MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since January 14, 1960, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☑

2. Since January 14, 1960, has there been any production from the land subject to the contract? Yes ☒ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
American Smelting & Refining Co. Leadville, Colo. & Amarillo, Texas	39,851.544 tons	$ 178,348.24

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Standard Metals Corporation Title Office Manager

Address 264 So. 4th East Moab, Utah Date 10/15/62

4511

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

COPY

8 1962

10/18 800
120
10/18 100
10/18 110
~~500~~

JUL 23 1962

Re: DMEA-2991 (Lead-Zinc)
Shenandoah-Dives Mining Company
Letter "G" Vein Project
Silver Lake Mine
San Juan County, Colorado
Contract Idm-E558

Standard Uranium Corp.
264 South Fourth East
Moab, Utah

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

RECD
JUL 27 1962
STANDARD METALS CORP.

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

JUL 23 1962

Re: DMEA-2991 (Lead-Zinc)
Shenandoah-Dives Mining Company
Letter "G" Vein Project
Silver Lake Mine
San Juan County, Colorado
Contract Ido-1538

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 6 1962

DATE	INITIALS	CODE
8/6	[illegible]	800
		120
8/6	[illegible]	100
8/6	[illegible]	170
8/9	Received	500
		220

Standard Uranium Corp.
264 South Fourth East
Moab, Utah

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since **January 14, 1960**, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☑

2. Since **January 14, 1960**, has there been any production from the land subject to the contract? Yes ☒ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
American Smelting & Refining Co. Leadville, Colo. & Amarillo, Texas	39,851.544 tons	$ 178,348.24

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Robert M. Hunt Title

Address Date

4511

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

March 3, 1959

EXTRA COPY O. M. E. RECEIVED MAR 9 1959		
DATE	INITIALS	CODE
3/10	WPL	500

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1958 through December 31, 1958

DMEA Docket 2991
Contract Idm-E 598

Shenandoah-Dives Min. Co. (Cu-Pb-Zn)
San Juan 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.

Original signed by
J. W. TOWNSEND

J. W. Townsend

Enclosures

cc: Semiannual Report File Idm-E598
Harshman
Buel
Chron.

OME
DEPARTMENT OF THE INTERIOR
MAR 3 - 1959
REGION III
DENVER, COLORADO

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period July 1 - Dec. 31, 1958
Docket and Contract Number Docket 2091, Contract No-7500
Operator Shenandoah-Dives Min. Co. (Co-70-C1)
San Juan 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 Grey-Shenandoah mill was converted during the past year to receive custom mill ore. To date, however, the mill has not been in commercial operation.

Signed Edward W. Buel
Edward W. Buel

Date 3-2-59

OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado

November 12, 1951

Memorandum

To: [illegible]

From: [illegible] Area, Salt Lake City

Subject: [illegible] Uranium prospect,
[illegible]

[illegible] Office of Minerals Exploration, Denver, where status has
[illegible]

[illegible]

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period
Docket and Contract Number
Operator

Jan. 1, 1958 to June 30, 1958

The project has been inactive during the reporting period ☐

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

Remarks:

Contract	Docket	State	County	Commodity	Name
2631	3032	Colo.	Gunnison	Rare Earths	Rare Earths Mng. Co.
2[illegible]6	15[illegible]X	Colo.	Ouray	Lead-Zinc	Bachelor Dev. Co.
2[illegible]2	2165	Colo.	San Miguel	Lead-Zinc	Silver Dell Mines Co.
2[illegible]8	2931	Colo.	San Juan	Copper-Lead-Zinc	Shenandoah-Dives Mng. Co.

Signed _____ Date _____ Nov. 7, 1958

Edward W. Deal

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 the Semi-annual Reports of Certified Projects for the Period July 1, 1958 thru December 31, 1957

The following projects were inactive during the cited period.

Docket No.	Contract No.	Name
DMEA-2073	Idm-E245	Cuba Mining Company
DMEA-2165	Idm-E312	Silver Bell Mines Company
DMEA-2184	Idm-E342	Mayor and Thiede Mining Co.
DMEA-2213	Idm-E294	Elmer Enderlin
DMEA-2234	Idm-E317	Sam Knight Mining Lease, Inc.
DMEA-2257	Idm-E442	Walker Corporation
DMEA-2358	Idm-E271	Belle Eldridge Gold Mines, Inc.
DMEA-2399	Idm-E339	The Eagle Picher Company
DMEA-2482	Idm-E409	Raymond Combined Mines Company
DMEA-2495	Idm-E331	Copper Hill Mine Venutre, R.E. Fitzgerald
DMEA-2713	Idm-E566	Robert F. Blum
DMEA-2843	Idm-E615	Richard E. Chilson
DMEA-2929	Idm-E587	Grandview Mines
DMEA-2991	Idm-E558	Shenandoah-Dives Mining Company
DMEA-3510	Idm-E755	Paul Gille
DMEA-3428	Idm-E774	Mt. Wheeler Mines, Inc.

W. H. Griswold

8623

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

February 26, 1958

FILE COPY
RECEIVED MAR 3 1958
DATE | INITIALS | CODE
3/4 | WRD | 500

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 - December 31, 1957

DMEA Docket 2991
Contract Idm-E 558
Shenandoah-Dives Mining Company
(Silver Lake mine) San Juan 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.

Original signed by
W. H. KING

Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM:bh

cc: Semiannual Report File E 558
Harshman
DMEA/DFC (2)
Chron.

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period	July 1 - December 31, 1957
Docket and Contract Number	DMEA 2991, Idm-E558
Operator	Shenandoah-Dives Mining Co. (Silver Lake mine) San Juan 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:

It is reported that Marcy-Shenandoah Corporation, Jarvis Bldg., Durango, Colorado, took over the mines and mill belonging to the operator. Dustom milling is expected to start in March 1958.

Signed Edward W. Buel

Edward W. Buel

Date 2/7/58

ORIGINAL COPY
DMEA
RECEIVED FEB 20 1957

DATE	INITIALS	CODE
2/20	WMT	500
	Klug	

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 2991 (Lead-Copper-Zinc)
Contract Idm-E 558, Shenandoah-Dives Mining Company, (Silver Lake Mine), San Juan 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.

Original signed by
W. M. TRAVER

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

Enclosures
MHM/vj
cc: Semiannual Report File E 558
J. F. Shaw (2)
Harshman
Chron.

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period July 1, 1956 to December 31, 1956
Docket and Contract Number DMEA 2991, Idm-E558
Operator Shenandoah-Dives Mining Co. (Silver Lake 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

COPY
DMEA
1957
DATA | INITIALS | CODE

Signed Edward W. Buel
Edward W. Buel

Date
February 14, 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

RECEIVED		
DATE	INITIALS	CODE

February 12, 1957

Re: DMEA 2991; Pb-Zn-Cu;
$140,814.85
Contract Idm-E558
Shenandoah-Dives Mining Co.
San Juan County, Colorado

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Branch of Base Metals

Subject: Review of final field report dated February 1, 1957, received February 7, 1957.

The exploration under the subject contract totaled 2,799.5 feet of drifting and crosscutting at a cost of $140,814.85. The 8- by 8.5-foot drift explored 1625.5 feet of the "G" vein which averaged about 13 feet in width. On the basis of 100 drift samples taken during drifting and certain additional channel samples and core drill samples the engineers computed mineralization as follows:

Indicated: 89,200 tons averaging 0.89% lead, 0.22% zinc, 0.36% copper, 0.018 ozs. gold and 1.0 ozs. silver per ton.
Inferred: 632,000 tons averaging 0.72% lead, 0.21% zinc, 0.34% copper, 0.016 ozs. gold and 1.46 ozs. silver per ton.

Such material is obviously too low grade to mine concentrate and market profitably under conditions that prevail in the San Juan area and a discovery should not be certified, although repayment of the Government expenditures is provided by royalty on future production under the termination agreement.

