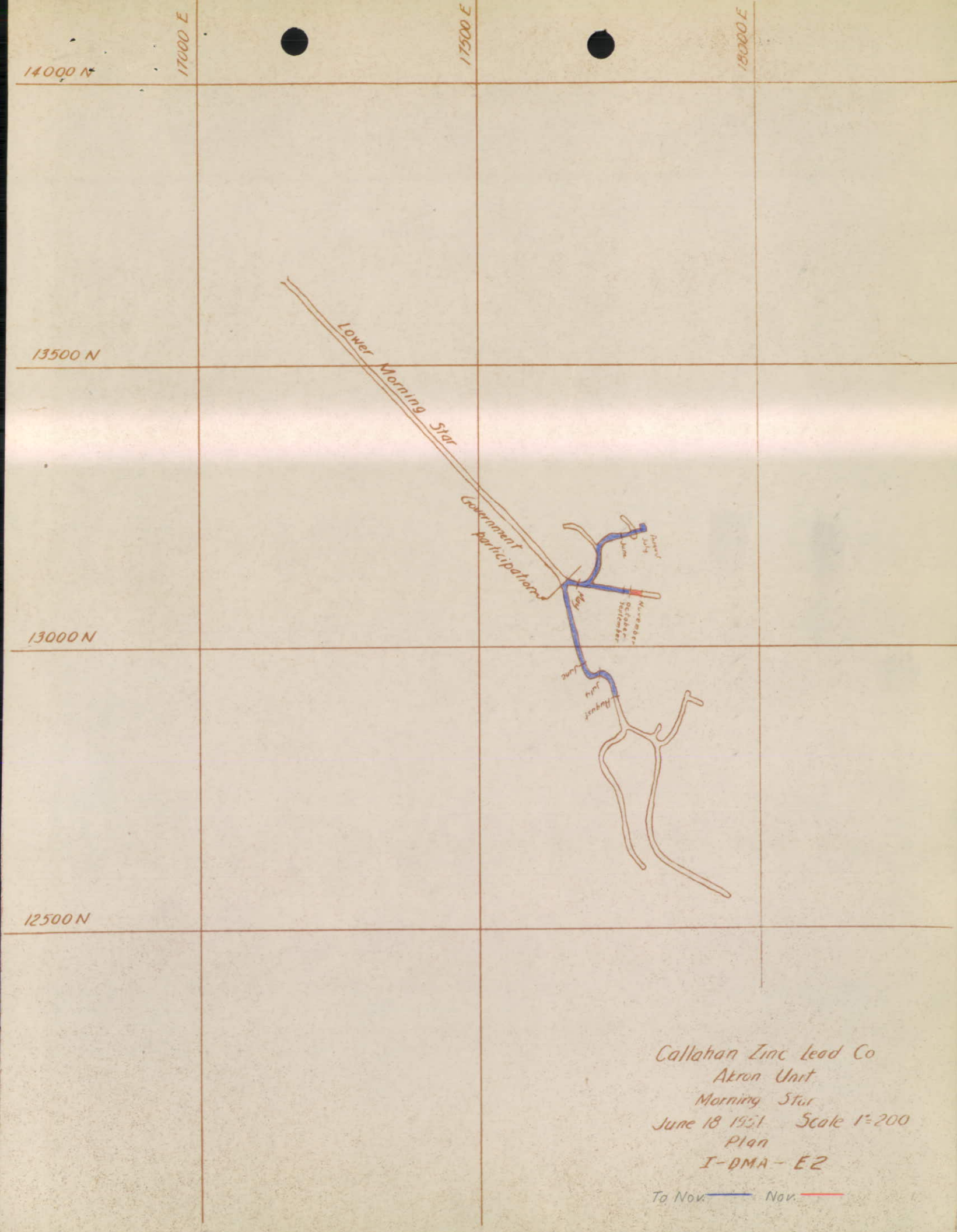
Schedule B

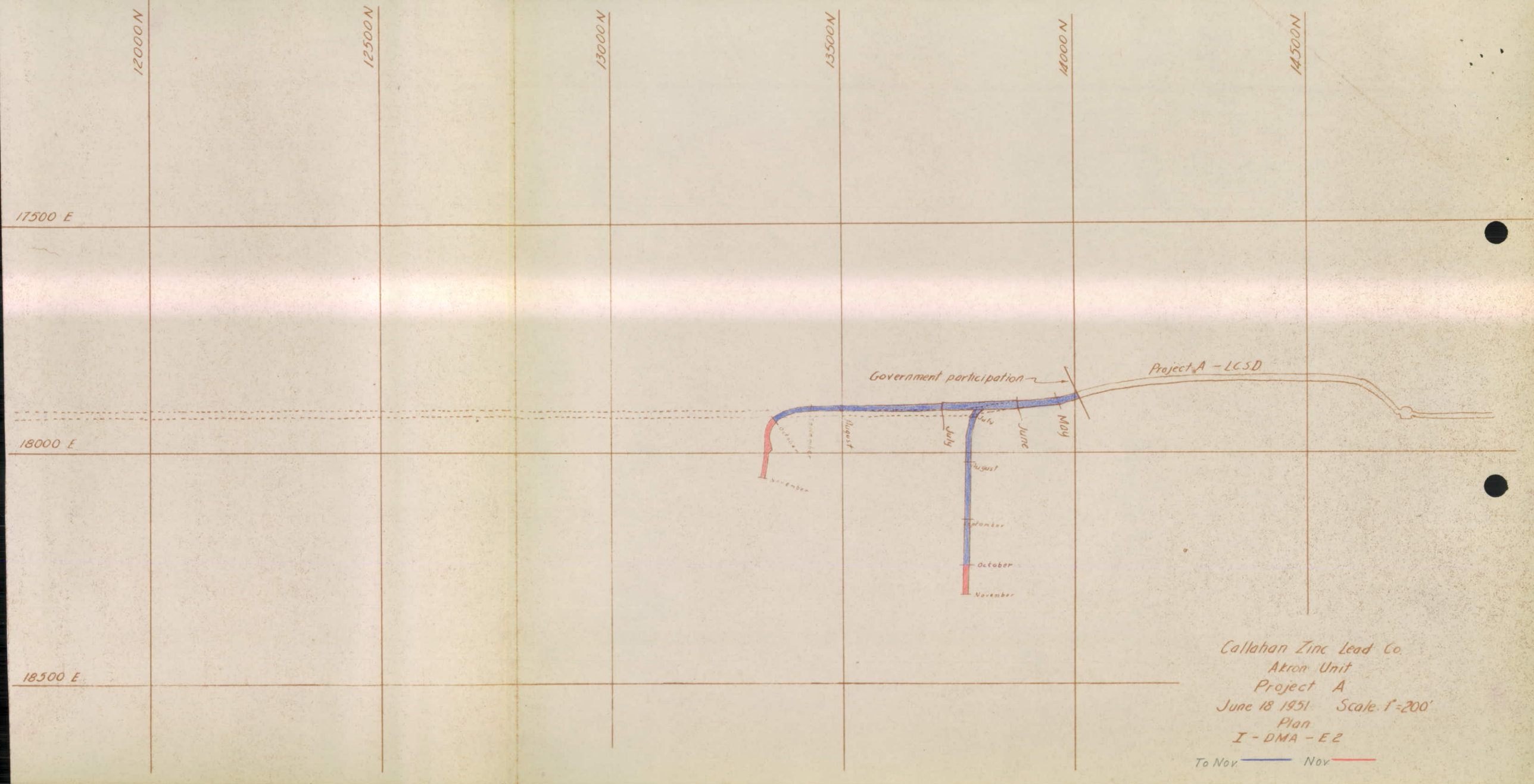
November 1, 1951 to November 30, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

Man Shifts - Akron	1484
Man Shifts - I-DMA-E2	226
Total Man Shifts	1710

		Labor	Supplies	Other	Total
Camp - Yard	$	118.07	96.97	6.58	221.62
Boarding House Subsidy			109.15	149.80	258.95
Dwellings		262.37	474.92	14.64	751.93
Truck			120.97		120.97
Water System		13.12		.73	13.85
Roads		13.12		.73	13.85
Caterpillar		52.47	178.87	2.92	234.26
Camp - Power				486.23	486.23
General Supervision		545.15	3.75		548.90
Mine Office		671.03	202.47	34.98	908.48
Surveying		808.30	8.57	45.06	861.93
Total for November, 1951	$	2,483.63	1,195.67	741.67	4,420.97
226/1710 for I-DMA-E2	$	328.25	158.02	98.02	584.29


17000 E
17500 E
18000 E
14000 N
13500 N
13000 N
12500 N
Lower Morning Star
Government participation
June
July
August
Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951
Scale 1"=200
Plan
I-DMA-E2
To Nov.
Nov.


12000 N
12500 N
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17500 E
18000 E
18500 E
Government participation
Project A - LCSD
May
June
July
August
September
October
November
Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E2
To Nov.
Nov.

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF November, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DME-E2
Total contract amount $ 120,000
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners	8	226	$ 22.05	$ 4,982.24
Muckers				
Trammers	3	24 **	18.82 *	451.41
Timbermen	3	24 **	11.84 ***	284.95
Pumpmen				
Hoistmen				
Surface	3	25 **	11.84	292.58
Samplers				
Assayers				
Shift bosses	2	17 **	17.13	296.27
Mechanics	2	19 **	13.76	267.21
Electricians	1	1 **	13.76	12.93
Blacksmiths				
Carpenters	2	20 **	12.80	255.08
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	3 **	—	72.05
Engineers	1	6 **	—	106.83
Geologists				
Bookkeeper	1	8 **	10.56	88.69
Foreman				
Clerks				
Stenographers				
Other warehouseman	1	5 **	11.84	60.33
Total	28	378	—	7,170.57

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

* Piecework
** Correct to Nearest Manshift only. These men working for entire operation and cost prorated as explained in schedules A and B. *** General wage raise of 12¢ per hour for all employees on 11/1/51.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer W.M. T.
Remarks 5399.44

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF November, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation, percent 50%

Item	Costs					Progress				
	Wages[1] and salaries	Equipment[2] RENTAL	Supplies	Other[3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting	3,933.02	364.08	1,723.68	464.97	6,485.75	ft.	148	652	800	(2200
Crosscutting	1,704.83	119.55	557.83	135.83	2,518.04	ft.	63	353	416	(
Raising						ft.				500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,532.72	17.87	191.54	127.96	1,870.09	ft.	21	552	573	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	7,170.57	501.50	2,473.05	728.76	10,873.88		232	1557	1789	3900

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer
Remarks

MF-104
(April 1951)

Budget Bureau No. 42-R1036.1.
Approval expires 8-31-51.

Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

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

CERTIFICATION

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

CALLAHAN ZINC-LEAD COMPANY
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

11/12/51
(Date)

Ass't Superintendent
(Title)

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

16—64068-2

MONTHLY SUMMARY COST STATEMENT

Name of operator CALLAHAN ZINC-LEAD COMPANY
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation perce 50%

Distribution of Expenditures for Month of October, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	6,941.59	28,613.50	35,555.09	6941.59	28,613.50	35,555.09
Equipment purchase [1]						
Equipment rental [2]	501.50	2,103.06	2,604.56	501.50	2103.06	2604.56
Buildings						
Explosives	500.56	2,778.32	3,278.88	500.56	2778.32	3278.88
Repair parts	102.99	629.96	732.95	102.99	629.96	732.95
Other supplies	2,947.06	10,021.91	12,968.97	2947.06	10,021.91	12,968.97
Power	317.36	1,331.23	1,648.59	317.36	1331.23	1648.59
Transportation						
Withholding taxes						
Compensation insurance	147.44	608.05	755.49	147.44	608.05	755.49
Other insuran & S Taxes	152.74	856.03	1,008.77	152.74	856.03	1008.77
Contract work						
Other (specify)	30.23	167.04	197.27	30.23	167.04	197.27
Total	11,641.47	47,109.10	58,750.57	11,641.47	47,109.10	58,750.57
Totals previously reported	47,109.10					
Totals to date	58,750.57					

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer WM
Amount approved for payment
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

CMH/amh

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
November 20, 1951

Memorandum

To: Chief, Colorado Branch, Mining Division

From: C. M. Harrer

Subject: DMA-110, Contract I-DMA-42, Callahan Zinc-Lead Company, Gunnison County, Colorado - October 1951, Progress Report

I arrived at the property at 3:30 p.m., on November 15, 1951, in a severe blizzard.

Company accounts were checked in detail with R. J. Flynn, assistant superintendent. All items and charges are in order and substantiated.

Wages and salaries are correct in the total column with man shifts correct to the nearest shift.

No equipment was purchased during October.

Equipment rental is on the correct and allowable basis of $501.50.

Explosives includes Dupont 45 percent No. 2 gelatine dynamite, electric and fuse detonators, blasting wire and fuse, and is verified in company accounts.

Repair parts includes three rock drill water needles, two 750 x 16 tires, and one 750 x 16 tube for the transport vehicle.

Other supplies are listed correctly as direct charges and allowable prorations and include 124 feet of 20-pound rail and accessories, and 250 feet of 12-inch vent tube.

Power is distributed correctly by allowable prorations against consumption at the mine and camp.

Compensation insurance is prorated under the rates for mining at $2.352 and clerical at $0.43.

Federal old age benefits, State unemployment insurance, and Federal unemployment insurance are prorated on the basis of earnings bracket and standard rates.

Other items include $16.61 towards the boarding house subsidy; $10.25 to rent a truck to replace the one ordinarily used while it was on a trip to Nevada; $1.53 prorated banking charges; and $1.84 for necessary telegrams, phone calls, et cetera.

The prorated mine lamp rental disallowed last month and just brought to my attention is a charge to mining since the company had a contract with Mine Safety Appliance Company to lease electric cap lamps for use of all underground employees and is the sole source of underground job illumination. Callahan Zinc-Lead Company will waive credit on this item as insignificant. A new contract has recently been signed wherein the lamps are owned by the company and charges will be limited to lamp maintenance and repair parts.

The banking charge which was previously disallowed is a prorated charge to clear wage and salary checks, and payments for supplies.

The item on telegrams and other communication charges are necessary calls to order supplies and secure information necessary to the entire operation. It is prorated.

Next month an increase of 12 cents an hour on day labor and base rates will be in effect. This increase will not effect contract prices.

Underground progress was checked on November 16, with R. C. Stitzer, company mining engineer, and found to be correct.

The Morning Star rehabilitation was advanced only 12 feet for October, with 7 closely spaced sets placed and lagged and included 1,276 board feet of timber. It is to be noted that the entire advance was in running ground. In comparing progress with the previous month of September, it should be noted that the 60 foot advance included 18 feet of caved drift and 42 feet of drift requiring very little rehabilitation.

The South drift of the Akron level, project A, was advanced 88 feet and 24 sets of timber placed. In addition, 16 posts of other sets were replaced due to failure.

The Lost Contact South Drift Crescent No. 2 was advanced 100 feet and 10 sets of timber placed.

Following is a comparison of actual costs with the company's contract estimates and supplements data in the inspection memorandum dated September 27, 1951. Fluctuations in costs are due to very heavy ground not expected and necessary timbering and cribbing.

Cost Comparison

Rehabilitation, Morning Star level

Period (1951)	Estimated Cost per foot	Actual Cost per foot	Footage
September	$10.519	$ 36.35	60
October	10.519	120.59	12

Akron Level, drift to the south

Period (1951)	Estimated Cost per foot	Actual Cost per foot	Footage
September	$34.96	$115.88	62
October	34.96	72.92	88

The Lost Contact South Drift Crosscut No. 2

Period (1951)	Estimated Cost per foot	Actual Cost per foot	Footage
September	$34.96	$ 31.17	123
October	34.96	37.77	100

Expenditures of $11,641.47 by Callahan Zinc-Lead Company for the month of October 1951, are approved.

for Wm. Graves, Jr.
C. M. Harper
Mining Engineer

cc PTAllsman (5)
AHKoschmann
E2
DMA Chron.

Colorado Branch
Date Rec'd
NOV 14 1951
Bureau of Mines
Denver, Colorado

November 12, 1951

Mr. J. H. East, Jr.
Regional Director, Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report, Form MF-104, covering the period October 1 to October 31, 1951, inclusive.

The south drift face was advanced 88 ft. This distance was all through extremely heavy ground and standard drift sets were installed on 2½ ft. centers for a part of the distance. Considerable repair work was also necessary back of the face where some timber placed in September was doubled. Actual advance was stopped for about 10 days for necessary repair.

At present we are cutting a contact as we swing the face toward the vein that promises to be somewhat better ground. The heading is being swung to a S 80 E bearing and will be so continued until it intersects the fault.

The crosscut advanced 100 ft. It was down part of the month to timber a 50 ft. section back of the face. The face, 353 ft. east of the drift, is in a coarse grained rhyolite porphyry. We expect to reach the hanging wall of this daily. Structure within the dike indicates that we are cutting it approximately at right angles to the strike. Drag ore in a small cross fault on the footwall of the porphyry assayed 38½% Zn, 26½% Pb and 25 oz. Ag.

Morning Star rehabilitation was continued toward the main Morning Star winze. Ground conditions have been extremely bad and progress slow. All advance is spiling and breastboard work. Advance for October totaled 12 ft.

While we continue to have an adequate labor supply, all work was handicapped during October by absenteeism. This was due to the Colorado hunting season during October.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

I-DMA-E2

Form MF-104

Schedule A

October 1, 1951 to October 31, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore	1821
Tons Waste-Akron	880
Tons Waste-I-DMA-E2	1124
Total Tons	3825

		Labor	Supplies	Other	Total
Tramming	$	1,498.53	721.55	65.48	2,285.56
Compressed Air & Timber Framing		1,161.47	523.17	50.76	1,735.40
Shop		649.42	169.32	28.38	847.12
Main Tunnel Maintenance		464.84	204.99	20.31	690.14
Mine Lamps		24.98	33.42	1.09	59.49
Mine Power				891.72	891.72
Warehouse		187.33		8.18	195.51
Direct Supervision		848.90	32.62	37.10	918.62
Mine Yard		374.67	1,031.90	16.37	1,422.94
Total for October, 1951	$	5,210.14	2,716.97	1,119.39	9,046.50
1124/3825ths for I-DMA-E2	$	1,531.03	798.40	328.94	2,658.37
Waste Dump	$	237.29	717.20	10.37	964.86
1124/2004ths for I-DMA-E2	$	133.09	402.26	5.82	541.17

I-DMA-E2

Form MF-104

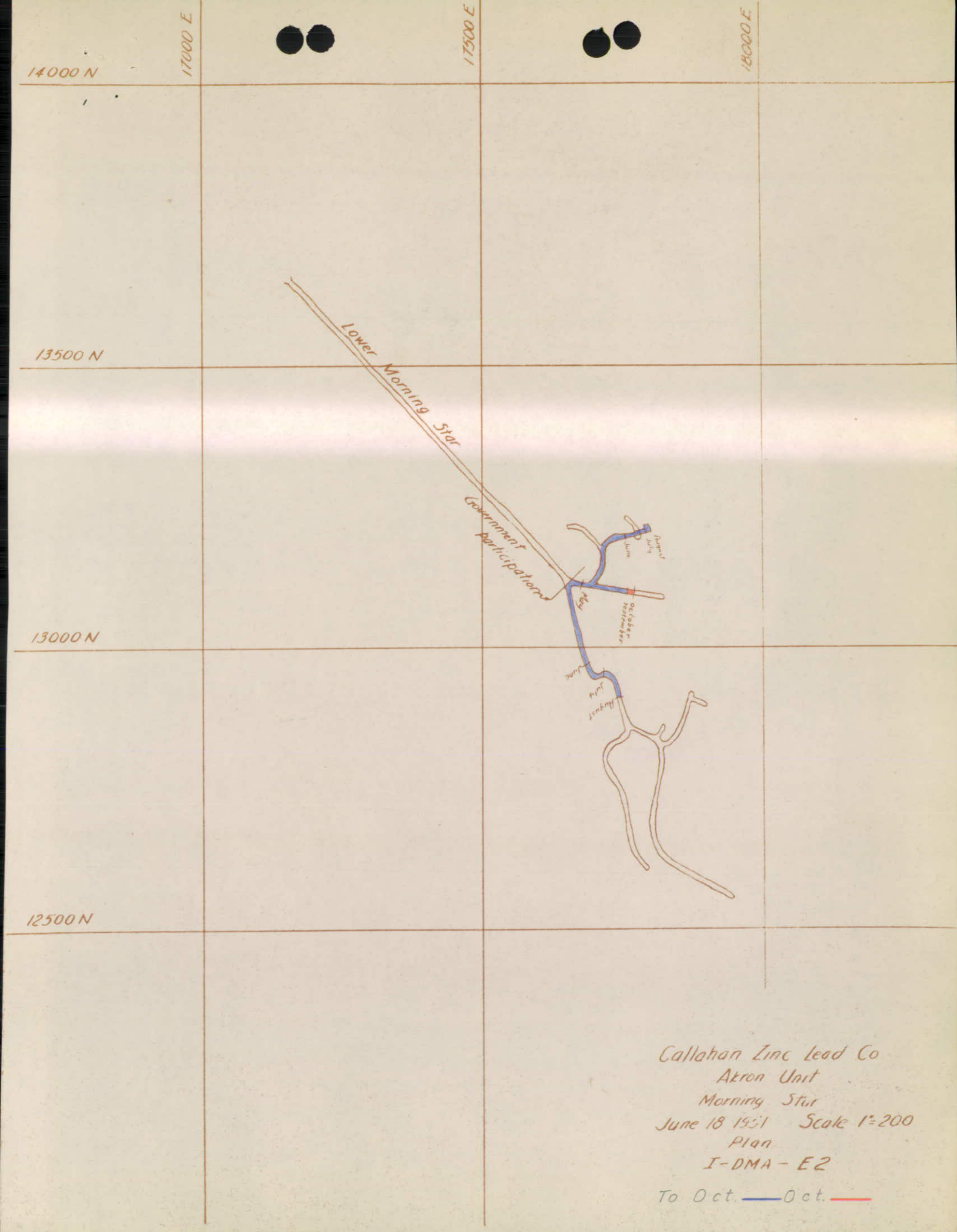
Schedule B

October 1, 1951 to October 31, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