O. M. Bishop

O. M. Bishop

Copy to: Division of Minerals
Mr. Kiilsgaard
Mr. Lamb
Mr. Bishop
Files

Bill
Betty
Kilgmahoney

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

RECEIVED
SEP 24 1956

224 New Customhouse
Denver 2, Colorado

Date: September 20, 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 2991 (Lead-Copper-Zinc)
Contract Idm-E 558, Shenandoah-Dives Mining Company (Silver Lake Mine), San Juan 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 558
J. F. Shaw (2)
E. N. Harshman
Chron.

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

RECEIVED
SEP 24 1956

Reporting Period Jan. 1, 1956 to June 30, 1956
Docket and Contract Number DMEA 2991, Contract Ian-3558
Operator Shenandoah-Dives Mining Co.

	"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:

Production from the property during 1942-52 totaled 1,112,941 tons of ore assaying 1.5% lead, 0.63% zinc and 0.11% copper with 0.098 ounce gold and 1.9 ounces silver per ton. From this it is seen that the ore generally was low grade.

Mr. E. A. Larsen, resident manager, was contacted on the property.

The property has been shut down since May 29, 1954 and there are no plans for future operation.

Signed C. M. Harrer
C. M. Harrer

Date
Sept. 5, 1956

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

~~Shanahan~~ ~~Blanchard~~ Betty

RECEIVED JUN 14 1956

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 Report of Certified Project for the period July 1, 1955 through December 31, 1955
DMEA Docket 2991 (Lead-Zinc-Copper)
Contract Idm-E 558 Shenandoah-Dives Mining Company (Silver Lake mine), San Juan 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.

J. W. Townsend

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

Enclosures
MHM/vj
cc: Semiannual Report File E 558
S. F. Shaw (2)
E. N. Harshman
Chron.

Semi-Annual Report of Certified Projects

Reporting Period July 1 to December 31, 1955

Docket and Contract Number DMEA 2991, Contract Idm-2558

RECEIVED JUN 14 1956

Operator Shenandoah-Dives Mining Co.

Commodity Lead-zinc-copper

Mine Name Silver Lake mine

County and State San Juan county, Colorado

Date of Contract June 26, 1953

Date of Certification (Pseudo) September 9, 1955

Expiration Date of Royalty Payments June 26, 1963

Date of Examination for this Report April 17, 1956

Total Amount of Contract $211,900.00

Total Expenditures under Contract $140,814.85

Amount of Government Participation at 50 % $70,407.43

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 There has been no production to date subject to DMEA payment Royalty.

Indicated and Inferred Ore Reserves

	Tons	Percent Lead	Percent Zinc	Percent Copper	Ounces per ton Gold	Ounces per ton Silver
Original Estimate of Reserves (from Final Engr.-Geol. Report)	63,910	2.02	0.18	0.42	0.01	1.4
	45,053	0.23	0.15	0.18	0.007	2.7
	79,750	0.3	0.2	0.3	0.01	1.7
	81,200	0.9	0.3	0.6	0.03	1.8
	61,575	0.2	0.2	0.1	0.02	0.5

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

Revised Estimate of Reserves: Same as above

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:

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

Other Remarks: Production from the property during 1942-52 totaled 1,112,941 tons of ore assaying 1.5% lead, 0.63% zinc and 0.11 percent copper with 0.095 ounce gold and 1.9 ounces silver per ton. From this, it is seen that the ore generally was very low grade.

The property has been completely shut down since May 29, 1954.

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

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

RECEIVED
FEB 13 1956

224 New Customhouse
Denver 2, Colorado

February 10, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2991 (Lead-Zinc-Copper), Contract Idm-E558
Shenandoah-Dives Mining Company, San Juan County, Colo.

In compliance with the "Special Notice" instructions contained in the "Minutes, Operating Committee," No. 622, dated January 27, 1956, we are enclosing the original and one copy of the Operator's Final Report.

The Field Team's Final Report will be forwarded as soon as the engineering and geologic sections are available.

W. M. Traver

W. M. Traver

Enclosures

RECEIVED
DMEA
Date Rec'd FEB 13 1956

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
Nov. 4, 1955

NOV 7 1955
BUREAU OF MINES
Denver, Colorado

Mr. W. M. Traver,
Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado.

Re: Docket DMEA 2991
(Lead,Zinc,Copper),
Contract IDM-E 558
Final Report

Dear Sir:

Enclosed please find five copies each of:-

1 Sample record by 100 ft. blocks--averages of our drift samples, omitting all diamond drill hole samples.
2 Copies of all samples taken--this a duplication of the monthly reports, to give you the complete sample record for the project.
3 Claim map showing Crosscut and Drift performance in Green and diamond drill holes in red.
4 Detailed cost of project, June 16, 1953 through May 29, 1954.

This report covers the period, June 16, 1953 through May 29, 1954. Government participation under the DMEA contract was started on July 6th, a Government Engineer giving us an official starting point on that date. Therefore, the total crosscutting and drifting amounted to 2,988.5 feet. Government participation 2,799.5 ft. A total of 1,228.5 ft. of diamond drilling was done. Ore crushed, transported over tramway and stockpiled at mill 2,325 tons. Waste removed 12,168 tons.

A vein was cut at the 758 co-or. in the crosscut. At the time we did not believe this could be the letter "G" vein because of the strike and a reverse dip of 75 degrees. The crosscut was extended beyond this point to the 908 co-or., approximately 50 feet beyond where we should have found the vein. A diamond drill hole 221 feet straight ahead failed to disclose vein structure. A drift was started from the 700 co-or. and turned to pick up the 758 vein about 100 feet west from the crosscut. After completing the turn we found only a narrow streak of lead ore that pinched out in a few feet. The drift was advanced to 360 W. co-or. At this point three diamond drill holes were driven. Two of the drill holes to the southwest disclosed ore. The drift was then turned to the southwest and at 460 W. the letter "G" vein, on proper strike and dip, showed ore with fair values, which continued to about 777 W. From 777 W. to 1050 W. we were in low grade vein structure. At this time we asked for and were granted permission to drift East from the crosscut. A fair grade of ore was found from 18 E. to 105 E. Only low grade vein material was found the remainder of the distance East to Co-or 481 when we suspended operations. The last 100 feet of drifting to the East was on good vein structure showing quartz and heavy iron, and on proper dip and strike of the letter "G" vein. The above indicates that we hit the letter "G" vein (758 in the X-C) in a faulted Zone.

Yours truly,

Edwin A. Larson, Res. Mgr.

EAL:1
cc: B.F.S.-Denver
K.C. Office

LETTER "G" VEIN

Assays and values of ore by 100 ft. blocks
Averaged from daily drift samples
Co-ordinates East & West from Crosscut

	Au Oz.	Ag Oz.	Pb %	Cu %	Zn %	Gross Value	60 % Net Smelter
Metal Prices	$35.00	.90	.15	.40	.12	$	$
460 W - 500 W	.01	1.77	1.52	.23	.60	9.78	5.87
500 W - 600 W	.007	1.22	1.12	.15	-	5.90	3.54
600 W - 700 W	.011	1.40	2.75	.50	.20	14.37	8.62
700 W - 800 W	.01	1.27	2.34	.68	.14	14.28	8.57
800 W - 900 W	.008	.40	.21	.38	.30	5.03	3.02
900 W - 1000 W	.01	.20	.30	.10	-	2.23	1.34
1000 W - 1050 W	.01	.10	.10	-	-	.74	.38
18 E - 100 E	.03	2.21	1.32	1.23	.26	17.46	10.48
100 E - 200 E	.034	.72	.57	.35	.28	7.02	4.21
200 E - 300 E	.03	.31	.35	.15	.28	4.25	2.55
300 E - 400 E	.014	.24	.10	.10	.10	2.05	1.23
400 E - 481 E	.01	.33	.10	.20	.16	2.93	1.76

(Diamond Drill hole at 316 E Average 11.3% Fe)

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado.

DRIFT SAMPLES FOR THE MONTH OF JANUARY 1954

Metal prices:		
	Au	$35.00
	Ag	.90
	Pb	.13
	Cu	.29
	Zn	.095

Date	Sample No.		Width ft.	Au Oz.	Ag Oz.	Pb %	Cu %	Zn %	Value Gross	Value Net-60%
1/29/54	1093	Co-or 460 W	7.0	.01	1.9	.8	.28	.9	$ 7.47	$4.48
1/30/54	1094	" 472 W	7.0	.01	2.0	1.4	.24	.7	8.51	5.11
2/1/54	1095	" 485 W	8.0	.01	1.7	3.2	.36	.6	13.43	8.06

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

DRIFT SAMPLES FOR THE MONTH OF FEBRUARY 1954

RECEIVED
FEB 13 1956

			Au	Ag	Pb	Cu	Zn		
		Metal Prices	$35.00	$ .90	$ .12	$ .29	$ .09		
Date	Sample No.		Width Ft.	Au Oz.	Ag Oz	Pb %	Cu %	Zn %	Value Gross	Value Net-60%
2/2/54	1096	495 W drift	9.0	.01	1.5	.7	.04	.1	$ 3.79	$ 2.27
2/3/54	1097	507 W drift	9.0	.01	1.8	.9	.14	-	4.94	2.96
2/4/54	1098	520 W drift	8.0	Tr.	.5	.2	.02	.1	1.23	.74
2/5/54	1099	531 W drift	8.0	Tr.	.7	.4	.04	-	1.82	1.09
2/6/54	1100	542 W drift	8.0	.01	.9	.6	.04	-	2.83	1.70
2/8/54	1240	554 W drift	8.5	.01	1.2	1.4	.08	-	5.25	3.15
2/9/54	1241	563 W Drift	8.5	.01	1.8	1.1	.32	.1	6.65	3.99
2/10/54	1242	575 W Drift	8.5	.01	1.6	3.1	.18	.2	10.63	6.38
2/11/54	1243	589 W Drift	8.5	.01	1.3	1.3	.38	-	6.84	4.10
2/12/54	1244	601 W Drift	9.0	.02	1.8	2.2	.56	-	10.85	6.51
2/13/54	1245	614 W.Drift	5.0	.01	1.5	3.0	.20	.3	10.60	6.36
2/15/54	1246	626 W Drift	5.5	.02	2.0	6.5	.16	.2	19.39	11.63
2/16/54	1247	638 W Drift	9.0	.01	1.7	4.6	.68	.3	17.40	10.44
2/17/54	1249	651 W Drift	9.0	.01	1.3	2.2	1.04	.1	13.01	7.81
2/18/54	1250	665 W Drift	8.0	.01	1.5	1.0	.86	.6	10.17	6.10
2/19/54	1251	678 W Drift	8.0	Tr	.2	.3	.22	-	2.18	1.31
2/20/54	1254	691 W Drift	9.0	.01	1.2	2.2	.32	-	8.57	5.14
2/22/54	1255	701 W Drift	9.0	.01	2.0	3.8	.70	.10	15.51	9.31
2/23/54	1256	712 W Drift	8.5	.01	.9	2.0	.12	-	6.66	4.00
2/24/54	1257	725 W Drift	8.5	.02	2.2	6.8	.44	.50	22.45	13.47
2/25/54	1258	739 W Drift	8.5	.01	1.5	1.5	1.45	.20	14.07	8.44
2/26/54	1259	753 W. Drift	8.5	Tr.	.4	.4	.10	-	1.90	1.14
2/27/54	1260	765 W Drift	8.0	.01	1.4	1.9	.90	.10	11.57	6.94
3/1/54	1261	777 W Drift	8.0	.01	1.2	2.2	1.35	.10	14.72	8.83

RECEIVED
FEB 13 1956

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

DRIFT SAMPLES FOR THE MONTH OF MARCH 1954

				Au.	Ag	Pb	Cu	Zn			
			Metal Prices	$35.00	$ .90	$ .12	$ .29	$ .09			
Date	Sample No.		Width Ft.	Au Oz.	Ag Oz.	Pb %	Cu %	Zn %	Value Gross	Value Net-60%	
3/2/54	1262	Test hole	7.0	.01	.4	.2	.3	.2	$ 3.29	$ 1.97	
3/2/54	1263	789 W. Drift	9.0	.01	.6	.1	.4	.1	3.63	2.18	
3/3/54	1264	802 W. Drift	9.0	.01	.2	.4	.2	1.8	5.89	3.53	
3/4/54	1265	815 W. Drift	8.5	.02	.4	.4	.3	.2	4.12	2.47	
3/5/54	1266	828 W. Drift	8.5	.01	1.6	.2	1.9	.1	13.47	8.08	
3/6/54	1267	840 W. Drift	9.0	-	.1	.2	-	-	.57	.34	
3/8/54	1428	840 DDH 0-6'		.01	.6	.2	.4	.1	3.87	2.32	Avg $2.34
3/9/54	1429	840 DDH 6-12'		.03	.3	.1	.4	.1	4.06	2.44	
3/10/54	1268	852 W. Drift	8.0	.01	.2	.1	.1	.1	1.53	.92	
3/11/54	1269	865 W. Drift	8.5	-	.1	.1	-	.1	.60	.36	
3/12/54	1270	878 W. Drift	9.0	.01	.3	.1	.3	.1	2.78	1.67	
3/13/54	1271	891 W. Drift	9.0	.01	.3	.2	.2	.1	2.44	1.46	
3/15/54	1272	904 W. Drift	8.5	-	.1	.1	.2	.1	1.67	1.00	
3/16/54	1273	910 W. Drift	8.5	-	-	.1	.1	.1	1.00	.60	
3/17/54	1274	923 W. Drift	9.0	.01	.1	-	.1	-	1.02	.61	
3/18/54	1275	938 W. Drift	8.5	.01	.7	2.6	.1	.1	7.98	4.79	
3/19/54	1276	950 W. Drift	10.0	.01	.4	.1	-	-	.95	.57	
3/22/54	1430	950 DDH 0-6'		.02	.7	.1	.5	.1	4.65	2.79	$1.18
	1431	950 DDH 6-12'		.01	.2	-	.1	.1	1.29	.77	
	1432	950 DDH 12-16'		.02	.5	-	.1	.1	1.91	1.15	
3/24/54	1277	956 W. Drift	9.0	.02	.2	.1	.1	.1	1.88	1.13	
3/25/54	1278	970 W. Drift	8.5	.01	.1	-	-	-	.44	.26	
3/26/54	1279	983 W. Drift	8.5	-	.1	-	-	-	.09	.05	
3/27/54	1280	998 W. Drift	8.5	.02	.2	.1	-	-	.77	.46	
3/29/54	1281	1010 W. Drift	8.5	.01	.1	.1	-	.1	.77	.46	
3/30/54	1282	1023 W. Drift	9.0	-	-	.1	-	.1	.35	.21	$.36
3/31/54	1283	1036 W. Drift	8.5	-	-	-	-	-	-	-	
4/1/54	1284	1050 W. Drift	8.5	.01	.1	.1	-	-	.68	.41	

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE April 1954

Metal Prices $35. .90 12¢ 29¢ 9¢

SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
1285	18 E. Drift 4/5	8.5'	.02	1.7	1.4	.9	.5	$ 11.71	$ 7.03
1286	28 E. Drift 4/6	8.5'	.04	2.3	3.0	1.8	.3	21.65	12.99
1287	38 E. Drift 4/7	8.5'	.03	1.5	2.6	1.1	.5	15.92	9.55
1288	48 E. Drift 4/8	8.5'	.03	1.0	.5	1.0	.2	9.31	5.58
1289	60 E. Drift 4.9	8.5'	.03	1.5	.6	1.2	.2	11.16	6.70
1290	70 E. Drift 4/10	8.5'	.04	3.2	.9	2.2	.1	19.38	11.62
1291	82 E. Drift 4/12	8.5'	.02	.7	.6	.5	.2	6.03	3.62
1292	78 E. Test Hole, 5 ft. left side of drift		.08	1.4	.8	1.2	.2	13.30	7.98
1293	78 E. Test Hole, 6 ft. right side of drift		.02	.4	.1	.5	.2	4.56	2.74
1294	94 E. Drift 4/13	8.5'	.03	5.8	1.0	1.2	.1	15.81	9.49
1295	105 E. Drift 4/14	8.5'	.02	2.3	.7	.9	.2	10.03	6.02
1296	115 E. Drift 4/15	8.5'	.01	.4	.2	.3	.1	3.11	1.87
1297	111 E. Test Hole, 10 ft. left side of drift		.02	.7	1.1	.3	.1	5.89	3.53
1298	111 E. Test Hole, 8 ft. right side of drift		.02	.6	.2	.3	.2	3.92	2.35