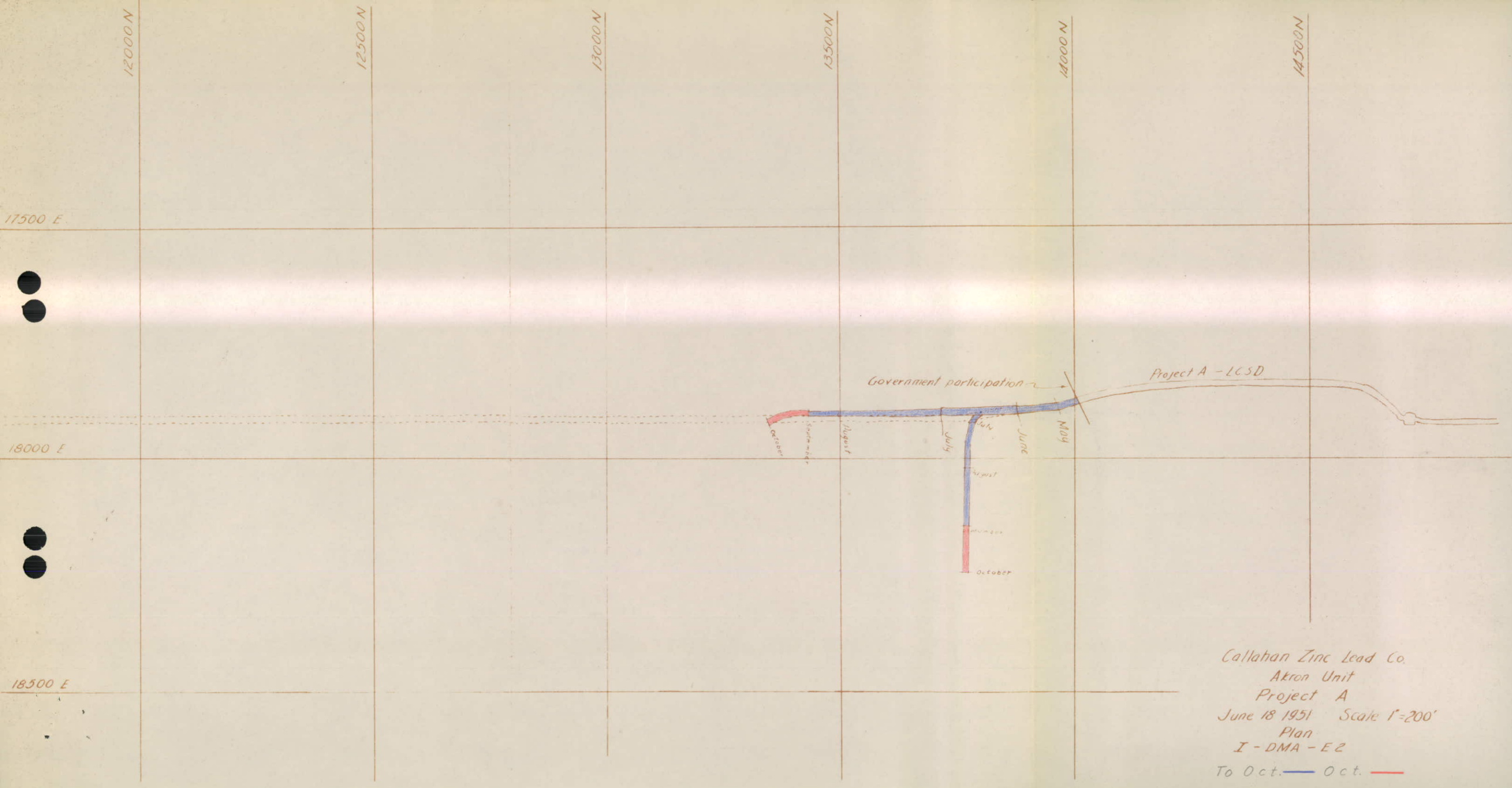
Man Shifts - Akron	1489
Man Shifts - I-DMA-E2	199
Total Man Shifts	1688

		Labor	Supplies	Other	Total
Camp - Yard	$	137.38	515.17	6.01	658.56
Boarding House Subsidy				140.90	140.90
Dwellings		112.40	245.21	4.91	362.52
Truck			122.76	86.92	209.68
Water System		37.47	2.65	1.63	41.75
Roads					
Caterpillar		49.96	32.73	2.19	84.88
Camp - Power			181.70	469.28	650.98
General Supervision		645.15		22.61	667.76
Mine Office		585.70	76.34	33.03	695.07
Surveying		501.50	1.68	21.91	525.09
Total for October, 1951	$	2,069.56	1,178.24	789.39	4,037.19
199/1688ths for I-DMA-E2		243.98	138.90	93.07	475.95



Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951 Scale 1"=200
Plan
I-DMA-E2

To Oct. —— Oct. ——



Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E 2
To Oct. —— Oct. ——

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF October, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners	8	199	$ 25.29 *	$5,033.49
Muckers				
Trammers	3	xx 24	18.50 *	440.35
Timbermen	3	xx 28	10.88	307.04
Pumpmen				
Hoistmen				
Surface	3	xx 19	10.88	210.61
Samplers				
Assayers				
Shift bosses	2	xx 15	16.13	249.45
Mechanics	2	xx 15	12.80	190.84
Electricians	1	xx 1	12.80	7.34
Blacksmiths				
Carpenters	2	xx 21	11.84	243.19
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	xx 4		76.06
Engineers	1	xx 4		59.12
Geologists				
Bookkeeper	1	xx 7		69.05
Foreman				
Clerks				
Stenographers				
Other WareHouse	1	xx 5		55.05
Total	28	342		6,941.59

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

* Piecework
xx Correct to nearest whole manshift only. These men working for entire operation and cost prorated as explained in schedules A & B.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF October, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation, percent 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2] Rental	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting	3,603.48	328.49	2,105.16	380.16	6,417.29	ft.	88	564	652	(2200
Crosscutting	2,177.98	155.14	1,243.59	200.34	3,777.05	ft.	100	253	353	(
Raising										500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,160.13	17.87	201.86	67.27	1,447.13	ft.	12	540	552	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	6,941.59	501.50	3,550.61	647.77	11,641.47		200	1357	1557	3900

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer
Remarks

MF-104
(April 1951)

Budget Bureau No. 42-R1036.1.
Approval expires 8-31-51.

Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc-Lead Company
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

10/12/51
(Date)

Ass't Superintendent
(Title)

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

16—64068-2

MONTHLY SUMMARY COST STATEMENT

Name of operator Callahan Zinc-Lead Clmpany
Project No. DMA I-DMA-E2
Total contract amount $ 120.000
Government participation percent 50%

Distribution of Expenditures for Month of September, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	8,821.88	19,791.62	28,613.50	8821.88	19,791.62	28,613.50
Equipment purchase [1]						
Equipment rental [2]	501.50	1,601.56	2,103.06	501.50	1,601.56	2,103.06
Buildings						
Explosives	714.57	2,063.75	2,778.32	714.57	2,063.75	2,778.32
Repair parts	151.38	478.58	629.96	151.38	478.58	629.96
Other supplies	2,256.04	7,765.87	10,021.91	2256.04	7,765.87	10,021.91
Power	344.10	987.13	1.331.23	344.10	987.13	1.331.23
Transportation						
Withholding taxes						
Compensation insurance	188.30	419.75	608.05	188.30	419.75	608.05
Other insurance SS Taxes	190.40	665.63	856.03	190.40	665.63	856.03
Contract work						
Other (specify) *	30.75	136.29	167.04	21.09	136.29	157.38
Total	13,198.92	33,910.18	47,109.10	13,189.26	33910.18	47,099.44
Totals previously reported	33,910.18			33,910.18		
Totals to date	47,109.10			47,099.44		

* Boarding House Subsidy $ 21.09
Mine Lamp Rental 8.12
Banking Charge 1.54
$ 30.75

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer WM
Amount approved for payment 6599.46
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: 10/24/51
Payee's
Reference: Progress Report
September 1951

Callahan Zinc-Lead Company
100 Park Avenue
New York 7, N. Y.

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount claimed $ 13,198.92

Difference $ - 9.66

Amount Approved $ 13,189.26

The reason for the difference was due to:

Mine lamp rental $8.12 and bank charge of $1.54 have been disallowed inasmuch as contract does not provide for payment of same.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV - B&F Form No. 4
5-1-51 - 1M

Mining Division
Region IV

October 19, 1951

Memorandum

To: T. A. Christensen

From: Chief, Mining Division, Region IV

Subject: DMA Docket 110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Akron Unit, Gunnison County, Colorado Operator's Monthly Progress Report for the period of September, 1951

Enclosed herewith are the original and three copies of Form MF-104, Narrative Report, and Engineer's Report for the above period.

The work done is in accordance with the contract and payment is approved for the amount of $6,599.46, which is 50 percent of the total of $13,198.92.

Paul T. Allaman

WDM:oj

cc: DMA subject, contract and chron.
AHKoschmann
WMTraver, Jr.

WMT/amh

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20
Denver Federal Center
October 18, 1951

Memorandum

To: Chief, Colorado Branch, Mining Division

From: C. M. Harrer

Subject: DMA-110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Gunnison County, Colorado

I arrived at the property at 3:30 p.m., on September 16, 1951. The property was down until the 17th. Company accounts were checked in detail and found correct. All items and charges are in order and substantiated.

Under wages and salaries, the total column is correct. Manshifts are correct only to the nearest shift.

Equipment rental is on the allowable basis of $501.50 and is correct.

Explosives includes Dupont 45 percent No. 2 gelatine dynamite, blasting caps, fuse and blasting wire.

Repair parts includes parts for rock drills and the Eimco mucker.

Other supplies are listed correctly as direct charges and allowable prorations. It is to be noted that 2,460 feet of 20-pound mine rail, with splices, spikes, and ties are included.

Power is distributed correctly to mine consumption and camp use, as prorations.

Compensation insurance is prorated under the rates for mining at $2.352 and clerical at $0.43.

Federal old age benefits, State unemployment insurance, and Federal unemployment insurance are prorated on the basis of earnings bracket and standard rates.

Other items include a prorated boarding house subsidy of $21.09, mine lamp rental at $8.12, and a banking charge of $1.54.

Underground progress was checked on October 17, with R. C. Stitzer, company mining engineer, and found to be correct.

The Morning Star rehabilitation was advanced 60 feet for September. Nineteen sets of timber, closely spaced and lagged, three sets of spiling, and 500 cubic feet of cribbing were placed.

The south drift of the Akron level, project A, was advanced 62 feet in September with an 8- x 10-foot cross section and timbered. In addition, 155 feet of drift driven during August 1951, on a 6- x 8-foot cross section was enlarged to the 8- x 10-foot section and completely timbered. This was necessary because of the soft and gougy ground encountered and continual sloughing.

The Lost Contact South Drift Crosscut No. 2 was advanced 123 feet with a 6- x 8-foot cross section, through limestone, without timber.

Expenditures of $13,198.92 by Callahan Zinc-Lead Company for the month of September 1951 are approved.

C. M. Harrer

C. M. Harrer
Mining Engineer

cc 7
Koschmann
E2
DMA Chron.

October 12, 1951

Mr. J. H. East, Jr.
Regional Director, Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report, Form MF-104, covering the period September 1 to September 30, 1951, inclusive.

The south drift on the Akron tunnel level advanced 62 ft. The face was down three weeks during the period to bring timber up to the face. 210 ft. of August advance was timbered. This necessitated widening the section for this distance. The face is advancing again and timber is installed with each round blasted. We are swinging the heading to a S 15 E bearing in an attempt to get into better ground and to throw the haulageway closer to the fault.

The crosscut advanced 123 ft. This puts its face 253 ft. east of the drift. The face is still in limestone.

Morning Star rehabilitation was concentrated on opening up another crosscut to another winze 120 ft. south of the winze that retimbering was completed on last month. This winze was located on some newly acquired maps made in 1915. Progress totaling 60 ft. for the month was satisfactory, considering that the major part of the work required spiling and breast boards.

Labor supply has tightened up somewhat. We believe, however, that sufficient labor will be available locally through the winter months.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

COPY

I-DMA-E2

Form MF-104

Schedule A

September 1, 1951 to September 30, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore	1,722
Tons Waste - Akron	780
Tons Waste - I-DMA-E2	1,205
Total Tons	3,707

		Labor	Supplies	Other	Total
Tramming	$	1,642.78	58.00	63.51	1,764.29
Compressed Air & Timber Framing		672.48	262.90	44.84	980.22
Shop		569.98	213.50	38.01	821.49
Main Tunnel Maintenance		999.34	150.00	66.63	1,215.97
Mine Lamps		22.80		26.54	49.34
Mine Power				884.85	884.85
Warehouse		227.96		15.20	243.16
Direct Supervision		823.04		22.57	845.61
Mine Yard		239.36	2.19	15.96	257.51
Total for September, 1951	$	5,197.74	686.59	1,178.11	7,062.44
1205/3707ths for I-DMA-E2	$	1,689.59	223.18	382.95	2,295.72
Waste Dump	$	421.73	521.10	28.12	970.95
1205/1985ths for I-DMA-E2	$	256.01	316.34	17.07	589.42

I-DMA-E2

Form MF-104

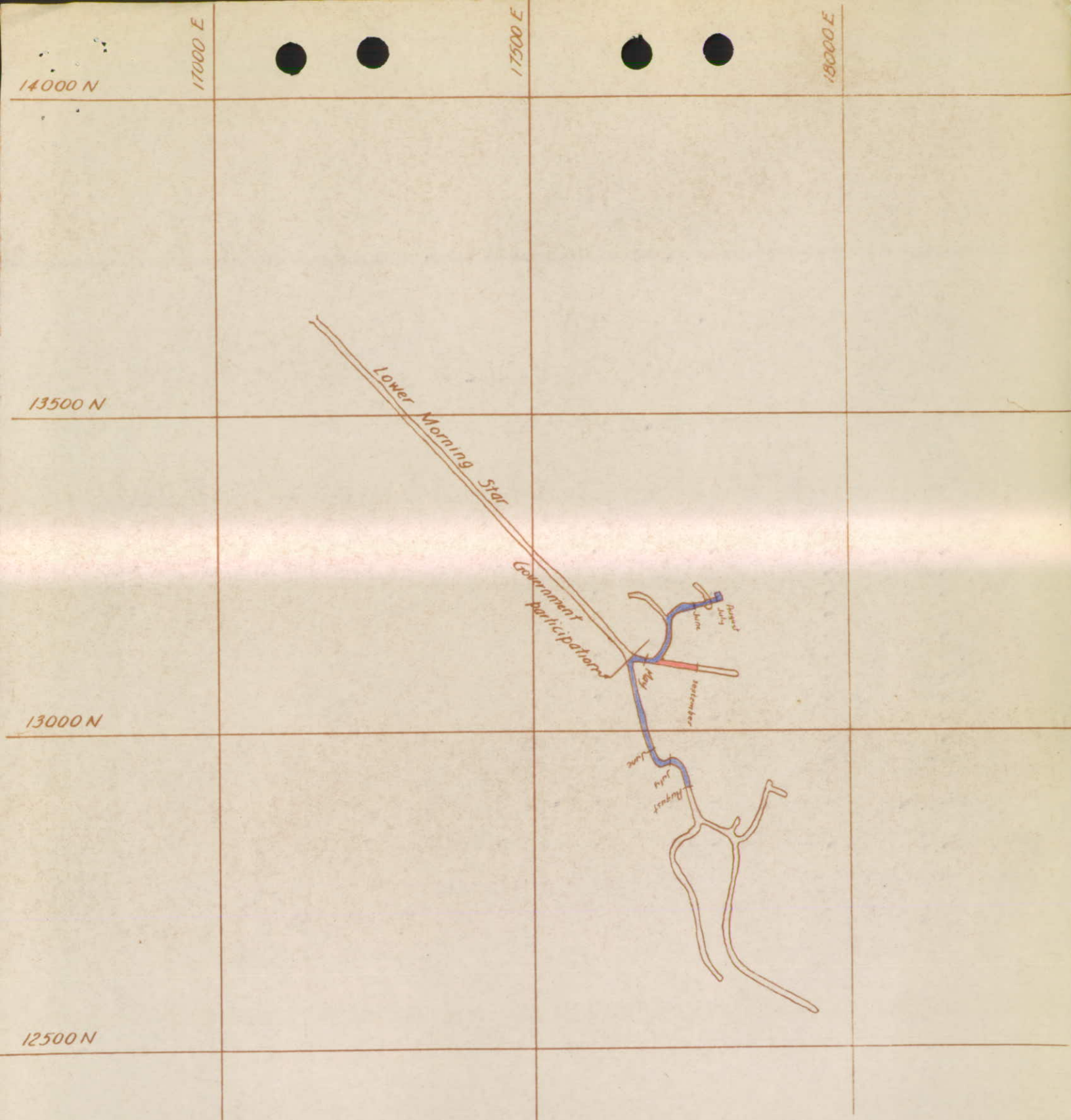
Schedule B

September 1, 1951 to September 30, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

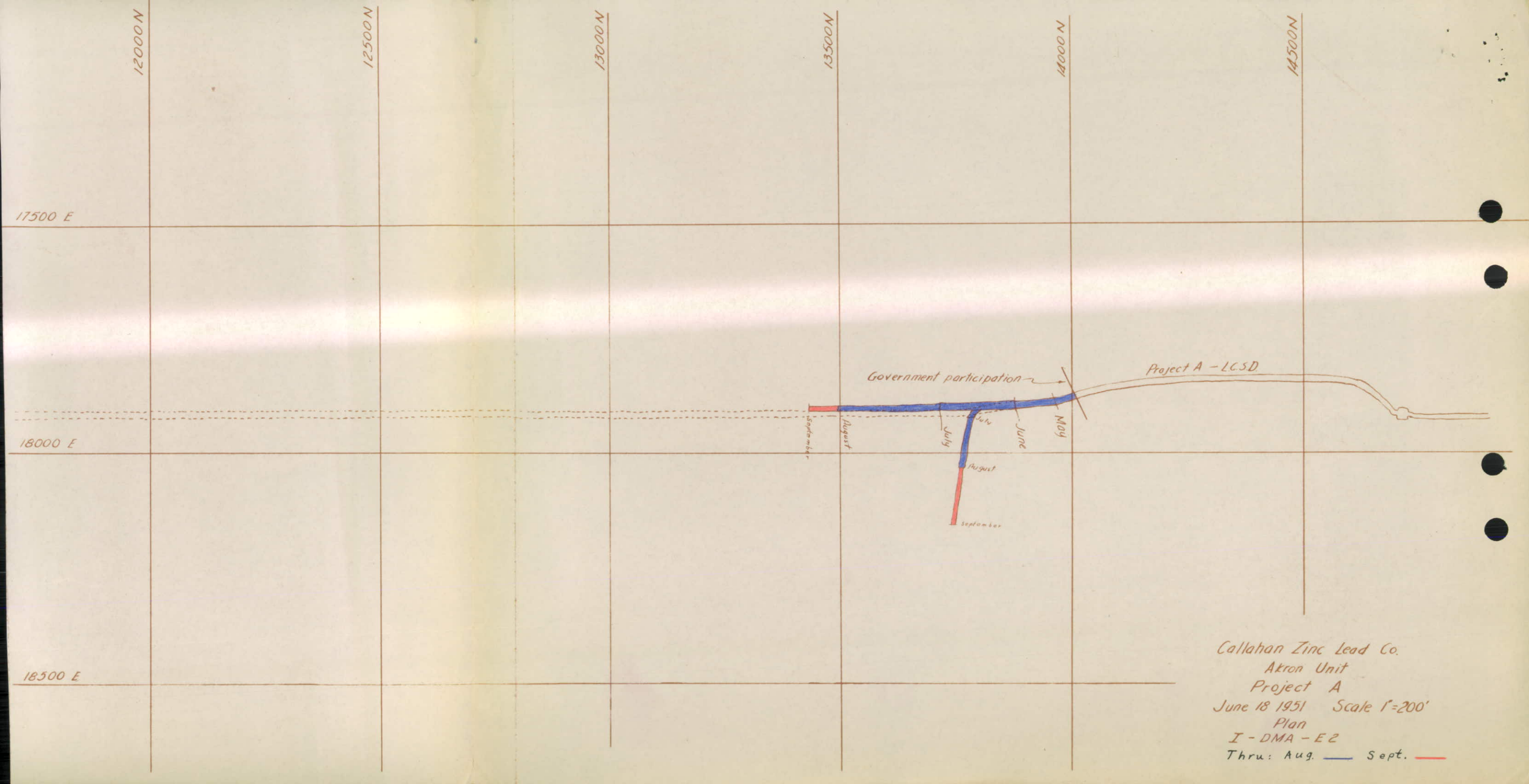
Man Shifts - Akron	1,433
Man Shifts - I-DMA-E2	199
Total Man Shifts	1,632

		Labor	Supplies	Other	Total
Camp - Yard	$	136.78	201.98	9.12	347.88
Boarding House Subsidy				173.00	173.00
Dwellings		262.15	520.87	17.48	800.50
Truck		11.40	94.38	.76	106.54
Water System		34.19	23.09	2.28	59.56
Roads		34.19		2.28	36.47
Caterpillar		79.79	94.15	5.32	179.26
Camp - Power		34.19	243.00	465.38	742.57
General Supervision		524.50	12.04		536.54
Mine Office		590.90	5.20	24.61	620.71
Surveying		620.11		25.97	646.08
Total for September, 1951	$	2,328.20	1,194.71	726.20	4,249.11
199/1632nds for I-DMA-E2	$	283.89	145.68	88.55	518.12



Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951 Scale 1"=200
Plan
I-DMA-E2

Thru: Aug —— Sept. ——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18000 E
18500 E
Government participation
Project A - LCSD
September
August
July
June
May
July
August
September
Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E2
Thru: Aug. Sept.