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE April 1954

Metal Prices $35. .90 12¢ 29¢ 9¢

SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
1299	126 E. Drift 4/16/54	8.5'	.04	1.0	.5	.6	.2	$ 7.34	$ 4.40
1300	138 E. Drift 4/17/54	8.5'	.01	.8	.7	.6	.1	6.41	3.85
1433	148 E. Drift 4/19/54	8.5'	.02	.7	1.1	.4	.2	6.65	3.99
1434	146 E. Test Hole 7 feet left side		.02	.3	.6	.2	.1	3.75	2.25
1435	158 E. Drift 4/20/54	8.5'	.06	.2	.5	.2	.8	6.08	3.65
	165 E. Dia.Drill Hole # 291 40 ft Right Side								
1540	0 to 10'		.01	.8	.4	.08	.1	2.67	1.60
1541	10' to 15'		.03	3.0	1.1	.86	.6	12.46	7.48
1542	15' to 20'		.01	.5	.5	.08	-	2.46	1.48
1543	20' to 30'		.01	.8	.6	.04	.2	3.10	1.86
1544	30' to 40'		tr	.5	.3	.04	-	1.40	.84
1547	0 to 10' (cuttings from DDH)		.16	1.3	.4	.12	.1	8.61	5.17
1548	10' to 20' (cuttings from DDH)		.04	1.7	.7	.64	.3	8.86	5.32
	165 E. Dia.Drill Hole # 290 10 ft left side								
1538	0 to 10'		-	.1	.1	-	.2	.69	.41
1539	Cuttings, 0 to 10'		.01	.2	.1	-	1.4	3.29	1.97
	95 E Dia.Drill Hole # 292 22 ft Right side								
1545	0 to 10'		.01	.2	.1	.1	.4	2.07	1.24
1546	10' to 22'		.01	.1	.2	.1	.5	2.40	1.44
1549	0 to 10' (cuttings)		.01	.2	.1	.1	.2	2.23	1.34
1550	10' to 22' (cuttings)		.03	.3	.3	.1	.6	3.70	2.22

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE April 1954

SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
			$35.	.90	12¢	29¢	9¢		
1436	167 E. Drift 4/23/54	8.5	.03	.7	1.6	.3	.3	7.80	4.68
1437	174 E. Drift 4/24/54	8.5	.12	.4	.2	.2	.4	6.92	4.15
1438	185 E. Drift 4/26/54	8.5	.02	.6	.1	-	.3	2.02	1.21
1439	196 E. Drift 4/27/54	8.5	.01	.1	.1	-	.2	1.04	.62
1440	208 E. Drift 4/28/54	9.0	.08	.3	.2	.15	.1	4.60	2.76
1441	204 E. Test Hole	8.0	Tr.	.1	.1	-	.1	.51	.31
1442	220 E. Drift 4/29/54	8.5	.01	.4	.1	.3	.7	3.95	2.37
1443	231 E. Drift 4/30/54	8.5	.01	.2	.2	.1	.1	1.77	1.06
1541	Dia. Drill Hole # 291 10' to 15'								
	Vanadium .05								
	Uranium .01								
	Molybdenum .08								
	Manganese 2.4								
1444	242 E. Drift 5/1/54	8.5	.04	.2	.5	.1	.2	3.72	2.23
1445	247 E. Drift 5/3/54	8.5	.02	1.0	1.3	.2	.3	6.42	3.85

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE May 1954

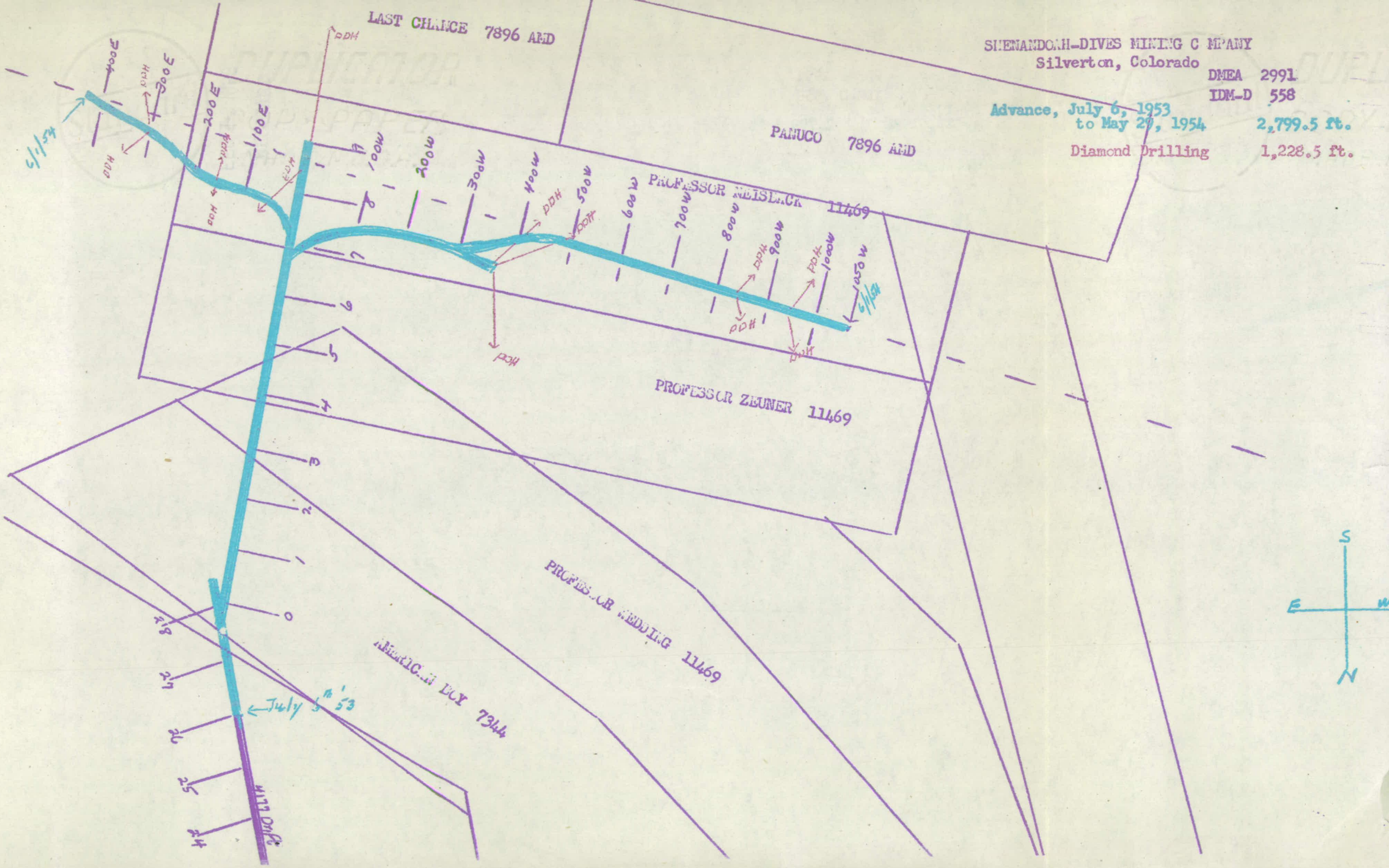
SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
			$35.	.90	12¢	29¢	9¢		
1446	259 E. Drift	8.5'	.07	.3	.3	.15	.7	5.57	3.34
1447	264 E. Test Hole 8 feet Footwall		Tr.	.1	.1	-	.15	.60	.36
1448	270 E. Drift	8.5'	.01	.1	.3	.15	.1	2.21	1.33
1451	280 E. Drift	8.5'	.01	.2	.2	.1	.2	1.95	1.17
1452	292 E. Drift	8.5'	.01	.1	.1	.1	.1	1.44	.86
1453	303 E. Drift	8.5'	.04	.1	.1	.1	-	2.31	1.39
1454	313 E. Drift	8.5'	Tr.	.1	.1	-	.1	.51	.31
	316 E. Dia. Drill Hole # 294								
1551	0 - 5 ft. Left Side		.01	.2	.1	.1	.1	1.53	.92
1552	5 - 10 ft. " "		.01	.4	.2	.6	.1	4.85	2.91
1553	10 - 15 ft. " "		.07	.2	.1	.3	.2	4.97	2.98
	(Dia.Drill samples average 11.3 Iron)								
1455	329 E. Drift	8.5'	.01	.2	.1	.1	.1	1.53	.92
1456	340 E. Drift	8.5'	.01	.2	.1	.15	.1	1.82	1.09
1457	350 E. Drift	8.5'	.01	.3	.1	.1	.1	1.62	.97
1458	360 E. Drift	8.5'	.02	.5	.1	.15	.1	2.44	1.46
1459	370 E. Drift	8.5'	.01	.3	.1	.20	.1	2.20	1.32
1460	381 E. Drift	8.5'	.01	.2	.1	.10	.1	1.53	.92