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF September, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners	8	201	$ 32.78 *	$ 6,592.39
Muckers				
Trammers	3	28 xx	19.07 *	534.00
Timbermen	3	30 xx	10.88	324.85
Pumpmen				
Hoistmen				
Surface	3	28 xx	10.88	303.81
Samplers				
Assayers				
Shift bosses and Mine Foreman	2	17 xx	16.13	267.54
Mechanics	2	10 xx	12.80	123.52
Electricians	1	5 xx	12.80	61.76
Blacksmiths				
Carpenters	2	28 xx	11.84	328.28
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	4 xx		63.96
Engineers	1	6 xx		75.61
Geologists				
Bookkeeper	1	8 xx		72.05
Foreman				
Clerks				
Stenographers				
Other Warehousemen	1	7 xx	10.88	74.11
Total	28	372		8,821.88

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

* Piecework

xx Correct to nearest whole manshift only. These men working for the entire operation and cost prorated as explained in attached schedules A and B.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C.M. Harrer WM
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF September, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation, percent 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment*	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting	4,529.20	336.03	1,833.42	486.00		ft.	62	502	564	(2200
Crosscutting	2,556.84	147.60	945.26	183.91		ft.	123	130	253	(
Raising						ft.				500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,735.84	17.87	343.31	83.64		ft.	60	480	540	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	8,821.88	501.50	3,121.99	753.55	13,198.92		245	1112	1357	3900

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

* Rental

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Entered by
Approved by C. M. Harrer W.M.
Remarks

MF-104
(April 1951)

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Budget Bureau No. 42-R1036.1.
Approval expires 8-31-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

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

CERTIFICATION

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

CALLAHAN ZINC-LEAD COMPANY
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

9/12/51
(Date)

Ass't Superintendent
(Title)

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

16—64068-2

MONTHLY SUMMARY COST STATEMENT

Name of operator CALLAHAN ZINC-LEAD COMPANY
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation percent 50%

Distribution of Expenditures for Month of August, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	6,798.12	12,993.50	19,791.62	6,798.12	12,993.50	19,791.62
Equipment purchase [1]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Equipment rental [2]	501.50	1,100.06	1,601.56	501.50	1,100.06	1.601.56
Buildings						
Explosives	1,094.86	968.89	2,063.75	1,094.86	968.89	2,063.75
Repair parts	282.55	196.03	478.58	282.55	196.03	478.58
Other supplies	2,024.03	5,741.84	7,765.87	2,024.03	5,741.84	7,765.87
Power	388.96	598.17	987.13	388.96	598.17	987.13
Transportation						
Withholding taxes						
Compensation insurance	144.75	275.00	419.75	144.75	275.00	419.75
Other insurance SS	184.93	480.70	665.63	184.93	480.70	665.63
Contract work						
Other (specify)	28.63	107.66	136.29	28.63	107.66	136.29
Total	11,448.33	22,461.85	33,910.18	11,448.33	22,461.85	33,910.18
Totals previously reported	22,461.85					
Totals to date	33,910.18					

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Amount approved for payment
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

CMH/amh

Building 20, Denver Federal Center

W. M. Traver, Jr. September 27, 1951

C. M. Harrer

DMA-110, Contract I-DMA-E2, Callahan Zinc-Lead Company, Gunnison County, Colo.

I arrived at the property at 3:30 p.m., on September 24, 1951, and met J. E. Dunn, superintendent, and R. J. Flynn, assistant superintendent, and checked the company accounts in detail. All items and charges are in order and substantiated.

Under wages and salaries, the total column is correct whereas manshifts are correct only to the nearest shift.

Under surface are included waste dump, timber framing, and yard.

Under schedule A, direct supervision on form MF-104 is correct. The apparent discrepancy noted in the wide divergence of the July and August prorations of Callahan Zinc-Lead Company's cost sheets is due solely to a different method of distribution. The totals are correct.

Explosives includes blasting caps, fuse, blasting wire, and Dupont 45 percent, No. 2 gelatin dynamite.

Repair parts includes parts for rock drills and the Eimco mucker.

Other supplies are listed as direct charges and allowable prorations.

Power is distributed partly to mine consumption and partly to camp use.

Compensation insurance is prorated under the rates for mining at $2.352 and clerical at $0.043.

Federal old age benefits, State unemployment insurance, and Federal unemployment insurance are prorated on the basis of earnings bracket and standard rates.

Other items include a prorated boarding house subsidy of $18.58 and a banking charge of $10.00.

Equipment on a rental basis for the Morning Star level includes two 16 cubic-foot mine cars and an army ambulance to transport men and supplies.

Drift and crosscut equipment, rental of pneumatic drills, jumbo, mine cars, transport, et cetera, are prorated on a man-shift basis.

Underground progress was checked on September 25, in company with J. E. Dunn, superintendent, and R. C. Stitzer, the new mining engineer, and found to be correct.

The Morning Star rehabilitation was advanced 60 feet for August. Eight sets of timber, eleven sides of lagging, one set of steel spiling, and 1,275 cubic feet of cribbing were placed.

The south drift of the Akron level, project A, was advanced 202 feet without timber. A considerable amount of this advance will be timbered next month.

The first crosscut was advanced 107 feet without timber in August. Proximity to the fault is evidenced by alterations of the rock.

Following is a comparison of actual costs with the company's contract estimates. The increased costs are chiefly due to heavy ground, timbering, and cribbing. While these fluctuations may adjust themselves, an increase over estimated allowances may be necessary and should be kept in mind.

Cost Comparison:

Rehabilitation, Morning Star level

Period (1951)	Estimated Cost per foot	Actual Cost per foot	Footage
May - June	$10.519	$16.90	330
July	10.519	20.75	90
August	10.519	30.24	60

Akron level, drift to the south

Period (1951)	Estimated Cost per foot	Actual Cost per foot	Footage
May - June	$34.96	$53.80	123
July	34.96	42.05	177
August	34.96	32.19	202

Akron level, crosscut

Period (1951)	Estimated Cost per foot	Actual Cost per foot	Footage
May - June	$34.96	0	0
July	34.96	$41.54	23
August	34.96	29.27	107

Expenditures of $11,448.33 by Callahan Zinc-Lead Company for the month of August, 1951, are approved.

C. M. Harrer

C. M. Harrer, Mining Engineer

cc 5
E2
DMA Chron.

September 12, 1951

Mr. J. H. East, Jr.
Regional Director, Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report, Form MF-104, covering the period August 1 to August 31, 1951, inclusive.

The south drift on the Akron tunnel level advanced 202 ft. This entire advance was made without timber but the ground is loosening up and will undoubtedly have to be timbered in the future.

The crosscut was advanced 107 ft. This face is now in a zone showing a great deal of alteration in the limestone. The distance already driven into the footwall indicates the probable flattening of the fault structure below the Morning Star.

No further sampling has been done for scheelite. An examination of the opening with the ultra violet lamp indicates that both the crosscut and the main heading are still in the scheelite bearing zone.

Morning Star rehabilitation advanced 60 ft. The principal part of this work was the extension of repair work toward the Victor mine. Our previous objective, the shaft, has been located and the collar retimbered.

The local labor situation is good and we have been able to obtain sufficient men in all categories.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

COPY

I-DMA-E2

Form MF-104

Schedule A

August 1, 1951 to August 31, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore	1,607
Tons Waste-Akron	738
Tons Waste-I-DMA-E2	1,223
Total Tons	3,568

		Labor	Supplies	Other	Total
Tramming	$	1,330.85	196.98	88.80	1,616.63
Compressed Air & Timber Framing		855.34	425.47	57.07	1,337.88
Shop		738.17	125.20	27.10	890.47
Main Tunnel Maintenance		683.42	248.56	45.59	977.57
Mine Lamps		23.43	2.72	26.07	52.22
Mine Power			26.00	959.52	985.52
Warehouse		128.89		8.60	137.49
Direct Supervision		1,211.36		44.48	1,255.84
Mine Yard		140.60		9.38	149.98
Total for August, 1951	$	5,112.08	1,024.93	1,266.61	7,403.60
1223/3568ths for I-DMA-E2	$	1,752.26	351.31	434.16	2,537.73
Waste Dump	$	468.68	619.48	31.27	1,119.43
1223/1961sts for I-DMA-E2	$	292.30	386.35	19.50	698.15

I-DMA-E2

Form MF-104

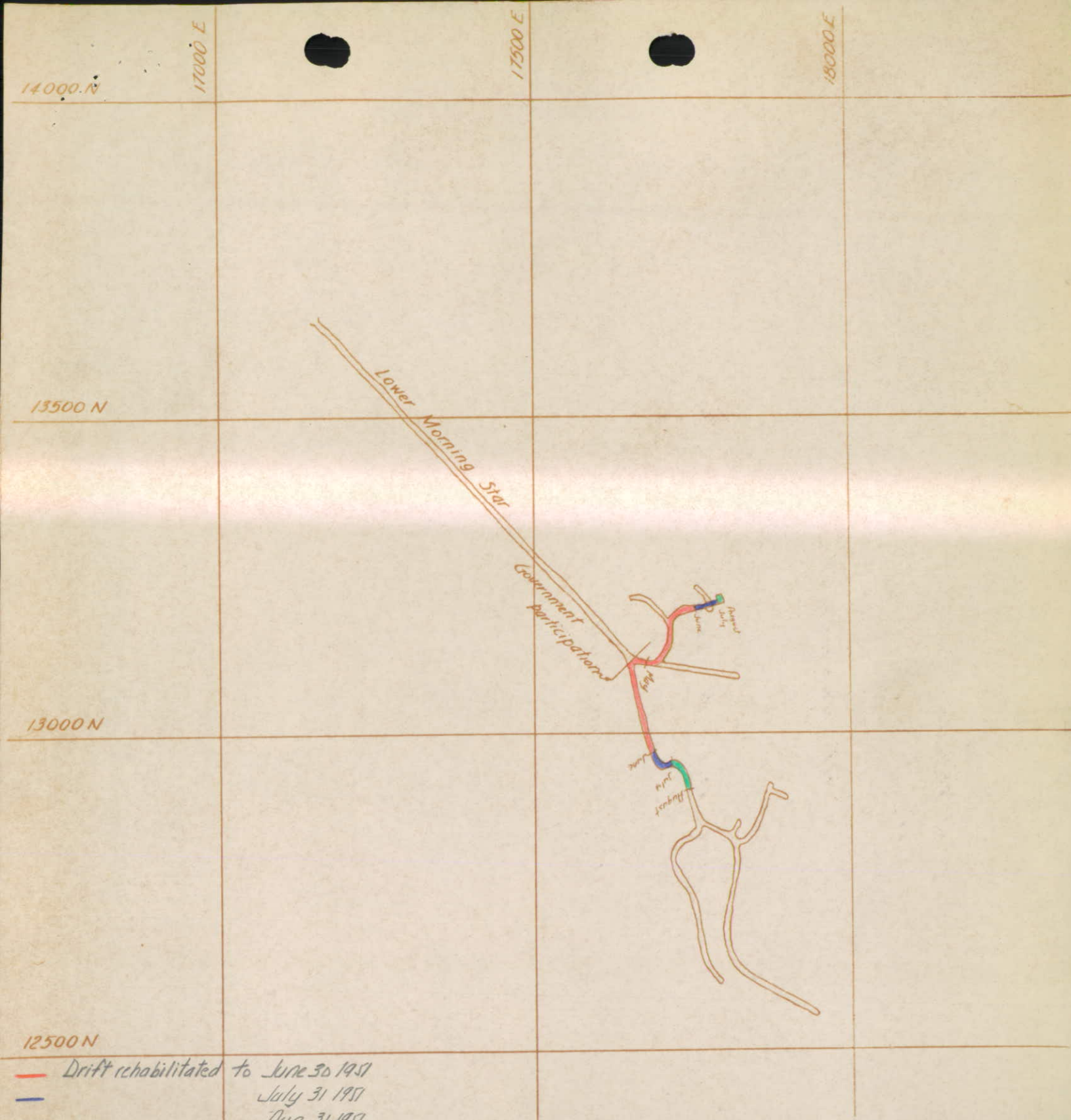
Schedule B

August 1, 1951 to August 31, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

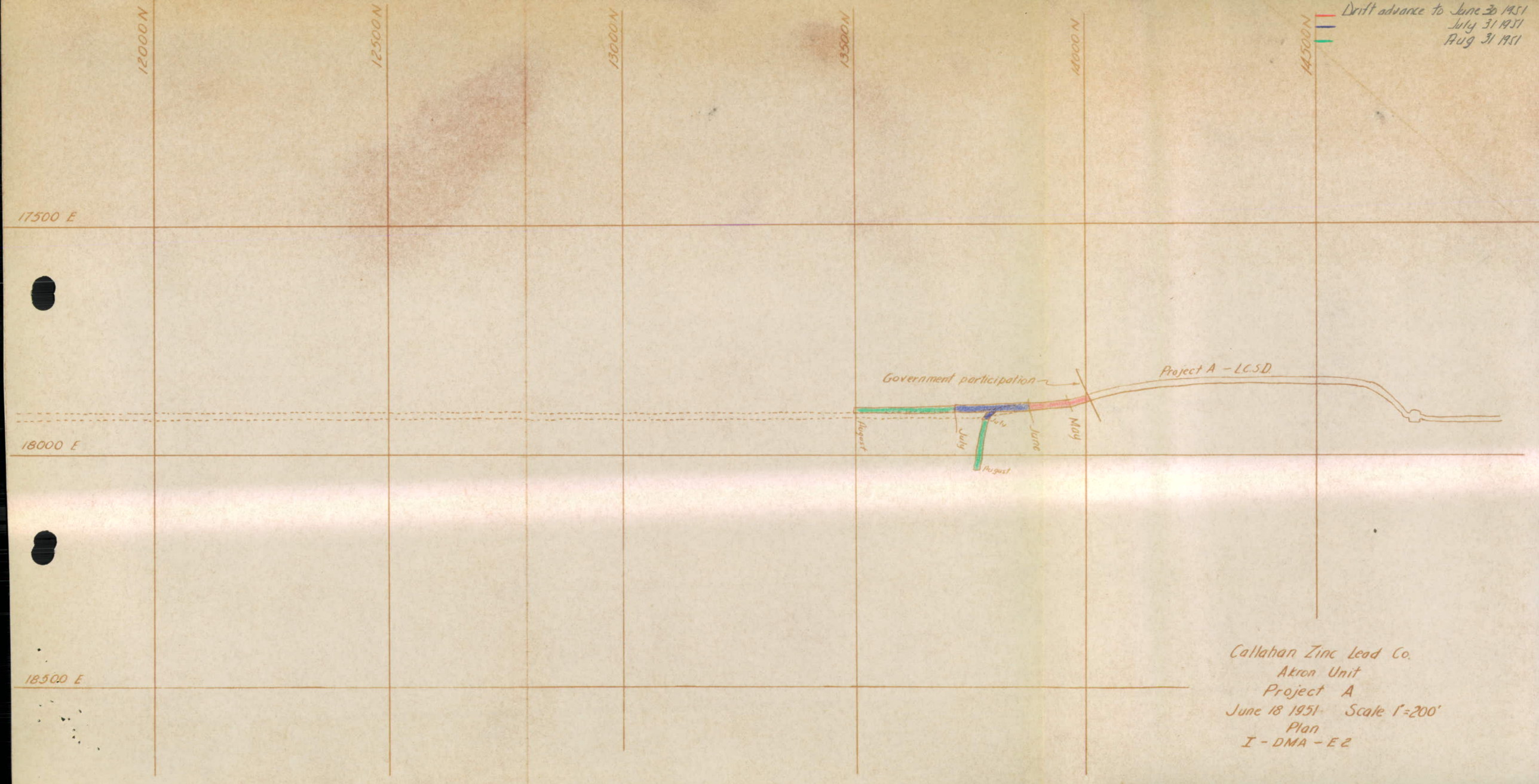
Man Shifts - Akron	1,509
Man Shifts - I-DMA-E2	202
Total Man Shifts	1,711

		Labor	Supplies	Other	Total
Camp - Yard	$	187.47	52.31	12.51	252.29
Boarding House Subsidy			5.82	157.10	162.92
Dwellings		128.89	364.83	8.60	502.32
Truck		23.43	(21.84)	1.56	3.15
Water System		58.59		3.91	62.50
Roads		46.87		3.13	50.00
Caterpillar		46.87	42.01	3.13	92.01
Camp - Power		222.62		523.70	746.32
General Supervision		524.50		9.07	533.57
Mine Office		614.30	77.77	29.29	721.36
Surveying		478.84	13.82	17.57	509.73
Total for August, 1951	$	2,331.88	534.72	769.57	3,636.17
202/1711ths for I-DMA-E2	$	275.30	63.13	90.85	429.28



Drift rehabilitated to June 30 1951
July 31 1951
Aug 31 1951

Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951 Scale 1"=200
Plan
I-DMA-E2


Drift advance to June 30 1951
July 31 1951
Aug 31 1951
12000 N
12500 N
13000 N
13500 N
14000 N
14500 N
17500 E
18000 E
18500 E
Government participation
Project A - LCSD
August
July
June
May
July
August
Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E 2

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF August, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners	8	202	$ 22.17*	$ 4,478.26
Muckers			*	
Trammers	3	28xx	16.29	456.17
Timbermen	2	34xx	10.88	371.36
Pumpmen				
Hoistmen				
Surface	4	49xx	10.88	532.76
Samplers				
Assayers				
Shift bosses & Mine foreman	3	27xx	15.38	415.22
Mechanics	2	13xx	12.80	168.68
Electricians	1	7xx	12.80	84.34
Blacksmiths				
Carpenters	1	5xx	11.20	56.23
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	4xx		61.92
Engineers	1	4xx		56.47
Geologists				
Bookkeeper	1	8xx		72.53
Foreman				
Clerks				
Stenographers				
Other Warehouse	1	4xx	10.88	44.18
		385		
Total	28			6,798.12

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

* Piece Work
xx These men working for entire operation and time prorated as explained in attached schedules A & B.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer WM.
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF August, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation, percent 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting	3,601.02	315.98*	2,126.84	458.64	6,502.48	ft.	202	300	502	2200
Crosscutting	1,639.09	167.67*	1,127.10	197.80	3,131.66	ft.	107	23	130	
Raising						ft.				500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,558.01	17.85	147.50	90.83	1,814.19	ft.	60	420	480	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	6,798.12	501.50	3,401.44	747.27	11,448.33		369	743	1112	3900

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

* Rental

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Remarks

MF-104
(April 1951)

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Budget Bureau No. 42-R1036.1.
Approval expires 8-31-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

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

CERTIFICATION

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

Callahan Zinc-Lead Company
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

8/12/51
(Date)

Ass't Superintendent
(Title)

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

16—64068-2

MONTHLY SUMMARY COST STATEMENT

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,000
Government participation percent 50%

Distribution of Expenditures for Month of July, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	5,888.93	7,104.57	12,993.50	5,888.93	7,104.57	12,993.50
Equipment purchase [1]						
Equipment rental [2]	501.50	598.56	1,100.06	501.50	598.56	1,100.06
Buildings						
Explosives	606.29	362.60	968.89	606.29	362.60	968.89
Repair parts	58.84	137.19	196.03	58.84	137.19	196.03
Other supplies	2,547.98	3,193.86	5,741.84	2,547.98	3,193.86	5,741.84
Power	311.31	286.86	598.17	311.31	286.86	598.17
Transportation						
Withholding taxes						
Compensation insurance	127.36	147.64	275.00	127.36	147.64	275.00
Other insurance SS	176.67	304.03	480.70	176.67	304.03	480.70
Contract work						
Other (specify)	47.34	60.32	107.66	47.34	60.32	107.66
Total	10,266.22	12,195.63	22,461.85	10,266.22	12,195.63	22,461.85
Totals previously reported	12,195.63			12,195.63		
Totals to date	22,461.85			22,461.85		

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Approved by C.M. Harrer
Amount approved for payment $ 5,133.11 Which is
Remarks 50% of the total disbursement of $10,266.22

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

I-DMA-E2

Form MF-104

Schedule A

July 1, 1951 to July 31, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

Tons Ore	1,570
Tons Waste - Akron	508
Tons Waste - I-DMA-E2	924
Total Tons	3,002

		Labor	Supplies	Other	Total
Tramming	$	1,158.08	620.99	60.05	1,837.32
Compressed Air & Timber Framing		747.48	246.92	33.33	1,027.33
Shop		719.26	172.04	26.90	918.20
Main Tunnel Maintenance		423.57	65.51	22.01	511.09
Mine Lamps		24.92		26.50	51.42
Mine Power				864.65	864.65
Warehouse		386.83		14.59	401.42
Direct Supervision		1,188.42	91.80	61.75	1,342.17
Total for July, 1951	$	4,537.46	1,191.26	1,125.38	6,854.10
924/3002rds for I-DMA-E2	$	1,396.14	366.54	346.27	2,108.95
Waste Dump	$	519.78	640.82	16.53	1,177.33
924/1433rds for I-DMA-E2	$	322.35	413.01	17.11	752.47

I-DMA-E2

Form MF-104

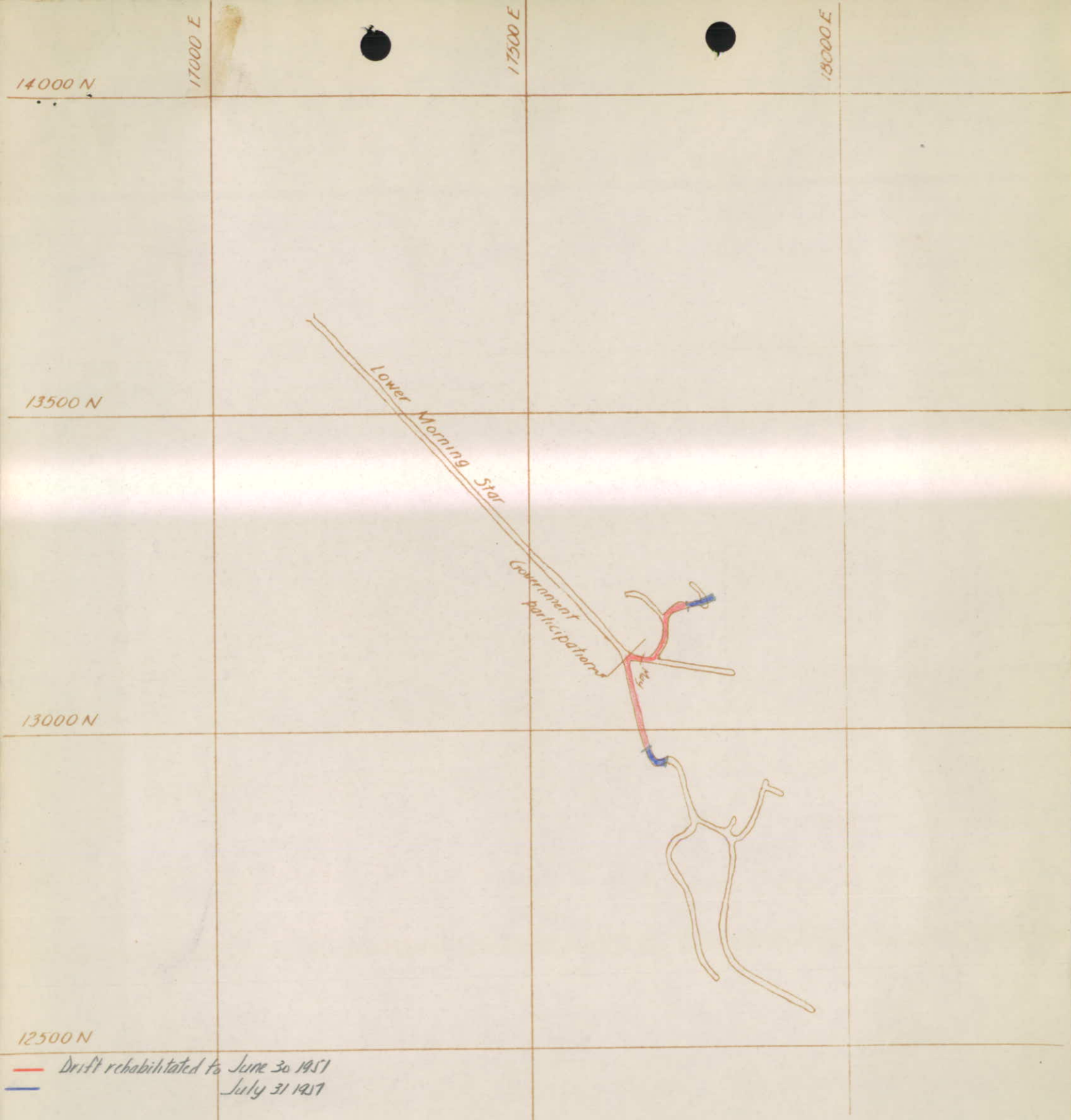
Schedule B

July 1, 1951 to July 31, 1951

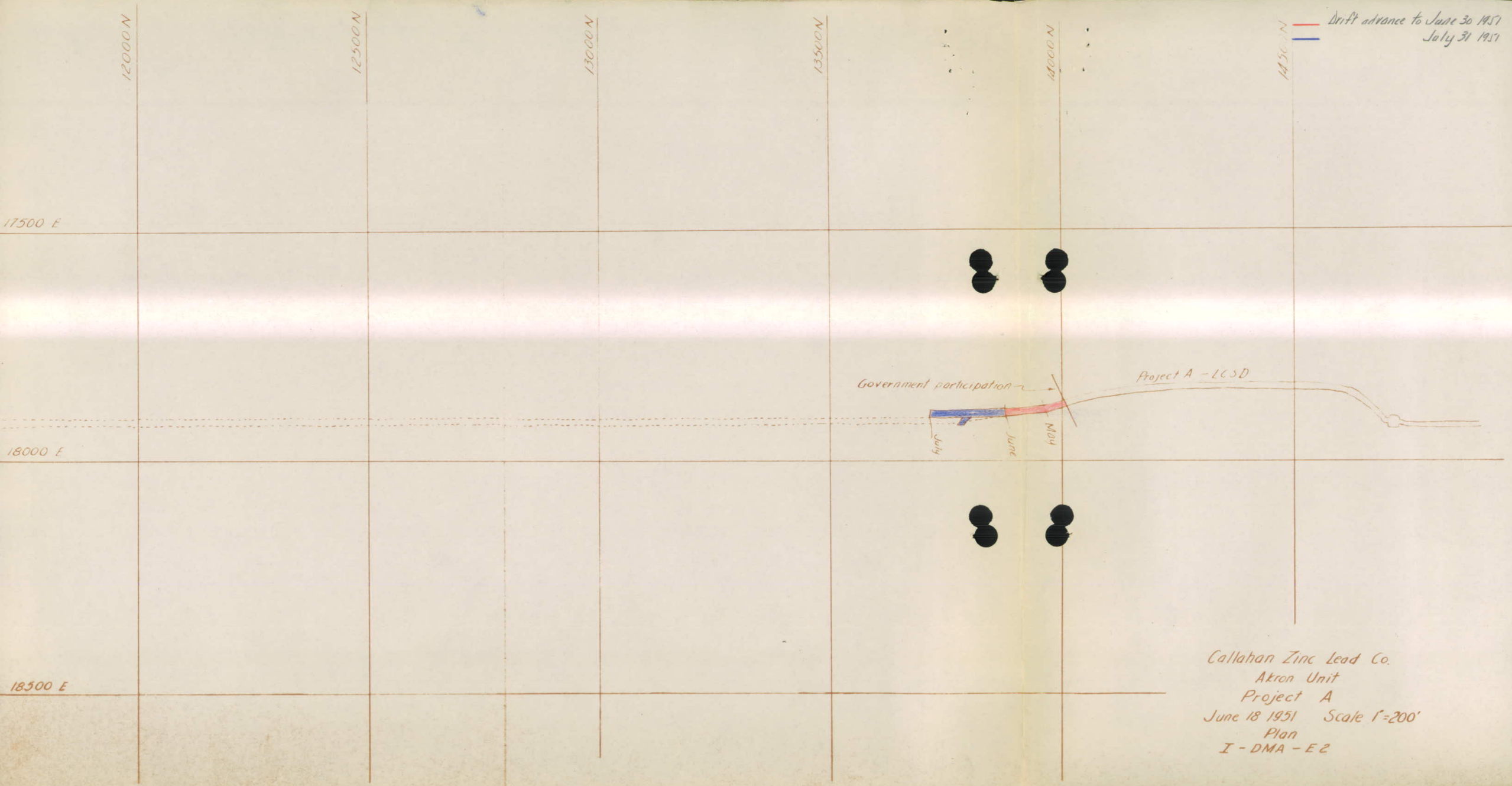
Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

Man Shifts - Akron	1,405
Man Shifts - I-DMA-E2	155
Total Man Shifts	1,560

		Labor	Supplies	Other	Total
Camp - Yard	$	124.58	63.33	6.47	194.38
Boarding House Subsidy		12.46	52.52	142.64	207.62
Dwelling		311.45	339.95	16.18	667.58
Truck		24.92	450.04	1.30	476.26
Water System			9.93		9.93
Roads		37.37		1.94	39.31
Caterpillar			24.05		24.05
Camp - Power			28.21	455.52	483.73
General Supervision		524.50		15.74	540.24
Mine Office		349.50	54.51	15.98	419.99
Surveying		428.34	4.07	22.25	454.66
Total for July, 1951	$	1,815.12	1,026.59	678.02	3,517.73
155/1560ths for I-DMA-E2	$	180.15	102.00	67.37	349.52



Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951 Scale 1"=200
Plan
I-DMA-E2



Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I - DMA - E2

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF July, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $ 120,00
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners	8	155	$ 25.70 *	$3,983.29
Muckers			*	
Trammers	2	16	22.00	355.72
Timbermen	2	33	10.88	360.32
Pumpmen				
Hoistmen				
Surface	4	35	10.88	380.10
Samplers				
Assayers				
Shift bosses & Mine Foremen	3	27	13.70	365.73
Mechanics	2	11	12.80	145.69
Electricians	1	6	12.80	80.52
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	3	--	52.11
Engineers	1	3	--	42.56
Geologists				
Bookkeeper	1	3	--	34.73
Foreman				
Clerks				
Stenographers				
Other Warehouse	1	8	10.88	88.16
Total	1	8	--	5,888.93

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

* Piecework

xx These men working for entire operation and time prorated as explained in attached schedules A and B

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C.M. Harrer
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF July, 1951

Name of operator Callahan Zinc-Lead Company
Project No. DMA I-DMA-E2
Total contract amount $120,000
Government participation, percent 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting	3,742.50	445.26*	2,780.08	475.85	7,443.69	ft.	177	123	300	2200
Crosscutting	487.46	56.24*	351.18	60.52	955.40	ft.	23	0	23	
Raising										500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1,658.97		81.85	126.31	1,867.13	ft.	90	330	420	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	5,888.93	501.50	3,213.11	662.68	10,266.22		290	453	743	3900

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

* Rental

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by C. M. Harrer
Remarks

MF-104
April 1951)

Copy

Budget Bureau No. 42-R1036.1.
Approval expires 8-31-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

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

CERTIFICATION

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

CALLAHAN ZINC LEAD COMPANY, INC.
(Name of Company)

By R. James Flynn
(Signature of Authorized Official)

July 12, 1951
(Date)

Assistant Superintendent
(Title)

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

16—64068-2

MONTHLY SUMMARY COST STATEMENT

Name of operator CALLAHAN ZINC-Lead Company, Inc.
Project No. DMA- Idma-E2
Total contract amount $120,000.00
Government participation percent 50%

Distribution of Expenditures for Month of May 26, 1951 to June 30. 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	7,104.57	--	7,104.57	7,104.57	--	7,104.57
Equipment purchase [1]						
Equipment rental [2]	598.56	--	598.56	598.56	--	598.56
Buildings						
Explosives	362.60	--	362.60	362.60	--	362.60
Repair parts	137.19	--	137.19	137.19	--	137.19
Other supplies	3,193.86	--	3,193.86	3,193.86	--	3,193.86
Power	286.86	--	286.86	286.86	--	286.86
Transportation						
Withholding taxes						
Compensation insurance	147.64	--	147.64	147.64	--	147.64
Other insurance S. S. Taxes	304.03	--	304.03	147.64	--	147.64
Contract work &U. I.						
Other (specify)	60.32	--	60.32	60.32	--	60.32
Total	12,195.63	---	12,195.63	12,195.63	--	12,195.63
Totals previously reported						
Totals to date	12,195.63	--		12,195.63	--	

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Entered by
Approved by W. D. McMillan
Amount approved for payment Paul Allsman
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

JULY 12, 1951

Mr. J. H. East, Jr.
Regional Director, Bureau of Mines
224 New Custom House
Denver 2, Colorado

Subject: I-DMA-E2

Dear Mr. East:

I am enclosing the operator's monthly progress report, Form MF-104, covering the period May 26th to June 30th, 1951, inclusive.

Drifting on the Akron tunnel level was advanced 123 ft. This advance was slow and costly due to ground conditions. At the start of the period the face was in good ground and moving at a good rate without timber. After June 1st the face entered softer ground which was still considered solid enough so that timber was unnecessary. The face advanced 60 ft. into this ground when air slake and minor amounts of water started the back to caving. This necessitated widening the cross section and installation of timber for the above mentioned distance. Normal advance with timber has been accomplished since completion of timbering back of the face. Abnormal ground conditions were caused in part by a system of open fissures in the limestone.

Advance for the past month has been through limestone carrying minor amounts of scheelite (WO_3). An intensive sampling program to give accurate information as to values will be done in July.

Competent drift men have been difficult to obtain and keep on the job. Turnover during June has been the heaviest in our history.

Morning Star rehabilitation advanced 330 ft. Some of this ground has been cribbed a distance of 20 ft. above drift timber.

Work is being concentrated on reaching the winze sunk in the ore shoot on the hanging wall of the porphyry.

Very truly yours,

CALLAHAN ZINC-LEAD COMPANY

J. E. Dunn
Superintendent

JED:lf
ENC.

-14-

I-DMA-E2
Form MF-104
Schedule A

May 26, 1951 to June 30, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of tons of ore and waste handled.

MAY 1951

Tons Ore 1,724. Tons Waste-Akron 975. Tons Waste-I-DMA-E2 151. Total Tons 2,850.

		Labor	Supplies	Other	Total
Tramming	$	1,068.36	13.40	71.29	1,153.05
Compressed Air & Timber Framing		662.87	1.06	44.23	708.16
Shop		627.36	299.37	41.86	968.59
Main Tunnel Maintenance		1,539.26	273.00	102.72	1,914.98
Mine Lamps		23.67		29.64	53.31
Mine Power			10.90	865.25	876.15
Warehouse		35.51		2.37	37.88
Direct Supervision		1,193.10	11.21	79.61	1,283.92
Total for May	$	5,150.13	608.94	1,236.97	6,996.04
151/2850ths for I-DMA-E2	$	272.90	32.24	65.52	370.66
Waste Dump	$	615.52	125.63	41.07	782.22
151/1126ths for I-DMA-E2	$	82.54	16.85	5.51	104.90

JUNE 1951

Tons Ore 1,627. Tons Waste-Akron 582. Tons Waste-I-DMA-E2 592. Total Tons 2,801.

		Labor	Supplies	Other	Total
Tramming	$	1,149.49	78.74	75.98	1,304.21
Compressed Air & Timber Framing		730.20	490.46	48.26	1,268.92
Shop		681.52	194.43	45.05	921.00
Main Tunnel Maintenance		681.52		45.05	726.57
Mine Lamps		36.51		30.94	67.45
Mine Power				904.71	904.71
Warehouse		97.36		6.43	103.79
Direct Supervision		1,077.54		71.22	1,148.76
Total for June	$	4,454.14	763.63	1,227.64	6,445.41
592/2801sts for I-DMA-E2	$	941.40	161.40	259.46	1,362.26
Waste Dump	$	819.06	1,506.98	14.48	1,540.52
592/1174ths for I-DMA-E2	$	110.46	659.06	7.30	776.82

I-DMA-E2
Form MF-104
Schedule B

May 26, 1951 to June 30, 1951

Indirect Mining Costs of the Akron Operation showing portion chargeable to I-DMA-E2 on the basis of man shifts of work.

MAY 1951

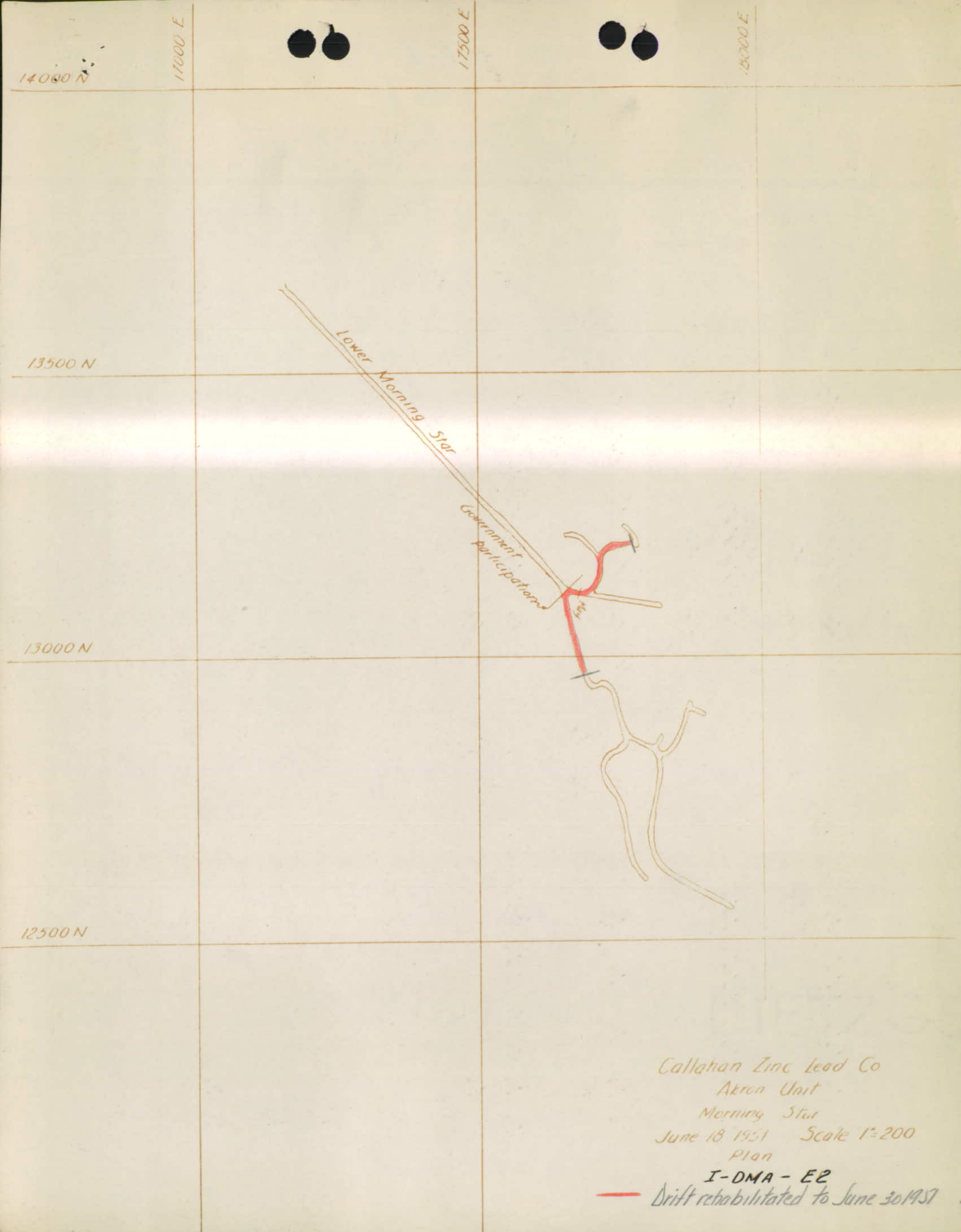
Man Shifts - Akron	1,596
Man Shifts - I-DMA-E2	33
Total Man Shifts	1,629