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE May 1954

SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
			$35.	.90	12¢	29¢	9¢		
1461	396 E. Drift	8.5	.01	.3	.1	.1	.1	$ 1.62	$ .97
1462	408 E. Drift	8.5	.01	.2	.1	.25	.1	2.40	1.44
1463	418 E. Drift	8.5	.01	.4	.1	.20	.6	3.19	1.91
1464	429 E. Drift	8.5	.01	.1	.1	.10	.1	1.53	.92
1465	440 E. Drift	8.5	.01	.4	.1	.20	-	2.11	1.27
1466	452 E. Drift	8.5	.01	.3	.1	.15	.1	1.91	1.15
1467	464 E. Drift	8.5	.01	.4	.2	.20	.1	2.53	1.52
1468	476 E. Drift	8.5	.01	.4	.1	.20	.1	2.29	1.37
1469	481 E. Drift	7.5	.01	.5	.1	.30	.2	3.14	1.88
1450	990 W. Drift .02 Uranium								
1449	167 E. Drift .02 Uranium								


SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
DMEA 2991
IDM-D 558
Advance, July 6, 1953
to May 29, 1954 2,799.5 ft.
Diamond Drilling 1,228.5 ft.
LAST CHANCE 7896 AMD
PANUCO 7896 AMD
PROFESSOR NEISLACK 11469
PROFESSOR ZEUNER 11469
PROFESSOR WEDDING 11469
AMERICAN BOY 7344
6/1/54
July 5th '53
DDH
400E
300E
200E
100E
0
100W
200W
300W
400W
500W
600W
700W
800W
900W
1000W
1050W
0
1
2
3
4
5
6
7
8
9
18
19
20
21
22
23
24
S
E
W
N

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

RECEIVED
FEB 13 1956

Letter "G" Crosscut and Drift.
June 16, 1953 to May 29, 1954

Total advance	2,988.5 ft.*
Diamond drilling	1,228.5 ft
Ore stockpiled	2,325 tons
Waste Removed	12,168 tons

* Government participation, D.M.E.A. Contract 2,799.5 feet

	Total	Cost/ft. Basis 2,988.5 ft.
Labor - Miners	$ 41,004.53	$ 13.72
Liability Insurance	2,362.63	.79
Payroll Tax	1,301.08	.44
Explosives	10,845.51	3.63
Electric Caps	3,700.84	1.24
Track & Ditch	6,533.111	2.19
Air, Water & Vent. Lines	7,456.24	2.49
Electric Power	18,924.21	6.33
Drill Steel	5,496.75	1.84
Sharpening	2,651.42	.89
Supervision - Supt.	9,000.00	3.01
- Shift Bosses	10,200.00	3.41
Clerk	4,200.00	1.41
M&R Compressor	1,722.73	.58
" Drills	2,622.70	.88
" Locomotives	1,741.05	.58
" Cars & Dumper	1,694.60	.57
" Elec Plant & Trolley	2,273.47	.76
" Edison Mine Lamps	1,719.09	.57
" Mucking Machine	1,865.82	.62
Engineering & Assaying	749.05	.25
Lubrication	142.39	.05
Tools	150.37	.05
Diamond Drilling	2,804.93	.94
Timbering	252.95	.08
Stockpiling ore at Mill	692.67	.23
Total	$ 142,108.14	$ 47.55
Government D.M.E.A. Contract 2991 2,799.5 feet @ 25.15	70,407.43	23.55
	$ 71,700.71	$ 24.00

Does not include Aerial tramway costs of transporting men, material and ore to mill stockpile (approx. $9,660.)
Depreciation of equipment is not included

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

224 New Customhouse
Denver 2, Colorado

June 16, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan 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 pertaining to work under the subject contract for the month of May 1954.

W. H. King

Enclosures

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

Administrative Audit Difference Statement

Date: June 14, 1954
Payee's
Reference: Progress Report

May, 1954

Shenandoah Dives Co.,
Silverton, Colo
Idm-E558

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

50% of	Amount Claimed	$ 6,010.85
	Difference	$ 500.00
	Amount Approved	$ 5,510.85

The reason for the difference was due to:

$500 being withheld from payment pending decision by the company officials as to the continuation of the project.

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
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.

224 New Customhouse
Denver 2, Colorado

June 11, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado. Operator's Monthly Progress Report for the month of May 1954.

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 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

An amount of $500.00 is to be withheld from payment pending decision by the company officials as to the continuation of the project work.

Remarks:

Date of Report	June 1, 1954
Date Received in Field Office	June 3, 1954
Date Received in Region Office	June 10, 1954

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
June 10, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 2991, Contract Idm-E558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for May 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, progress map, daily assay record--and the original and six copies of W. L. Dare's memorandum covering his inspection of underground progress and checking of the reporting forms. The contract is unit cost on short form MF-200(A) and no documentation is required.

Dare verified on an inspection made June 2, the 239 feet of advance east on the Letter "G" vein reported in the narrative, shown on the progress map, and entered on the MF-104A forms. This conforms with the terms of the contract and Amendment No. 1, and completes 2,799.5 feet of crosscutting and drifting leaving only 200.5 feet allowable under the contract. Entries and extensions on the reporting forms were found correct. The inspecting engineer describes in detail the present status of project work, and under the circumstances, it would appear advisable to obtain from the operator a statement regarding the future plans and a request for a recess if one is desired.

Payment is approved and certified on the MF-104 forms of $6,010.85, or 50 percent of the total $12,021.70 claimed by the contractor.

It is recommended that sufficient funds be withheld from this payment to protect the Government's interest until the contractor and DMEA Operating Committee reach a decision regarding completion of contract work.

W. M. Traver

W. M. Traver

enclosure

WMT/kp

cc 4, E558, Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 9, 1954

Memorandum

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

From: W. L. Dare

Subject: DMEA 2991, Contract Ida-E558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for May 1954

Project drifting along the Letter "G" vein ceased on May 29, 1954. Acting on instructions from the company Board of Directors in Kansas City, Missouri, E. A. Larson, Resident Manager, closed down all operations until further notice. It is presumed that this decision is one of finances hinging directly on the discouraging overall results encountered in drifting to date. Approximately 1,040 feet of drifting along the Letter "G" vein has shown that at this depth the vein so far has been very wide but low-grade. The chances of finding higher grade ore bodies above are considered very good.

The property was visited on June 2, 1954, and underground progress checked with Marshal Fletcher, shifter, now acting watchman at the mine. Progress in May, east along the vein is as reported, 239 feet.

The east drift encountered the hanging wall of the vein and followed it for approximately the last 108 feet. No greater concentration of ore mineralization was seen along the hanging wall, although there appeared a heavier concentration of pyrite. The attached sample assay report verifies the low-grade ore mineralization encountered in May.