		Labor	Supplies	Other	Total
Camp - Yard	$	71.02	168.98	4.74	244.74
Boarding House Subsidy				142.10	142.10
Dwellings		177.56	340.67	11.85	550.08
Truck			130.61		130.61
Water System		47.35		3.16	50.51
Roads		47.35		3.16	50.51
Caterpillar		23.87	7.04	1.57	[illegible]
Camp - Power				459.47	[illegible]
General Supervision		521.75		1,089.97	1,611.72
Mine Office		593.65	166.52	33.51	[illegible]
Surveying		460.05		30.70	490.75
Total for May	$	1,942.40	813.82	1,780.23	[illegible]
33/1629ths for I-DMA-E2	$	39.35	16.49	36.06	91.90

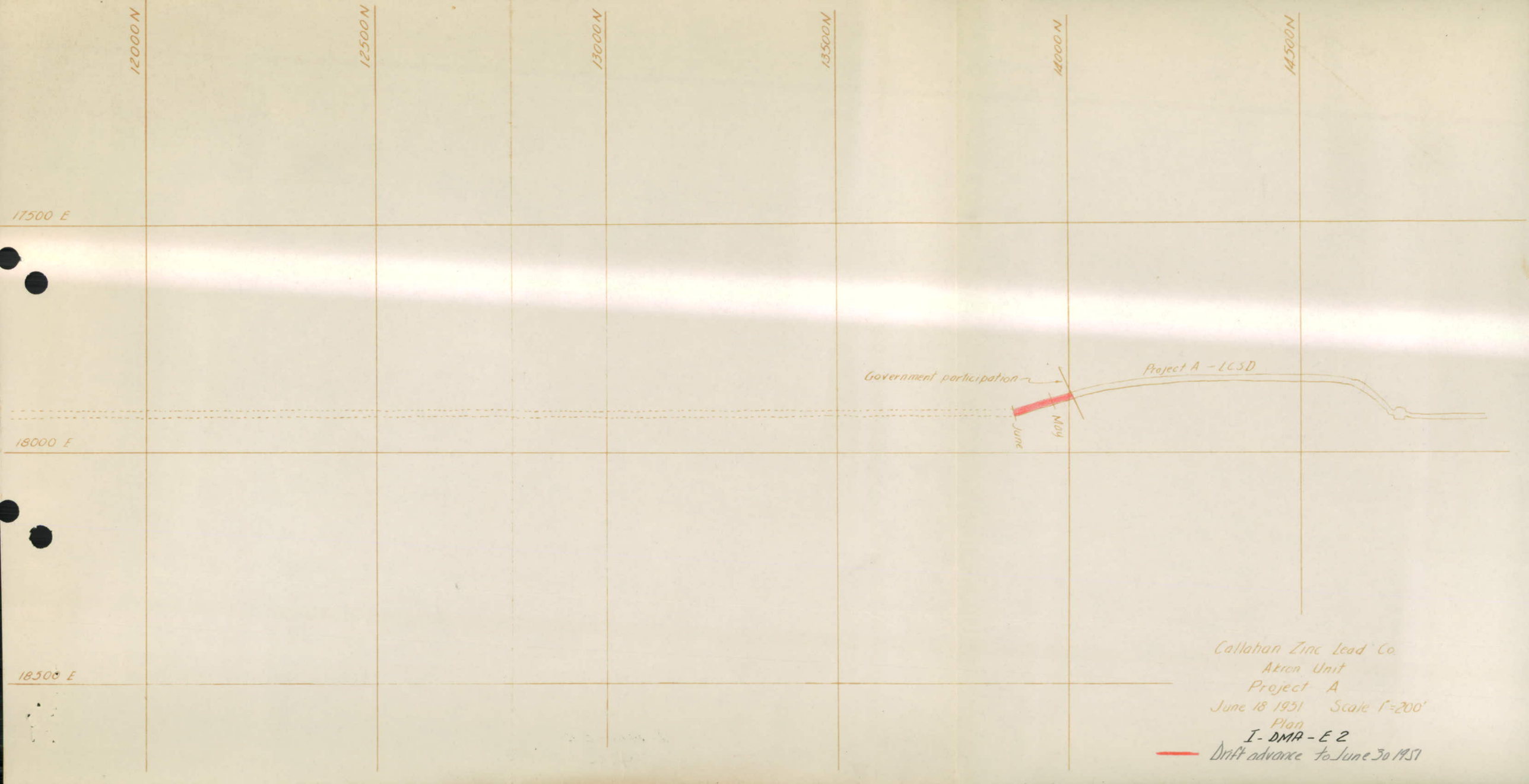
JUNE 1951

Man Shifts - Akron	1,461
Man Shifts - I-DMA-E2	170
Total Man Shifts	1,631

		Labor	Supplies	Other	Total
Camp - Yard	$	97.36	260.39	6.43	364.18
Boarding House Subsidy		109.53	35.59	147.84	292.96
Dwellings		406.50	828.14	40.22	1,476.86
Truck		97.36	371.10	6.43	474.89
Water System					
Roads		24.34		1.62	25.96
Caterpillar		86.51	137.86	2.41	[illegible]
Camp - Power				477.82	[illegible]
General Supervision		521.75		51.19	[illegible]
Mine Office		599.05	44.65	32.81	[illegible]
Surveying		212.55		14.04	[illegible]
Total for June	$	2,306.75	1,677.41	780.91	4,765.07
170/1631sts for I-DMA-E2	$	240.43	174.84	81.40	496.67



Callahan Zinc Lead Co
Akron Unit
Morning Star
June 18 1951 Scale 1"=200
Plan
I-DMA-E2
Drift rehabilitated to June 30 1951


12000 N
12500 N
13000 N
13500 N
14000 N
14500 N
17500 E
18000 E
18500 E
Government participation
Project A - LCSD
May
June
Callahan Zinc Lead Co.
Akron Unit
Project A
June 18 1951 Scale 1"=200'
Plan
I-DMA-E 2
Drift advance to June 30 1951

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF May 26, 1951 to June 30, 195

Name of operator CALLAHAN ZINC-LEAD COMPANY, INC.
Project No. DMA I-DMA-E2
Total contract amount $ 120,000.00
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners (Piece work)	7	203	$ 27.57	$ 5,417.49
Muckers				
Trammers	2 *	20		299.54
Timbermen	2*	34		379.92
Pumpmen				
Hoistmen				
Surface	4 *	28		329.60
Samplers				
Assayers				
Shift bosses & Mine Foreman	2 *	17		291.00
Mechanics	2 *	12		177.28
Electricians	1*	—		8.98
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1 *			
Engineers	1 *	12		178.30
Geologists				
Bookkeeper	1 *			
Foreman				
Clerks				
Stenographers				
Other Warehouse	1 *	21		22.46
Total	24	328		7,104.57

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

* These men working for entire operation and time prorated as explained in attached schedules A. & B.

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Checked by
Entered by
Approved by W.D. McMillan
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May 26,1951 to June 30,1951

Name of operator Callahan Zinc-Lead Company, Inc.
Project No. DMA I-DMA-E2
Total contract amount $ 120,000.00
Government participation, percent 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting	3,366.49	598.56*	2,230.47	421.30	6,616.82	ft.	123	--	123	2200
Crosscutting										
Raising						ft.				500
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation Morning Star	3,738.08		1,463.18	377.55	5,578.81	ft.	330	-	330	1200
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	7,104.57	598.56	3,693.65	798.85	12,195.63		453		453	3900

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

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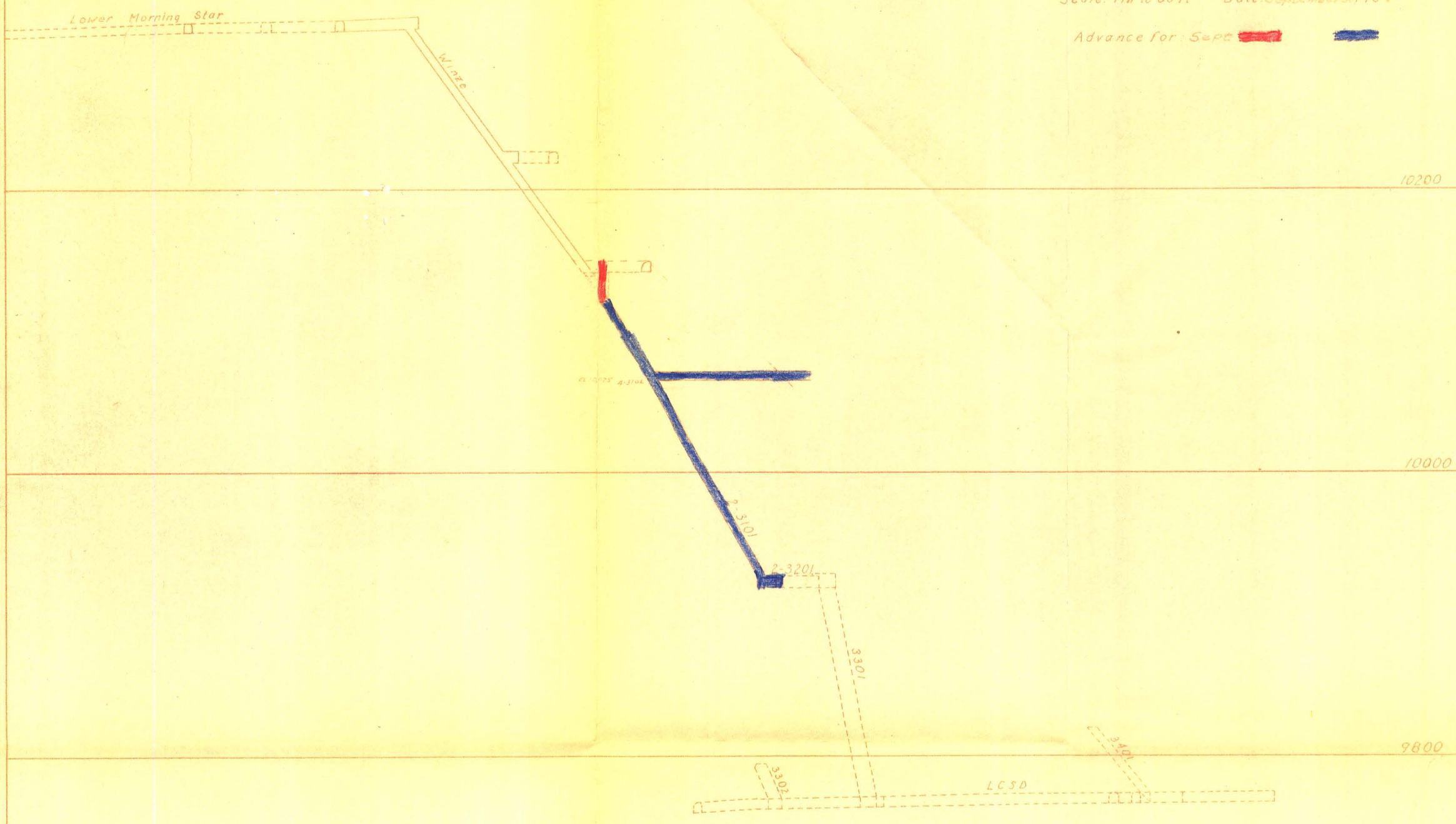
Approved by W.D. McMillan
Remarks

* Rental

Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: September 3/1953

Advance for: Sept

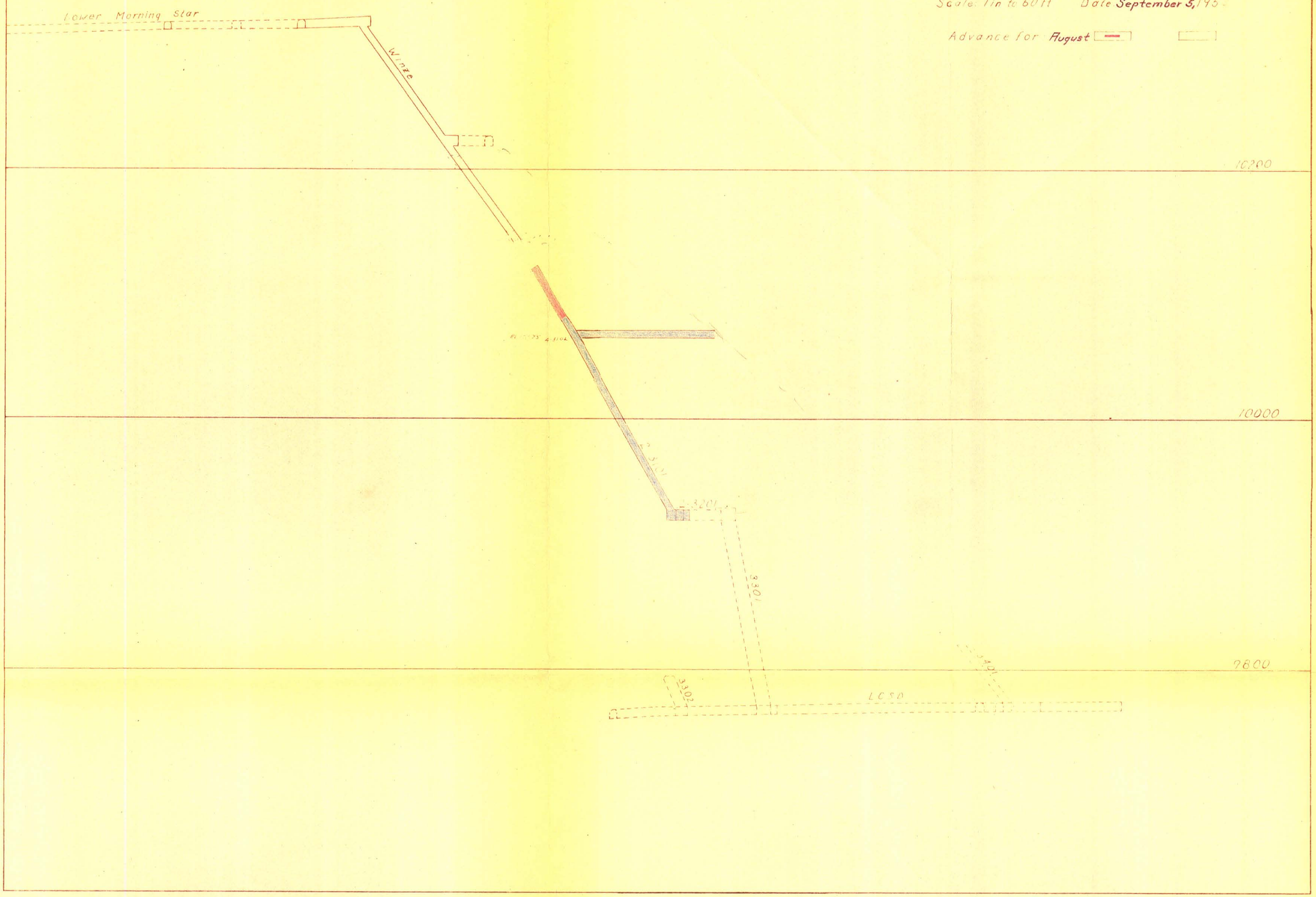


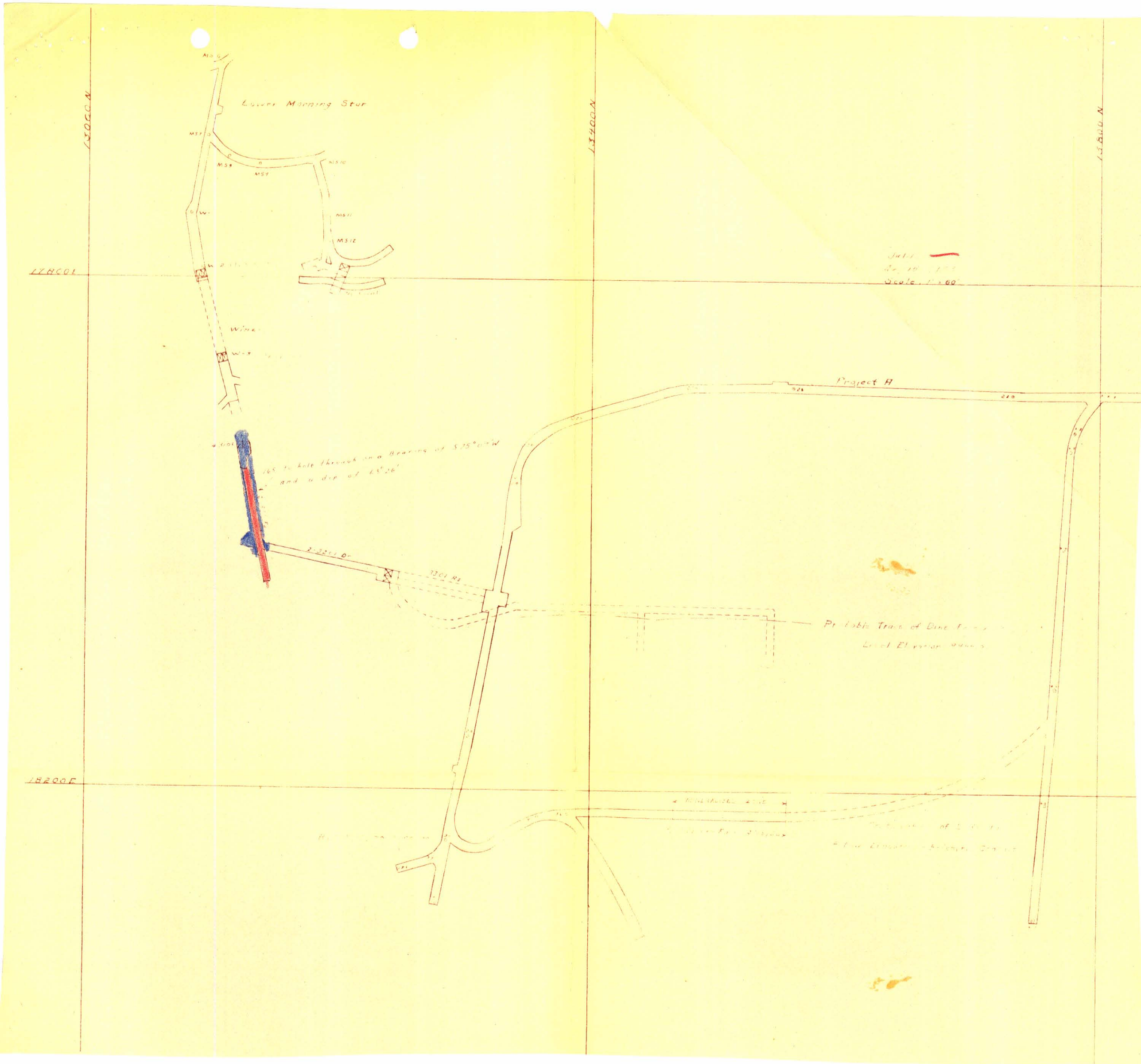
August —
September 5, 1953

Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date September 5, 195-

Advance for August

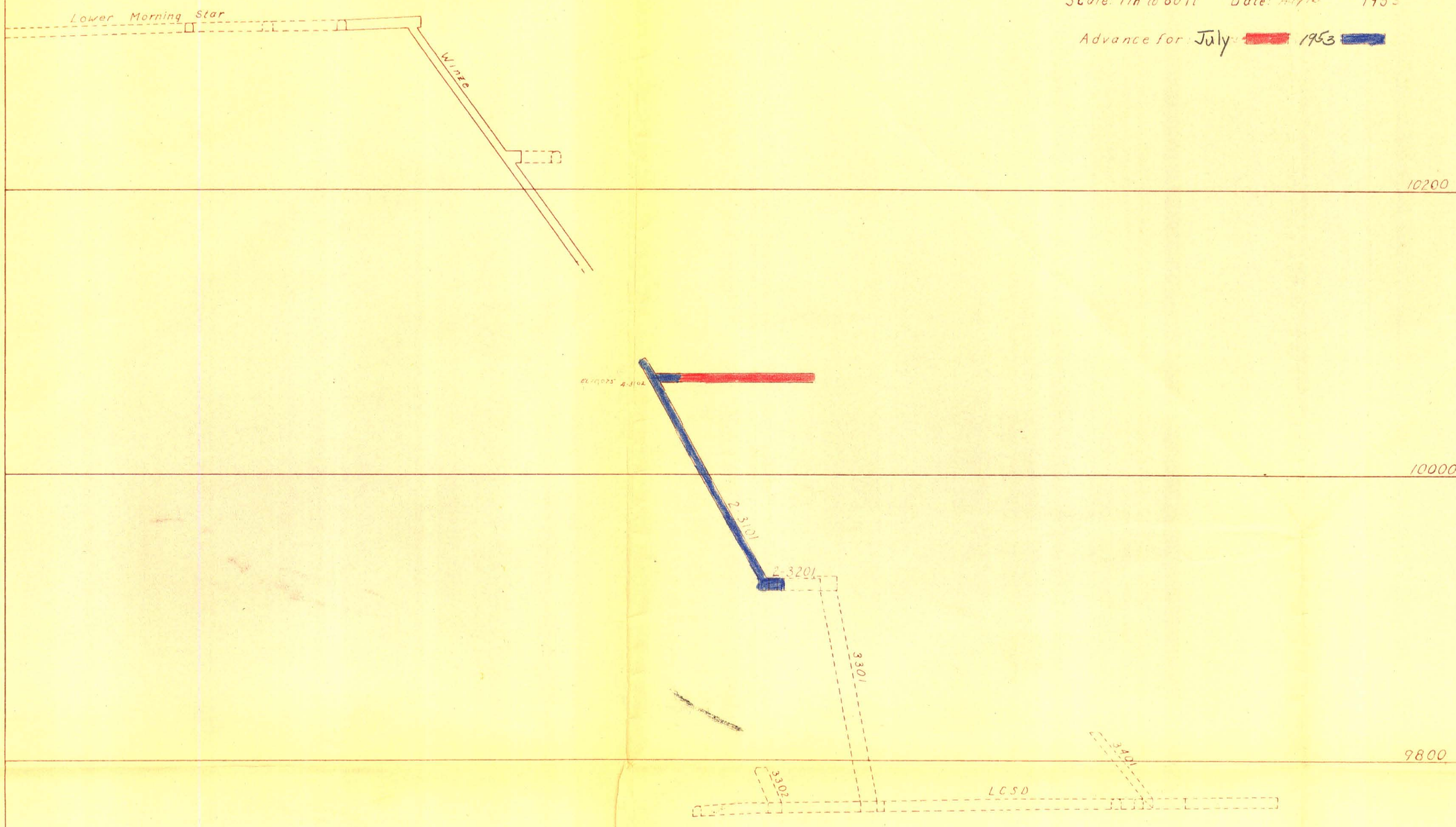



13000 N
13400 N
13800 N
17800 E
18200 E
Lower Morning Star
MS 6
MS 7
MS 8
MS 9
MS 10
MS 11
MS 12
Wire
Wire
165 ft hole through on a Bearing of S 75° 0' W
and a dip of 18° 26'
Project H
Probable Trace of Dike
Level Elevator Workings

Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: Aug 10 1953

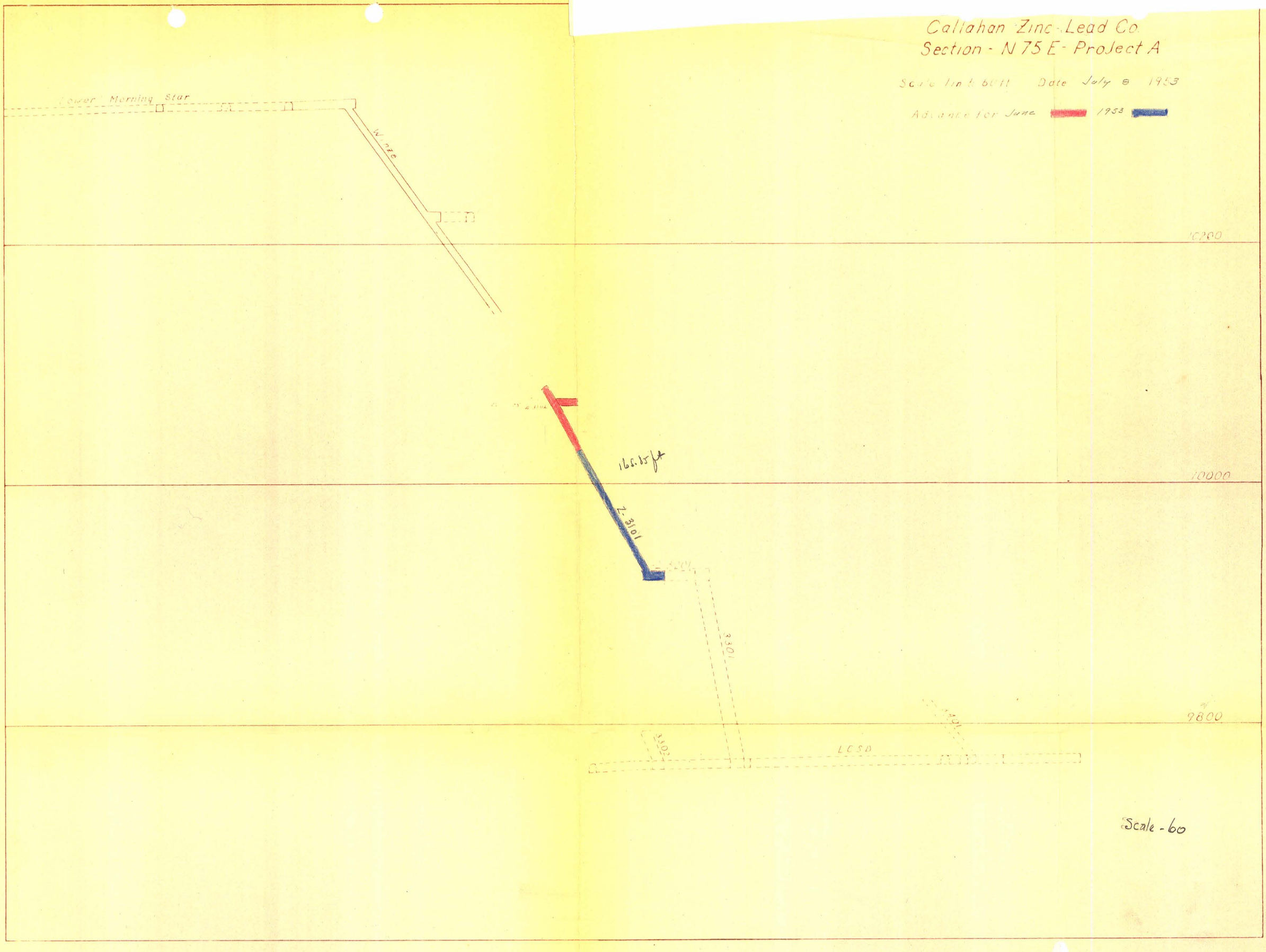
Advance for: July 1953

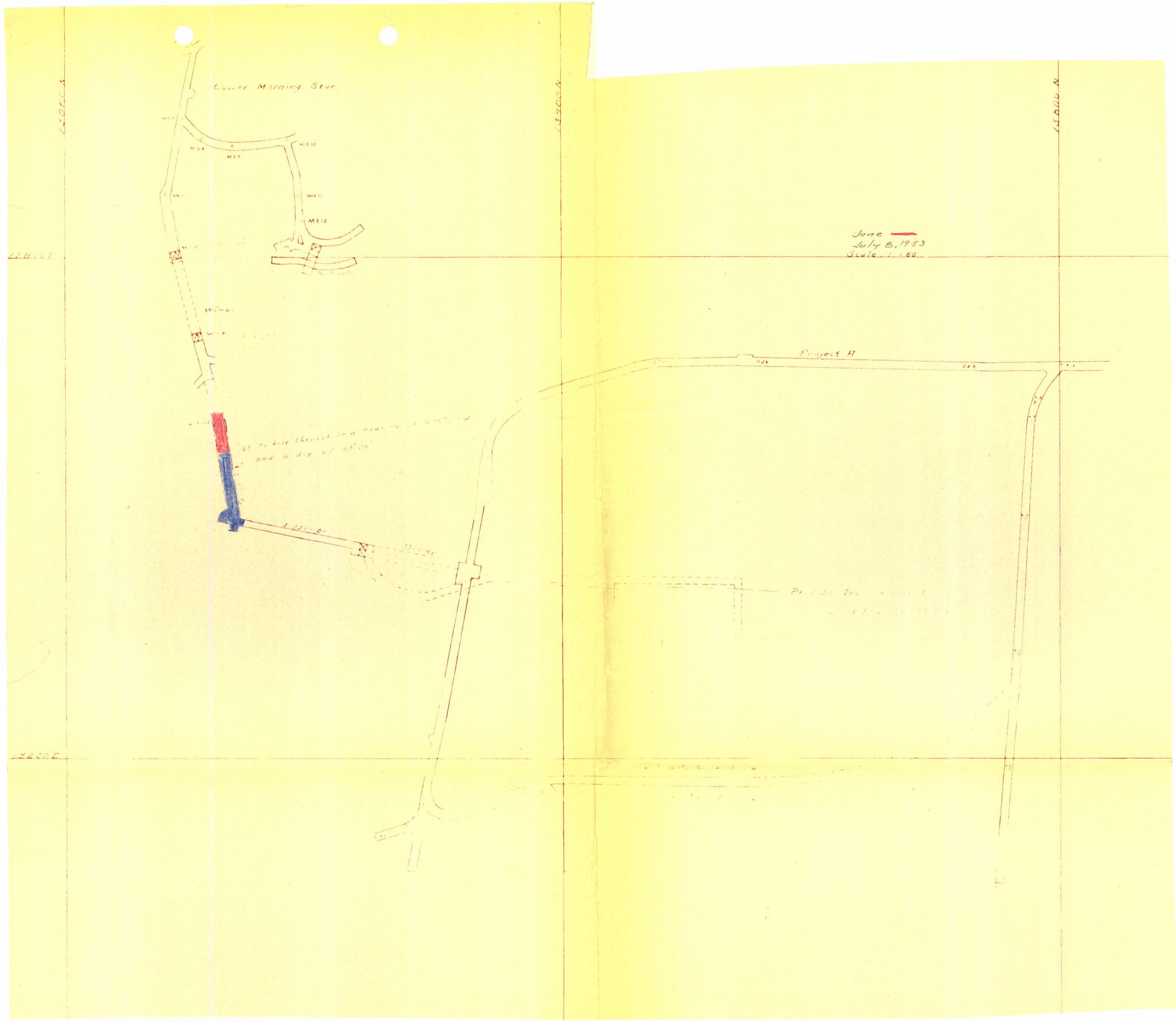


Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale 1 in. to 60 ft. Date July 6 1953

Advance for June 1953

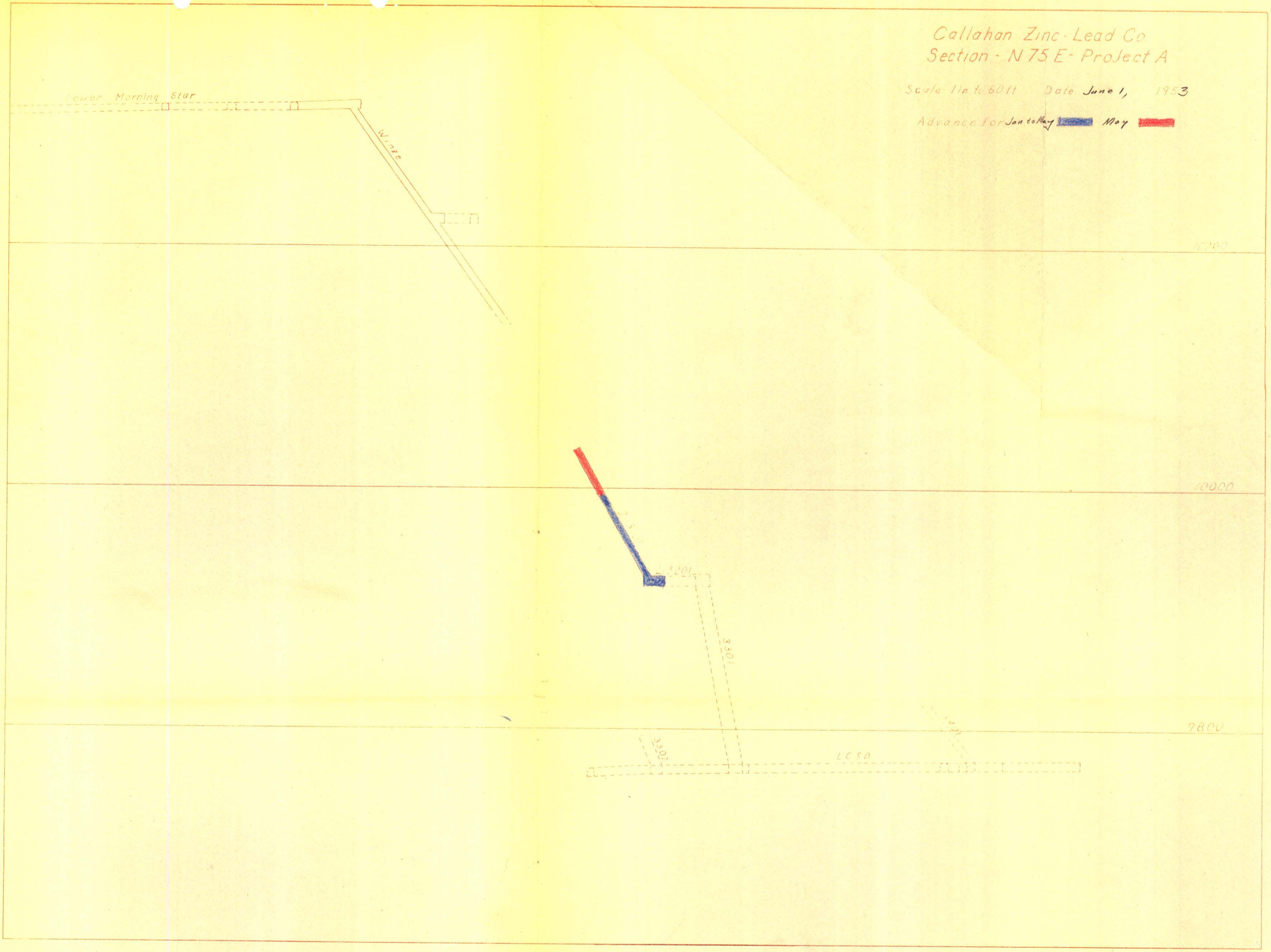


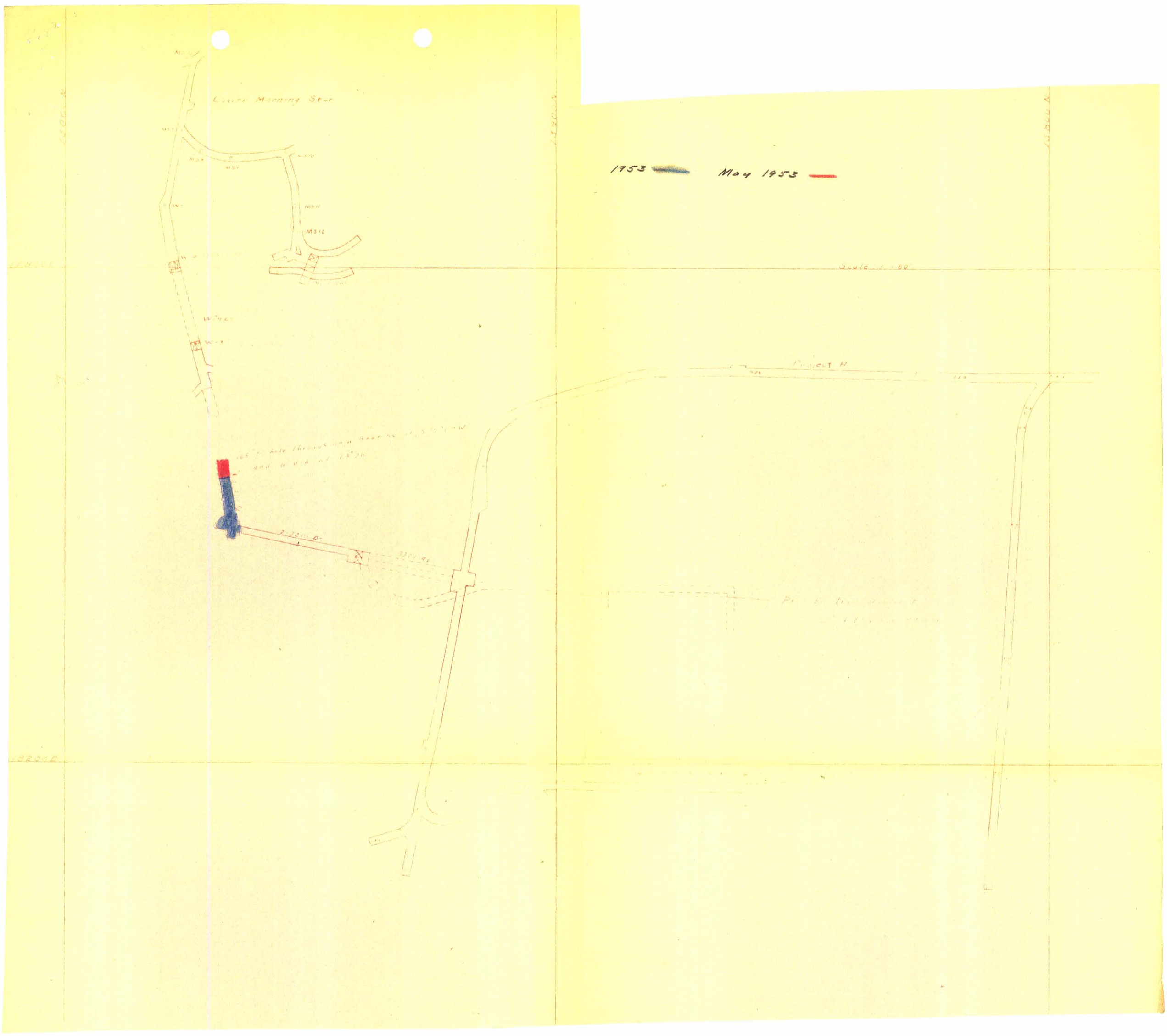

Lower Morning Star
MS10
MS9
MS11
MS12
Winze
Winze
Project A
June
July 8, 1953
Scale 1" = 60'

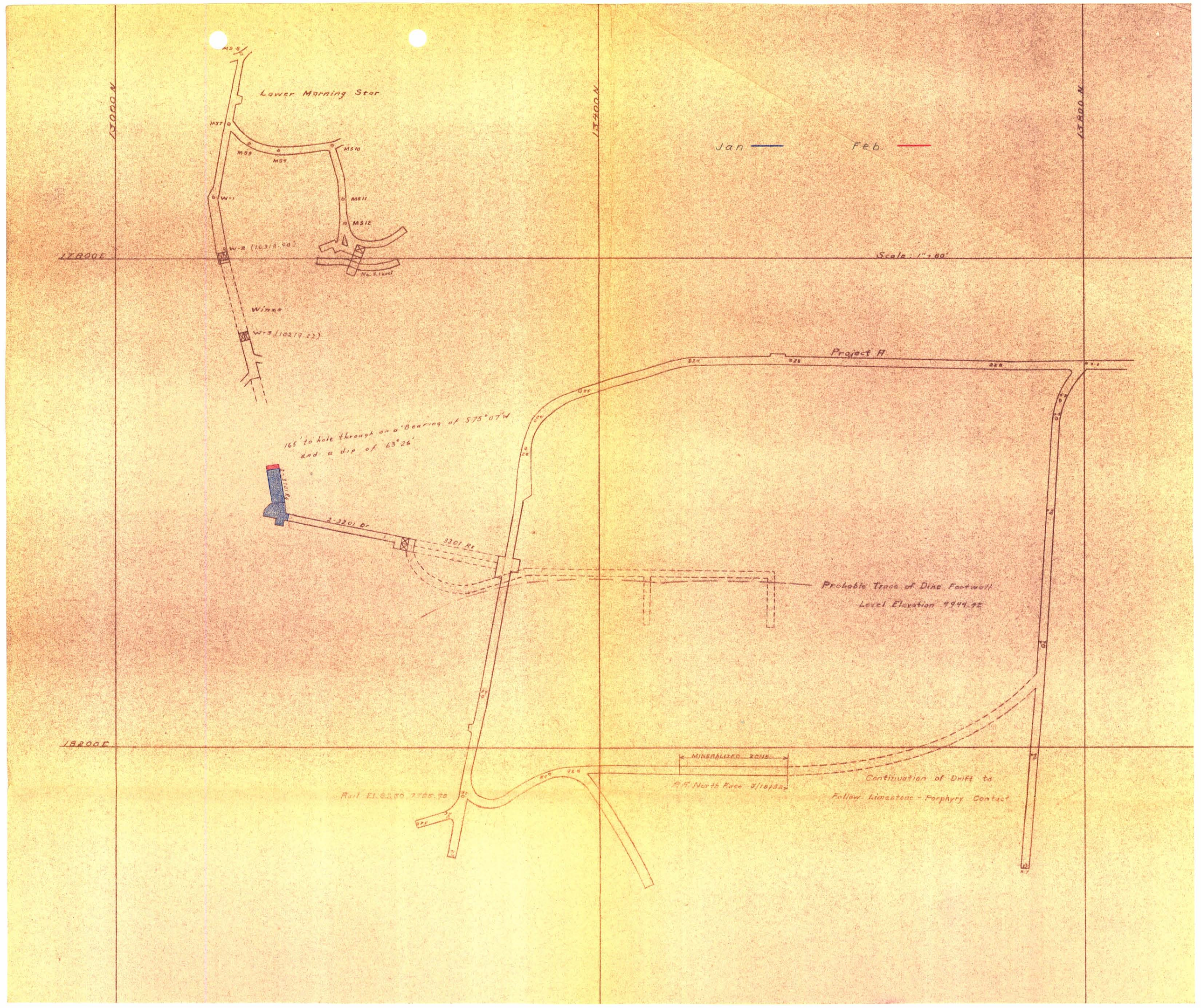
Callahan Zinc-Lead Co
Section - N 75 E - Project A