Holmgren, mine superintendent, in an unsuccessful attempt to locate higher grade mineralization within the fault zone, diamond drilled one 61.5-foot hole to the north, and one 63-foot hole to the south; their locations are shown on the attached progress map. Assays of the mineralized section of core from the north hole are shown in the sample assay report. Diamond drilling was completed at company expense.

To date, 2,799.5 feet of crosscutting and drifting has been accomplished under the program. Remaining contract work equals 200.5 feet of drifting and 500 feet of raising. If the project is continued, consideration should be given to the location of the proposed raise. The original program provided that the 500-feet raise hole through to the Unity level. Approximately 300 feet of drifting will have to be accomplished west along the vein to reach the nearest point beneath the Unity level and only 200.5 feet of contract drifting remains. If the raise is started at any other point along the existing drift, 1,200 feet or more of raise will be required to reach the above old workings. As an important function of the raise is to provide ventilation for all future exploration and development, its location with respect to the above workings is important. The operator to date has not voiced any definite proposals regarding the raise.

As the principal question at the present time is the continuation of the project, Larson was requested to write the Executive Officer, Region IV, and inform him of current conditions and possible recess. If Larson has not already done so, it may be well for the Executive Officer to request Larson to keep DMEA informed of any developments, and when and if project resumption is assured, to submit a proposal for the raise location as soon as possible.

To date, 3,167 tons of ore have been stockpiled at the mill as a result of the exploration work.

Approval is given to the 239 feet of advance claimed. Payment to the operator is recommended as $6,010.85, which is 50 percent of the allowable $12,021.70 claimed. Deferment of this payment is left to the consideration of the Executive Officer, Region IV.

R. R. McLeelan
for

W. L. Dare
Mining Engineer

WLD/kp

cc /6
E558
Charon

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
June 1st, 1954

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado

RE: DMEA 2991
IDM-E 558
May 1954

Dear Sir:

Enclosed please find five copies of our May report as follows:

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly report & Voucher, form No. M.F. 104
Claim & Project map showing May advance in red and prior work (July-April) in green.
Daily Mine sample record.

Performance for the month of May:-

239 ft. of drifting; 22½ days; 10.6 ft. per day.
124.5 ft of Diamond drilling, 2½ days.
295 tons of ore stockpiled at mill.
900 tons of waste dumped at Base Level portal.

The last one hundred feet of drifting was on good vein structure, showing quartz and heavy iron, and on proper dip and strike of the letter "G" vein.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Resident Manager

EAL:L
cc: BFS-Denver
K.C.Office

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, Colorado
Contract Amount, $211,900.00 Government Participation: 50 % Amount, $ 105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Expense~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting)						
Drifting)(	12,021.70	128,793.15	140,814.85			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	12,021.70	128,793.15	140,814.85	12,021.70	128,793.15	140,814.85

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

Date June 1, 1954 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Resident Manager

*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:

$ 5510.85

Signature [signature]
(Authorized Certifying Officer)

Date 6/14/54 Vou. No. DMA 54-134

(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-6558 in accordance with the terms of the contract.

Signature [illegible] $6,010.85 [illegible] Title [illegible] Date 6-8-54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W H King Title Executive Officer Date JUN 11 1954

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-R1151.1
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 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, 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	12,021.70	239	140,814.85	2799.5	50.30	3000	50.30
Crosscutting)								
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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 June 1, 1954 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Resident Manager

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

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE May 1954

SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
			$35.	.90	12¢	29¢	9¢		
1446	259 E. Drift	8.5'	.07	.3	.3	.15	.7	5.57	3.34
1447	264 E. Test Hole 8 feet Footwall		Tr.	.1	.1	-	.15	.60	.36
1448	270 E. Drift	8.5'	.01	.1	.3	.15	.1	2.21	1.33
1451	280 E. Drift	8.5'	.01	.2	.2	.1	.2	1.95	1.17
1452	292 E. Drift	8.5'	.01	.1	.1	.1	.1	1.44	.86
1453	303 E. Drift	8.5'	.04	.1	.1	.1	-	2.31	1.39
1454	313 E. Drift	8.5'	Tr.	.1	.1	-	.1	.51	.31
	316 E. Dia. Drill Hole # 294								
1551	0 - 5 ft. Left Side		.01	.2	.1	.1	.1	1.53	.92
1552	5 - 10 ft. " "		.01	.4	.2	.6	.1	4.85	2.91
1553	10 - 15 ft. " "		.07	.2	.1	.3	.2	4.97	2.98
	(Dia.Drill samples average 11.3 Iron)								
1455	329 E. Drift	8.5'	.01	.2	.1	.1	.1	1.53	.92
1456	340 E. Drift	8.5'	.01	.2	.1	.15	.1	1.82	1.09
1457	350 E. Drift	8.5'	.01	.3	.1	.1	.1	1.62	.97
1458	360 E. Drift	8.5'	.02	.5	.1	.15	.1	2.44	1.46
1459	370 E. Drift	8.5'	.01	.3	.1	.20	.1	2.20	1.32
1460	381 E. Drift	8.5'	.01	.2	.1	.10	.1	1.53	.92

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE May 1954

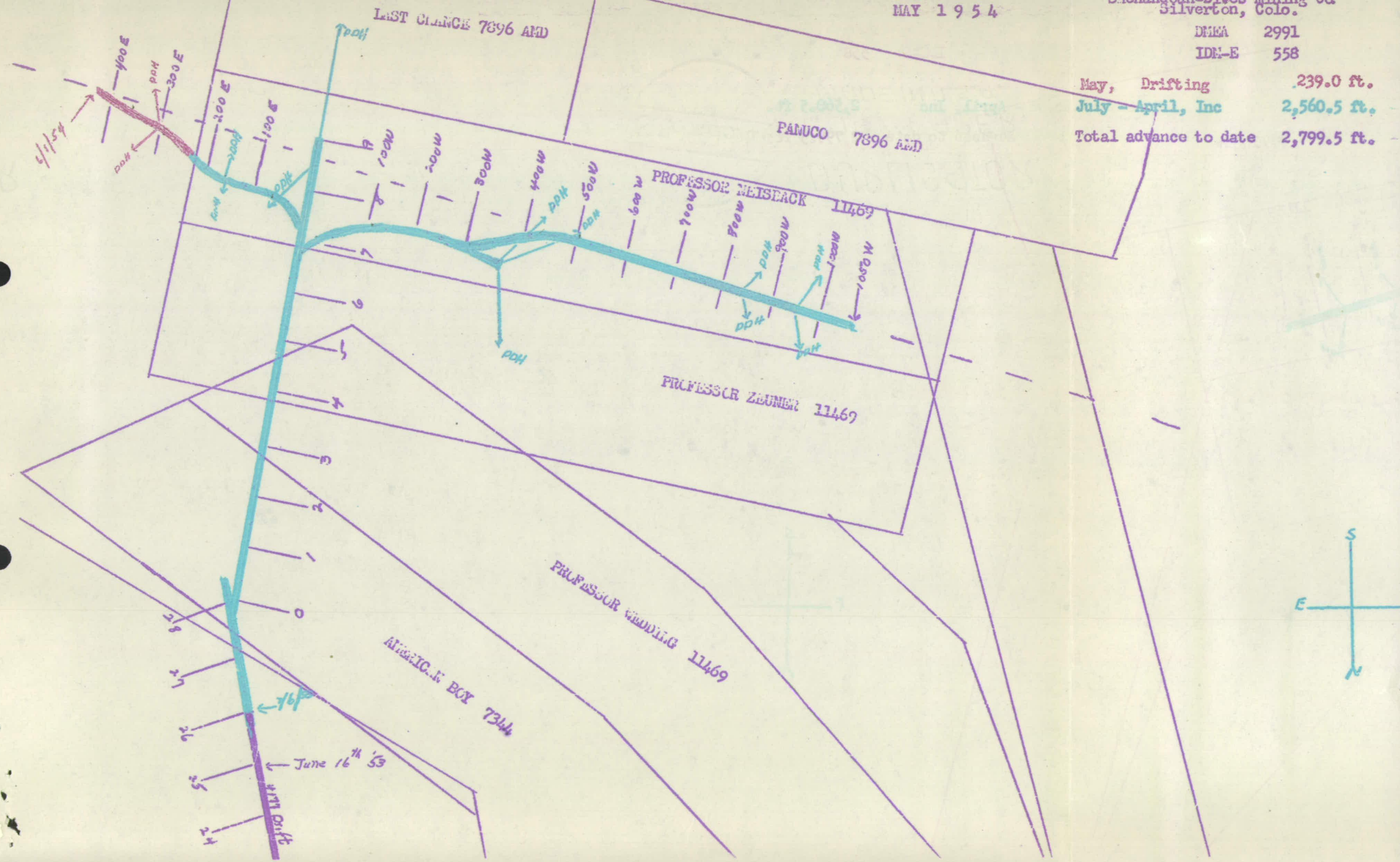
SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
			$35.	.90	12¢	29¢	9¢		
1461	396 E. Drift	8.5	.01	.3	.1	.1	.1	$ 1.62	$ .97
1462	408 E. Drift	8.5	.01	.2	.1	.25	.1	2.40	1.44
1463	418 E. Drift	8.5	.01	.4	.1	.20	.6	3.19	1.91
1464	429 E. Drift	8.5	.01	.1	.1	.10	.1	1.53	.92
1465	440 E. Drift	8.5	.01	.4	.1	.20	-	2.11	1.27
1466	452 E. Drift	8.5	.01	.3	.1	.15	.1	1.91	1.15
1467	464 E. Drift	8.5	.01	.4	.2	.20	.1	2.53	1.52
1468	476 E. Drift	8.5	.01	.4	.1	.20	.1	2.29	1.37
1469	481 E. Drift	7.5	.01	.5	.1	.30	.2	3.14	1.88
1450	990 W. Drift .02 Uranium								
1449	167 E. Drift .02 Uranium								

MAY 1954

Shenandoah-Dives Mining Co
Silverton, Colo.

DMEA 2991
IDN-E 558

May,	Drifting	239.0 ft.
July - April,	Inc	2,560.5 ft.
Total advance to date		2,799.5 ft.



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

224 New Customhouse
Denver 2, Colorado

May 21, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company, San Juan 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 pertaining to work under the subject contract for the month of April 1954.

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

May 20, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company, San Juan County, Colorado. Operator's Monthly Progress Report for the month of April 1954.

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 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Operator's Report	May 8, 1954.
Date Report received in Field Office	May 11, 1954.
Date Report received in Region IV Office	May 19, 1954.

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
May 17, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 2991, contract Idm-E558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for April 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, progress map, daily assay record--and the original and six copies of W. L. Dare's memorandum covering his inspection of underground progress and checking of the reporting forms. The contract is unit cost on short form MF-200(A) and no documentation is required.

Dare confirms the 250 feet of drifting advance east on the Letter "G" vein reported in the narrative, shown on the progress map, and entered on the MF-104A forms as allowed by amendment No. 1. The core drilling reported was at the operator's expense. Cross-cutting and drifting to date totals 2,560.5 feet, leaving a balance of 439.5 to complete. This drifting on the vein should be completed in May and June. Consideration should be given now or reasonably soon to location of the 500-foot raise. Dare adequately describes physical conditions experienced in the months operations. The work was in accordance with the terms of the contract and amendment and entries and extensions are correct on the reporting forms.

Payment is approved and certified on the MF-104 form of $6,287.50, or 50 percent of the total $12,575.00 claimed by the contractor.

W. M. Traver

W. M. Traver

Enclosures

cc: 4

WMT/iei

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
May 12, 1954

Memorandum

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

From: W. L. Dare

Subject: DMEA 2991, contract Idm-E558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for April 1954

Progress under the exploration project was inspected with John Holmgren, mine superintendent, on May 5, 1954. Completed drifting in April, east along the Letter "G" vein, totaled 250 feet. Total completed project crosscutting and drifting to date amounts to 2,560.5 feet. The remaining contract footage, 439.5 feet, is expected to be completed in June.

Approximately the first 90 feet of April advance on the vein exposed ore grade mineralization. Along this distance, sampling revealed the average assay to be 0.03 ounce gold, 2.2 ounces silver per ton, 1.3 percent lead, 0.3 percent zinc, and 1.2 percent copper. The rest of the drift encountered only submarginal mineralization.

During April, Holmgren tested the walls at various points along the drift, using both the jumbo heading drills, and a diamond drill. Drilling also encountered only low-grade material, but proved the existence of mineralization over a wide area. This has been the case to date. As of the end of April, approximately 800 feet of drifting accomplished along the Letter "G" vein has established the fact that at least along this distance at this depth, the vein is very wide, but low-grade. It will be interesting to see if the raising will encounter a narrowing of the vein as expected, with a consequent enrichment.

No new ore reserves will be estimated at this time.

Payment to the operator, on the basis of the estimated agreed unit cost of $50.30 per foot of approved advance, is recommended as $6,287.50, which is 50 percent of the $12,575.00 claimed.

W. L. Dare
W. L. Dare
Mining Engineer

cc: 6

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
May 9th, 1954

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado

RE: DMEA 2991
IDM-E 558
April 1954

Dear Sir:

Enclosed please find five copies of our April report as follows:-

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly report & voucher, form No. M.F. 104.
Claim & Project map showing April advance in red and prior work (July-March, Inc.,) in green.
Daily Mine sample record.

Performance for the month of April:-

250 ft. of Drifting; 24 days; 10.4 ft. per day.
99 ft. of Diamond Drilling, 2 days
1177 tons ore stockpiled at Mill
165 tons of waste dumped at Base Level portal

On April 1st we started drifting East from the Crosscut. We had ore on the left or footwall side for the first one hundred feet, then the vein widened out and dropped in grade. Diamond drill results (sample No. 1541) indicated that we should turn to our right to get on the better grade of ore. This was done, but the grade did not improve as we advanced. However the vein has reversed its dip and the right side is now the footwall, and on proper dip to be the letter "G" Vein.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Resident Manager.

EAL:L
cc: BFS-Denver
K.C.Office

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, Colorado
Contract Amount, $ 211,900.00 Government Participation: 50 % Amount, $ 105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	12,575.00	116,218.15	128,793.15			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	12,575.00	116,218.15	128,793.15	12,575.00	116,218.15	128,793.15

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

Date May 8th 1954 Payee Shenandoah-Dives Mining Company

Per [signature] Title Resident Manager

*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:

$ 6287.50

Signature Randel R. Cooper
(Authorized Certifying Officer)

Date 5-21-54 Vou. No. DMA-54-127

(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-6558 in accordance with the terms of the contract.

Signature [illegible] $6,287.50 Title Mining Engineer Date 5-13-54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W H King Title Executive Officer Date MAY 20 1954

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-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, 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	12,575.00	250	128,793.15	2560.5	50.30	3000	50.30
Crosscutting								
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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 May 8th 1954 Operator Shenandoah-Dives Mining Company

Per [signature] Title Resident Manager

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

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE April 1954

Metal Prices $35. .90 12¢ 29¢ 9¢

SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
1285	18 E. Drift 4/5	8.5'	.02	1.7	1.4	.9	.5	$ 11.71	$ 7.03
1286	28 E. Drift 4/6	8.5'	.04	2.3	3.0	1.8	.3	21.65	12.99
1287	38 E. Drift 4/7	8.5'	.03	1.5	2.6	1.1	.5	15.92	9.55
1288	48 E. Drift 4/8	8.5'	.03	1.0	.5	1.0	.2	9.31	5.58
1289	60 E. Drift 4.9	8.5'	.03	1.5	.6	1.2	.2	11.16	6.70
1290	70 E. Drift 4/10	8.5'	.04	3.2	.9	2.2	.1	19.38	11.62
1291	82 E. Drift 4/12	8.5'	.02	.7	.6	.5	.2	6.03	3.62
1292	78 E. Test Hole, 5 ft. left side of drift		.08	1.4	.8	1.2	.2	13.30	7.98
1293	78 E. Test Hole, 6 ft. right side of drift		.02	.4	.1	.5	.2	4.56	2.74
1294	94 E. Drift 4/13	8.5'	.03	5.8	1.0	1.2	.1	15.81	9.49
1295	105 E. Drift 4/14	8.5'	.02	2.3	.7	.9	.2	10.03	6.02
1296	115 E. Drift 4/15	8.5'	.01	.4	.2	.3	.1	3.11	1.87
1297	111 E. Test Hole, 10 ft. left side of drift		.02	.7	1.1	.3	.1	5.89	3.53
1298	111 E. Test Hole, 8 ft. right side of drift		.02	.6	.2	.3	.2	3.92	2.35