Scale 1 in to 60 ft Date June 1, 1953

Advance for Jan to May May



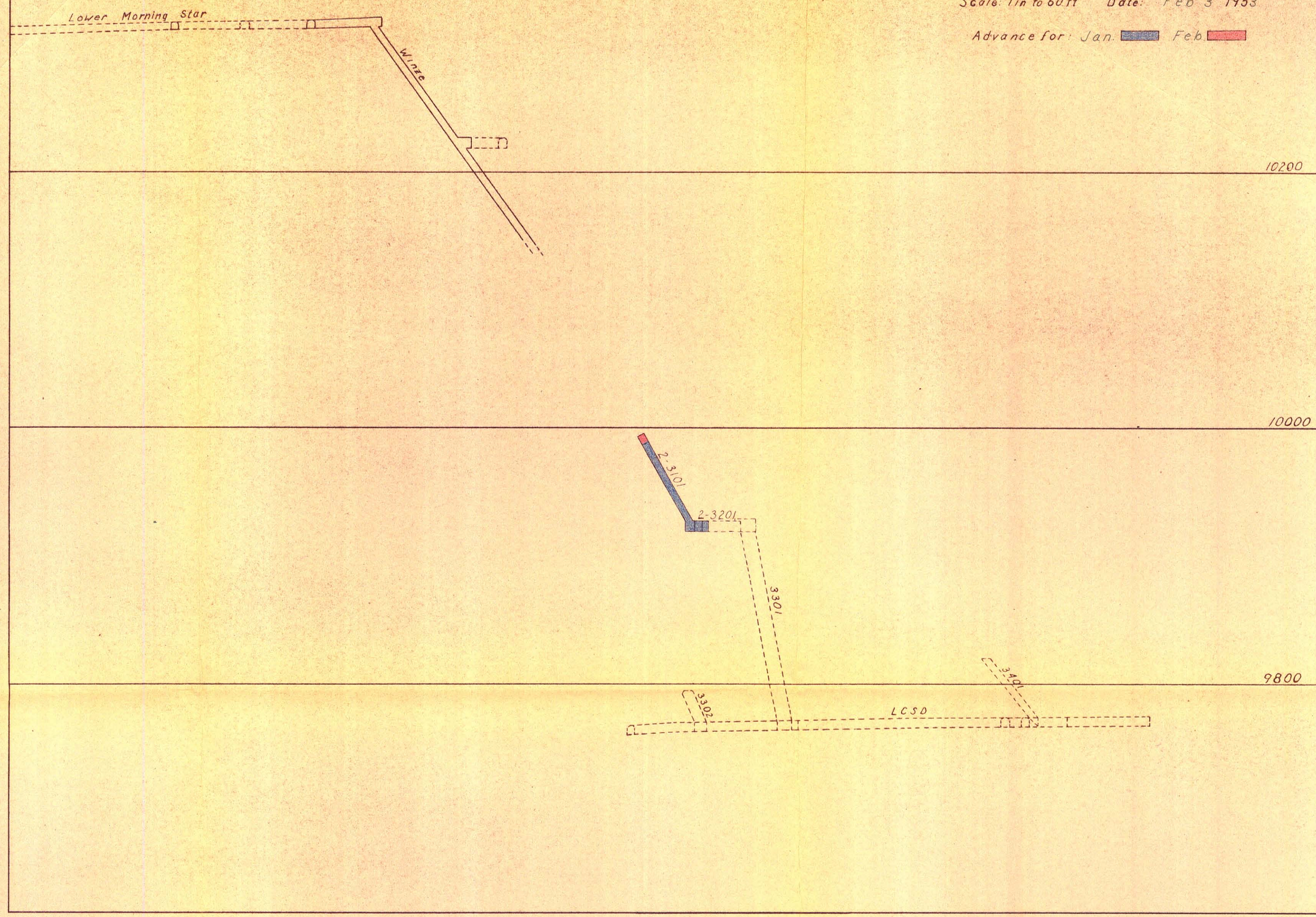

Lower Morning Star
MS10
MS11
MS12
1953
May 1953
Scale 1:100
Project H

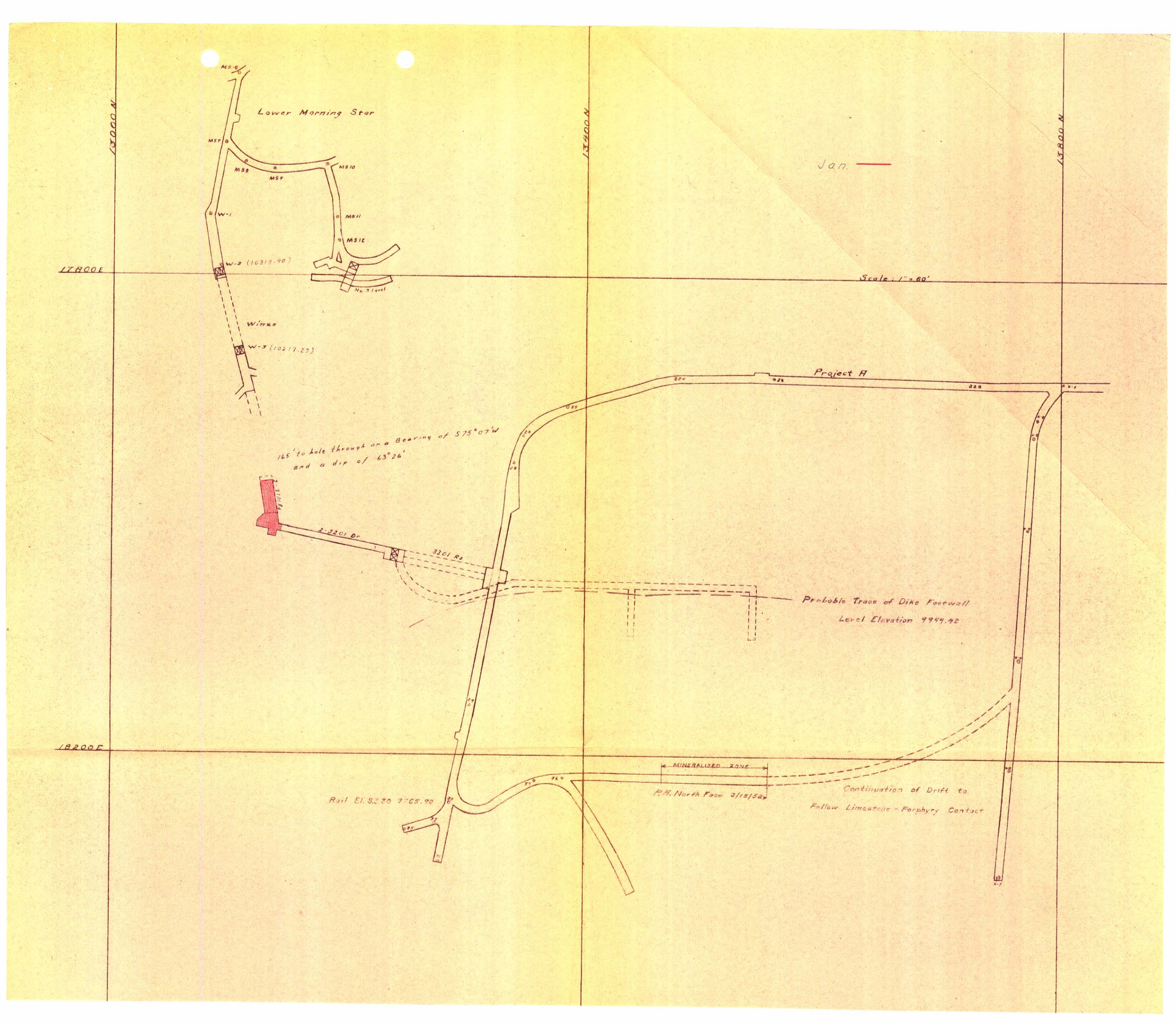

13000 N
13400 N
13800 N
17800 E
18200 E
Lower Morning Star
MS8
MS7
MS9
MS8
MS10
W-1
MS11
MS12
W-2 (10318.90)
No. 2 Level
Winze
W-3 (10219.22)
Jan
Feb
Scale: 1" = 80'
Project A
165' to hole through on a Bearing of S75°07'W
and a dip of 63°26'
3301 Dr
2-3201 Dr
3301 Rs
Probable Trace of Dike Footwall
Level Elevation 9944.92
MINERALIZED ZONE
P.A. North Face 3/18/52
Rail El. 8280 7765.70
Continuation of Drift to
Follow Limestone - Porphyry Contact

Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: Feb 3 1953

Advance for: Jan. Feb.

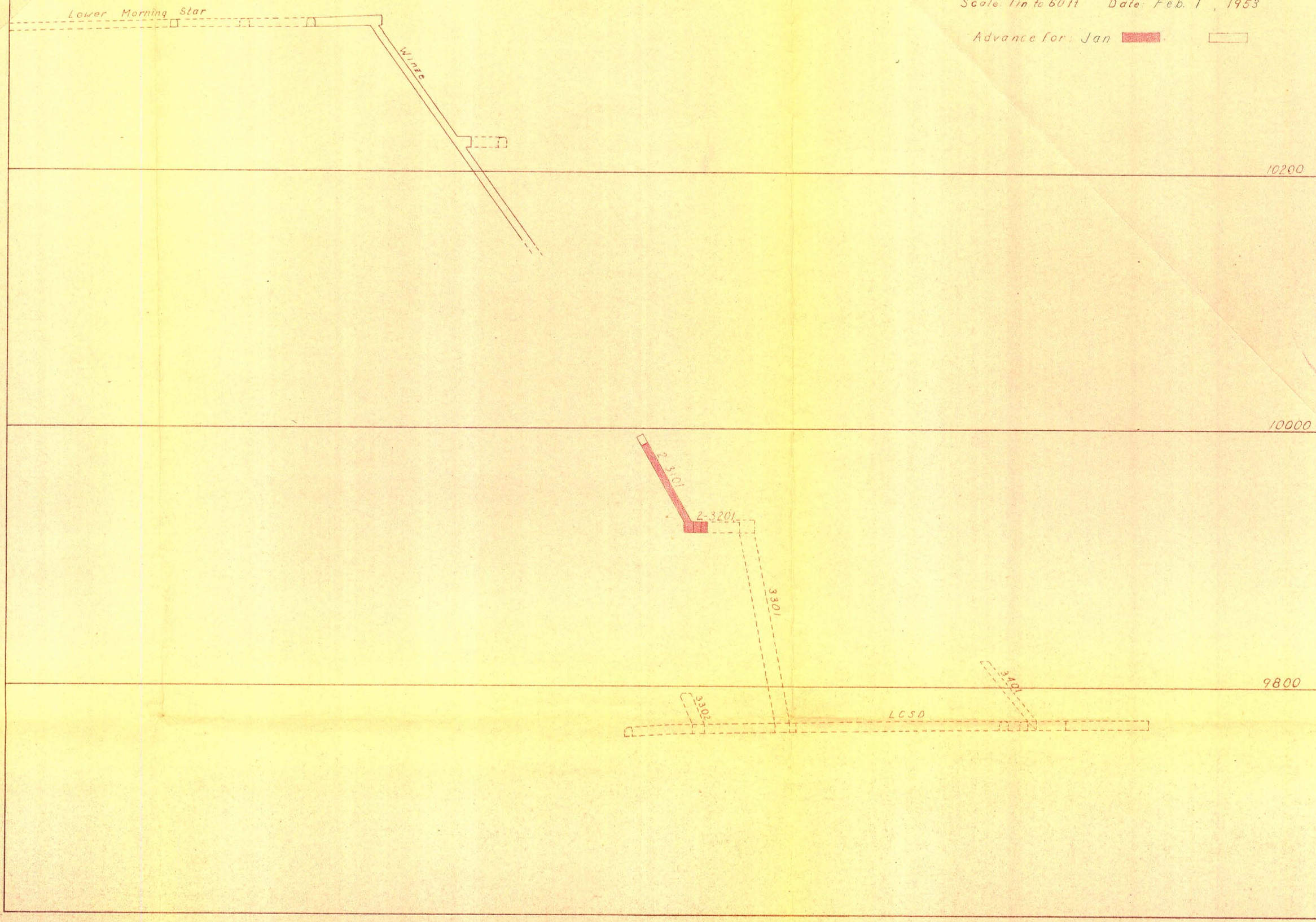



13000 N
13400 N
13800 N
17800 E
18200 E
Lower Morning Star
MS-6
MS7
MS8
MS9
MS10
MS11
MS12
W-1
W-2 (10313.90)
No. 3 Level
Winze
W-3 (10217.23)
Jan.
Scale: 1" = 60'
Project A
165' to hole through on a Bearing of S75°07'W
and a dip of 63°26'
3101 Fg
2-3201 Dr
3301 Rs
Probable Trace of Dike Footwall
Level Elevation 9944.42
MINERALIZED ZONE
P.H. North Face 3/18/58
Rail El. 5230 9765.90
Continuation of Drift to
Follow Limestone - Porphyry Contact

Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: Feb. 1, 1953

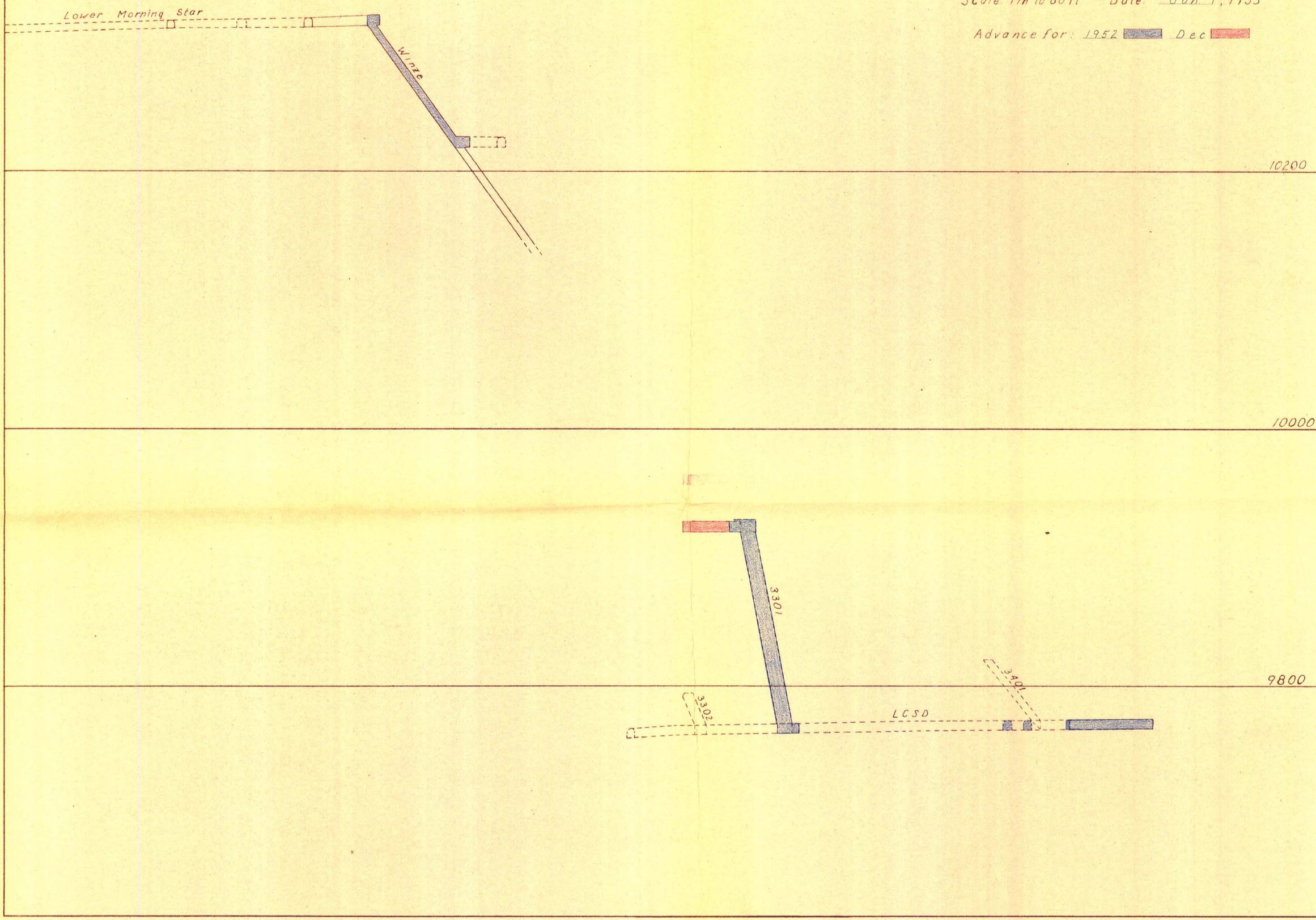
Advance for: Jan

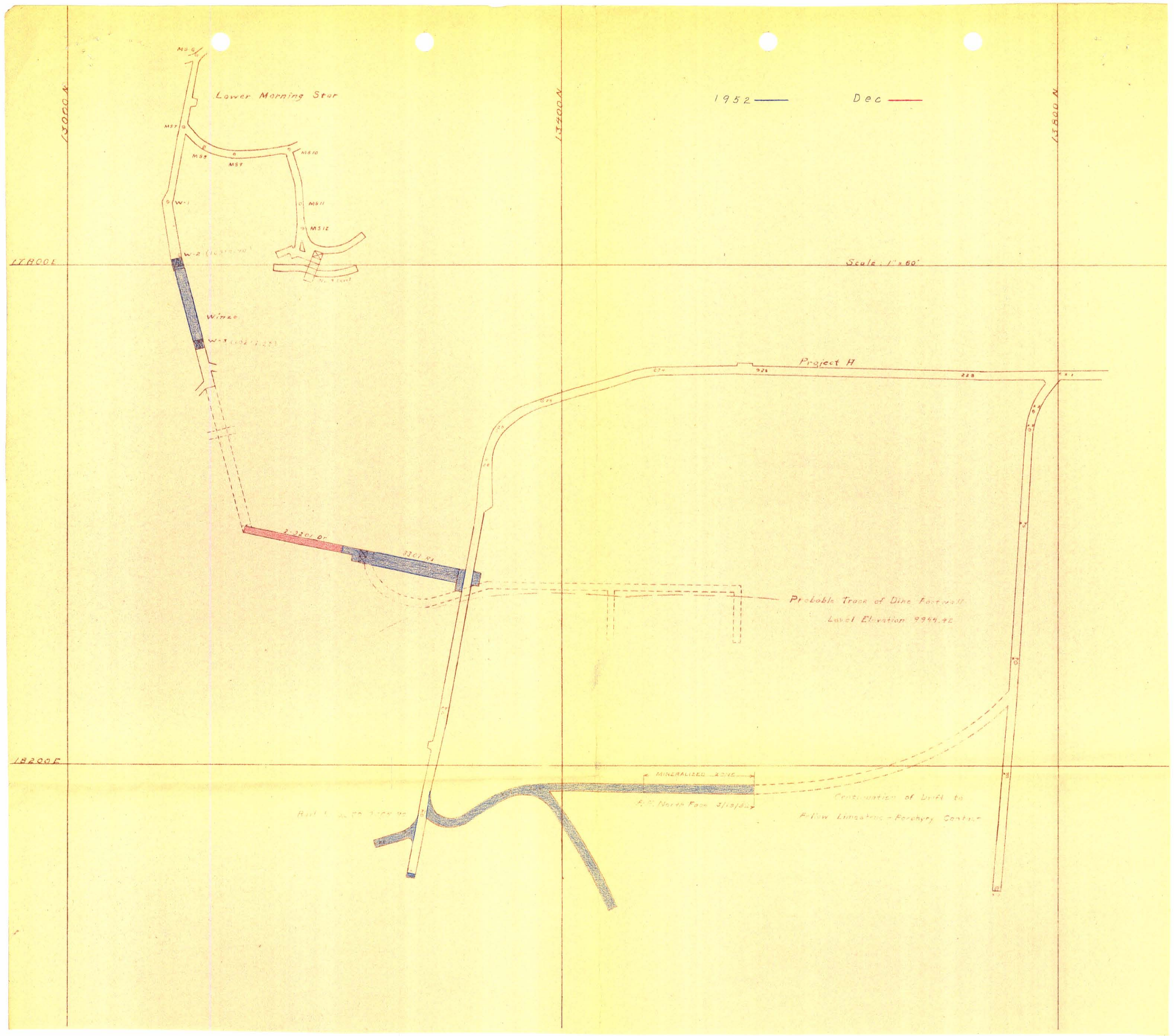


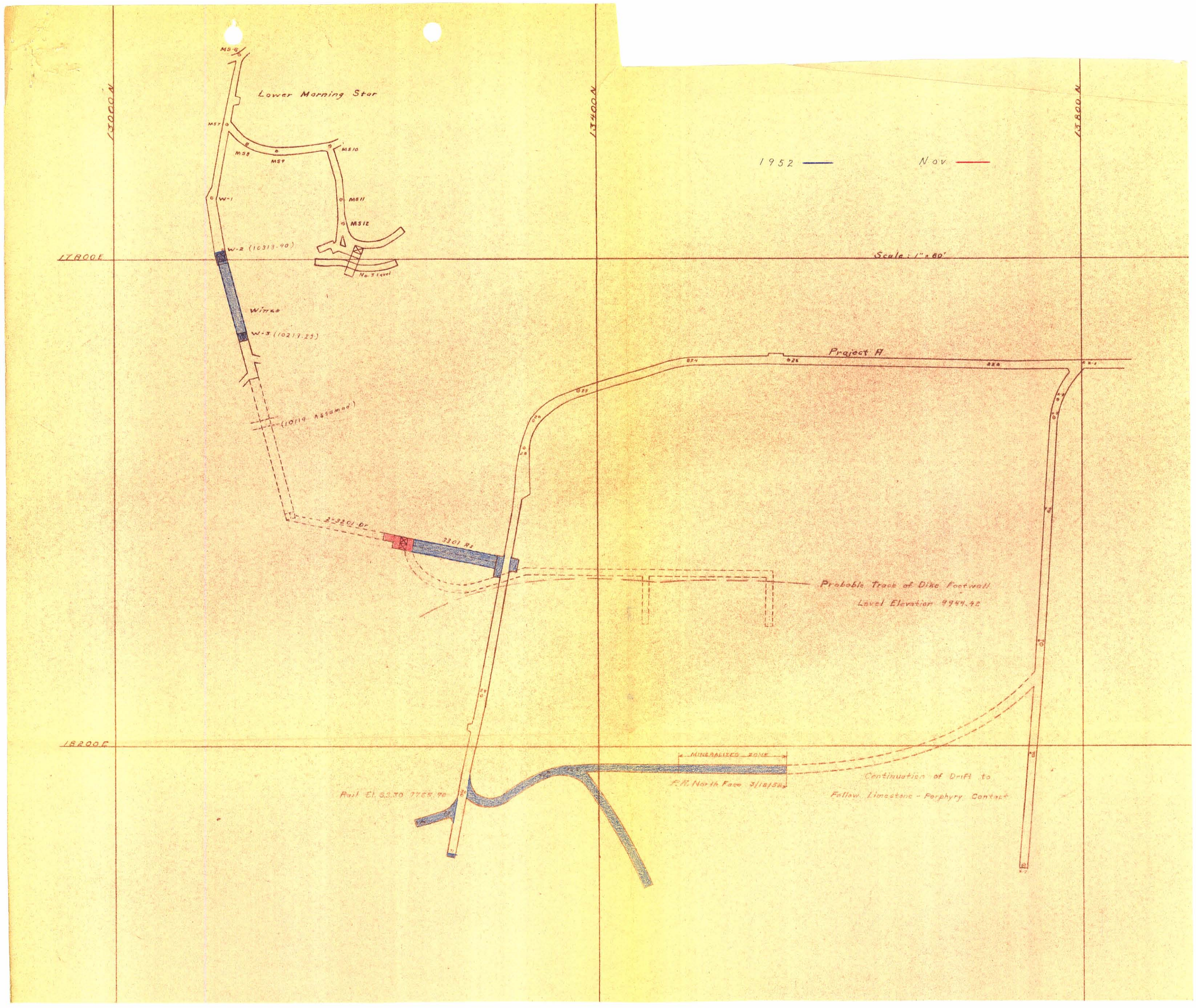
Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: Jan 1, 1953

Advance for: 1952 Dec



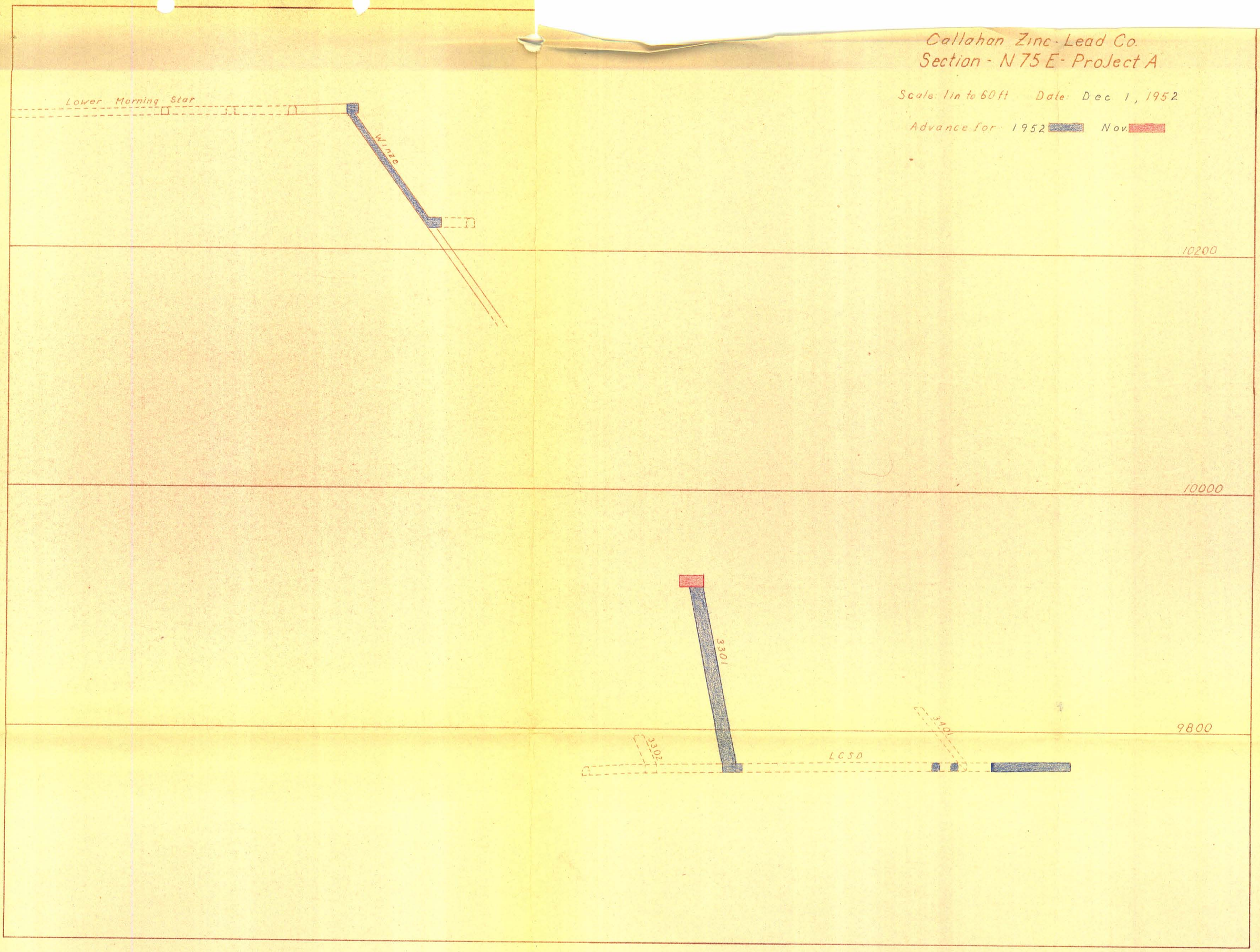

13000 N
13400 N
13800 N
1952
Dec
Lower Morning Star
MS 6
MS7
MS8
MS9
MS10
MS11
MS12
W-1
W-2
Winze
W-3
Scale: 1" = 50'
17800 E
Project H
Probable Trace of Dine Footwall
Level Elevation 9949.42
18200 E
MINERALIZED ZONE
Continuation of Drift to
Pillow Limestone - Porphyry Contact


13000 N
13400 N
13800 N
17800 E
18200 E
Lower Morning Star
MS-6
MS7
MS8
MS9
MS10
MS11
MS12
W-1
W-2 (10313.90)
No. 3 Level
Winze
W-3 (10217.25)
(1011.9 Assumed)
2-3201 DC
3301 RS
1952
Nov
Scale: 1" = 80'
Project A
Probable Track of Dike Footwall
Level Elevation 9944.42
MINERALIZED ZONE
F.F. North Face 3/18/58
Rail El. 5330 7768.96
Continuation of Drift to
Follow Limestone - Porphyry Contact

Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: Dec 1, 1952

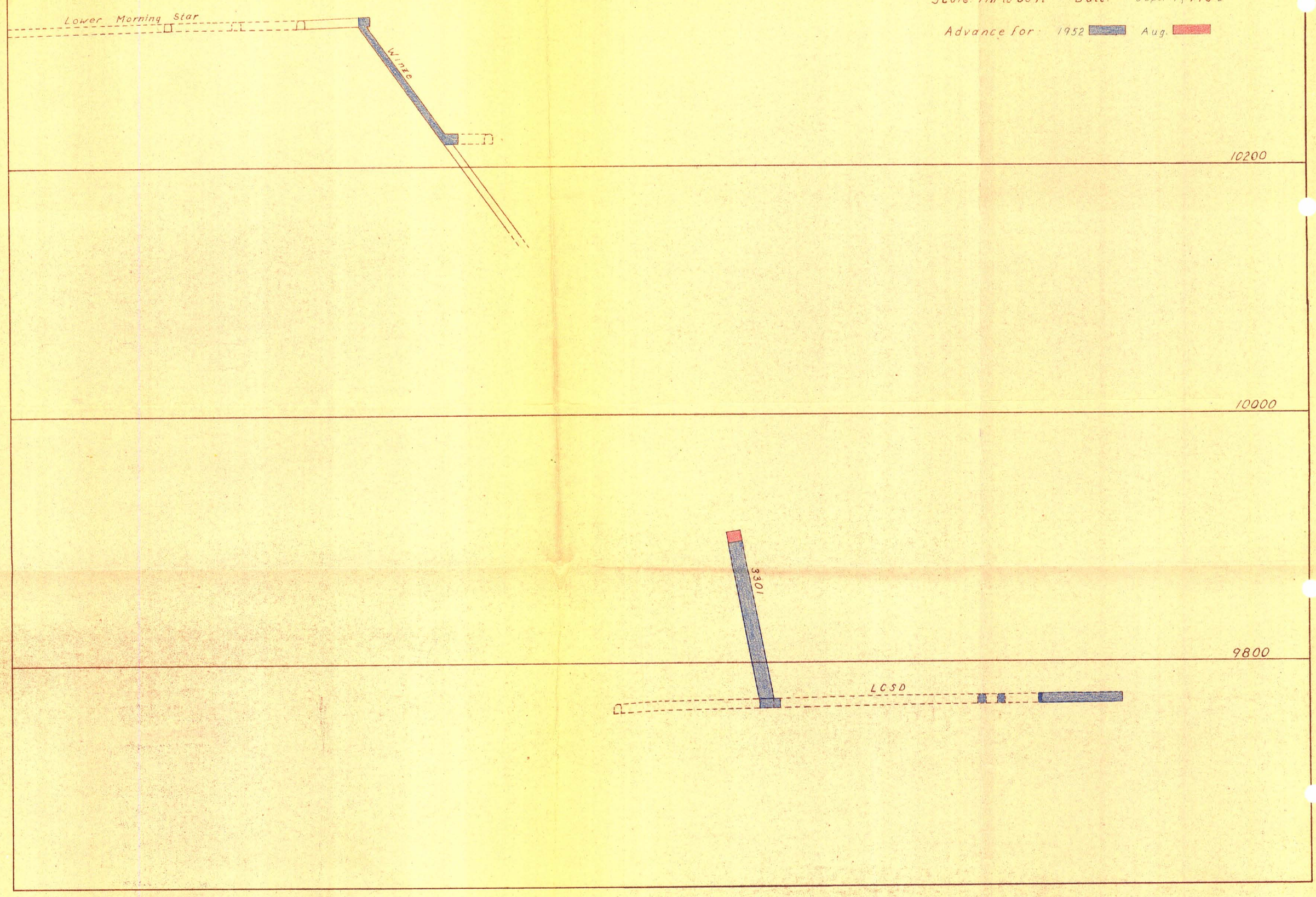
Advance for 1952 ▬ Nov. ▬



Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: Sept. 1, 1952

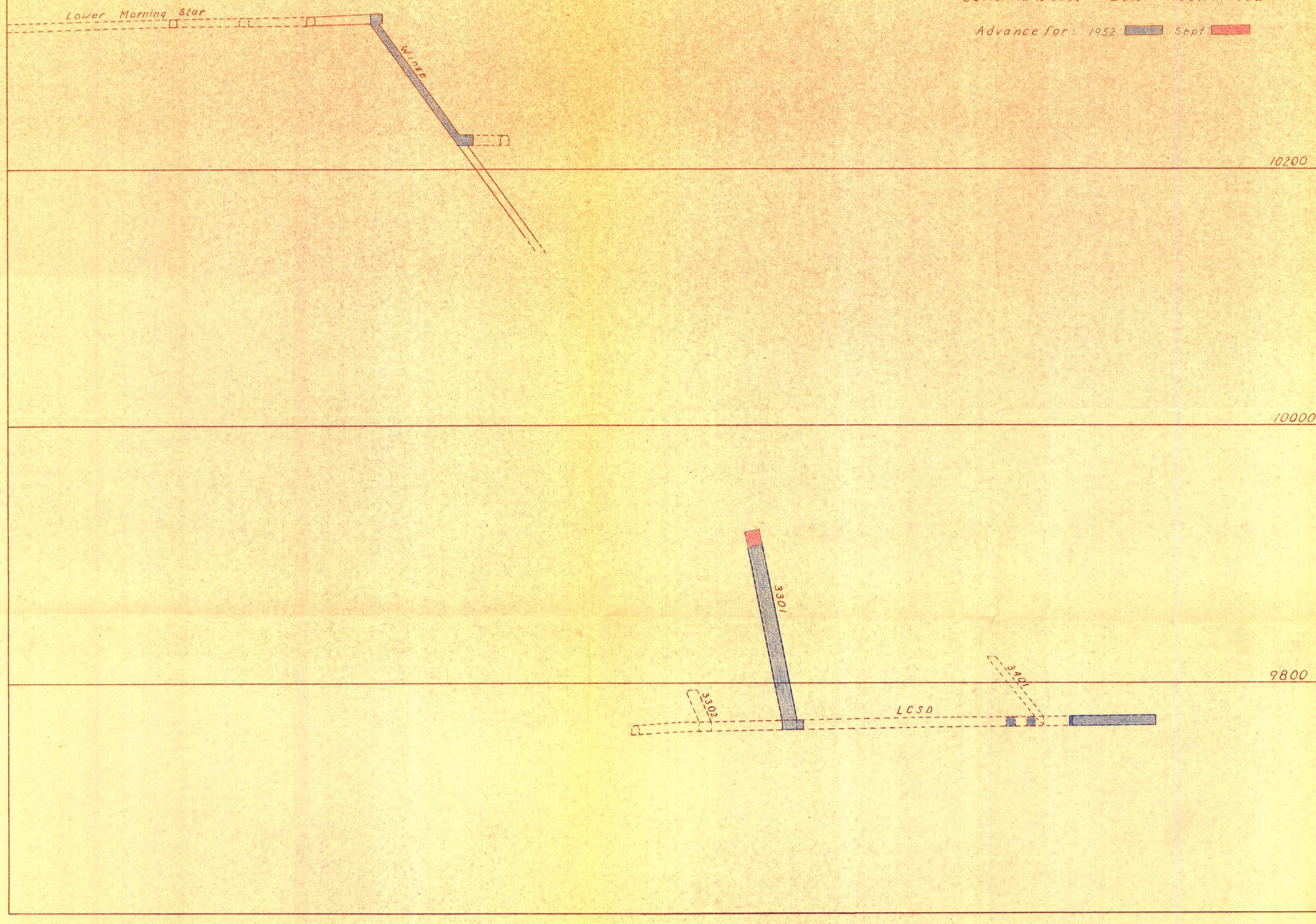
Advance for: 1952 Aug.

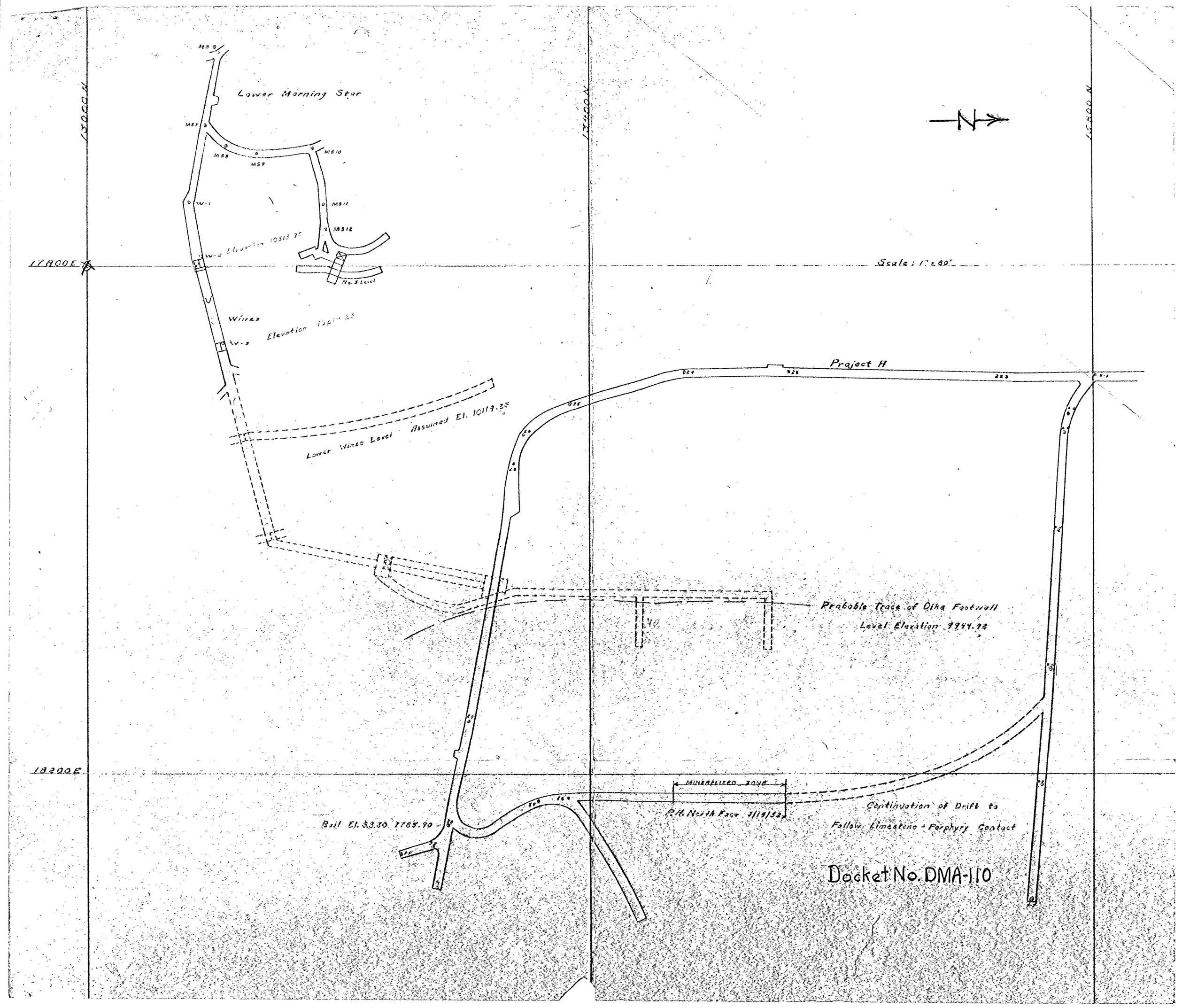


Callahan Zinc-Lead Co.
Section - N 75 E - Project A

Scale: 1 in to 60 ft Date: Oct. 1, 1952

Advance for: 1952 Sept





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