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE April 1954

Metal Prices $35. .90 12¢ 29¢ 9¢

SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
1299	126 E. Drift 4/16/54	8.5'	.04	1.0	.5	.6	.2	$ 7.34	$ 4.44
1300	138 E. Drift 4/17/54	8.5'	.01	.8	.7	.6	.1	6.41	3.85
1433	148 E. Drift 4/19/54	8.5'	.02	.7	1.1	.4	.2	6.65	3.99
1434	146 E. Test Hole 7 feet left side		.02	.3	.6	.2	.1	3.75	2.2[illegible]
1435	158 E. Drift 4/20/54	8.5'	.06	.2	.5	.2	.8	6.08	3.65
	165 E. Dia.Drill Hole # 291 40 ft Right Side								
1540	0 to 10'		.01	.8	.4	.08	.1	2.67	1.60
1541	10' to 15'		.03	3.0	1.1	.86	.6	12.46	7.48
1542	15' to 20'		.01	.5	.5	.08	-	2.46	1.48
1543	20' to 30'		.01	.8	.6	.04	.2	3.10	1.86
1544	30' to 40'		tr	.5	.3	.04	-	1.40	.84
1547	0 to 10' (cuttings from DDH)		.16	1.3	.4	.12	.1	8.61	5.17
1548	10' to 20' (cuttings from DDH)		.04	1.7	.7	.64	.3	8.86	5.32
	165 E. Dia.Drill Hole # 290 10 ft left side								
1538	0 to 10'		-	.1	.1	-	.2	.69	.41
1539	Cuttings, 0 to 10'		.01	.2	.1	-	1.4	3.29	1.97
	95 E Dia.Drill Hole # 292 22 ft Right side								
1545	0 to 10'		.01	.2	.1	.1	.4	2.07	1.24
1546	10' to 22'		.01	.1	.2	.1	.5	2.40	1.44
1549	0 to 10' (cuttings)		.01	.2	.1	.1	.2	2.23	1.34
1550	10' to 22' (cuttings)		.03	.3	.3	.1	.6	3.70	2.22

SHENANDOAH-DIVES MINING COMPANY

MINE DAILY ASSAY REPORT

DATE April 1954

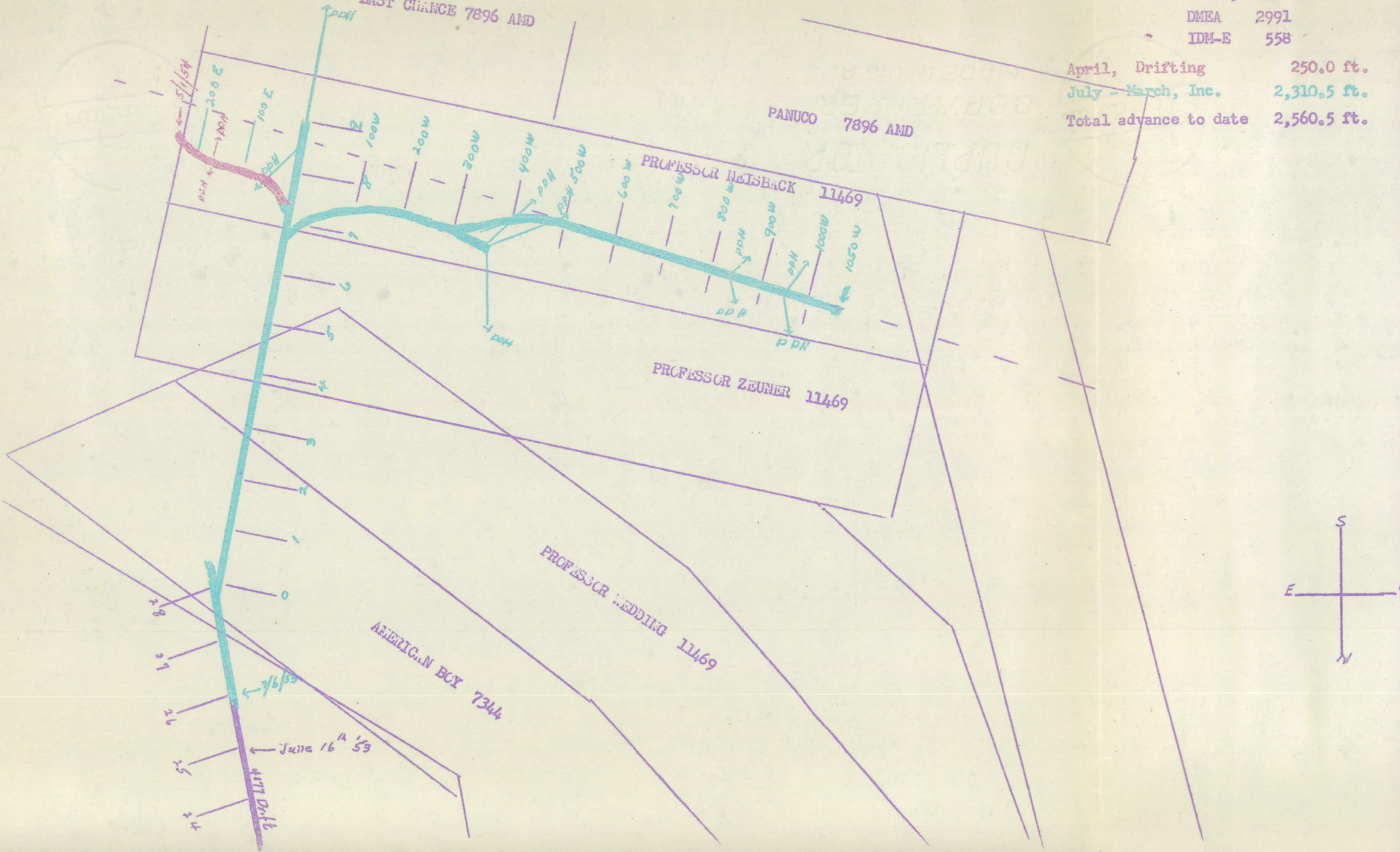
SAMPLE NO.	SOURCE OR DESCRIPTION OF SAMPLE	Thickness or Tonnage Represented	GOLD OZ.	SILVER OZ.	LEAD %	COPPER %	ZINC %	GROSS VALUE PER TON	NET SMELTER VALUE PER TON
			$35.	.90	12¢	29¢	9¢		
1436	167 E. Drift 4/23/54	8.5	.03	.7	1.6	.3	.3	7.80	4.68
1437	174 E. Drift 4/24/54	8.5	.12	.4	.2	.2	.4	6.92	4.15
1438	185 E. Drift 4/26/54	8.5	.02	.6	.1	-	.3	2.02	1.21
1439	196 E. Drift 4/27/54	8.5	.01	.1	.1	-	.2	1.04	.62
1440	208 E. Drift 4/28/54	9.0	.08	.3	.2	.15	.1	4.60	2.76
1441	204 E. Test Hole	8.0	Tr.	.1	.1	-	.1	.51	.31
1442	220 E. Drift 4/29/54	8.5	.01	.4	.1	.3	.7	3.95	2.37
1443	231 E. Drift 4/30/54	8.5	.01	.2	.2	.1	.1	1.77	1.06
1541	Dia. Drill Hole # 291 10' to 15'								
	Vanadium .05								
	Uranium .01								
	Molybdenum .08								
	Manganese 2.4								
1444	242 E. Drift 5/1/54	8.5	.04	.2	.5	.1	.2	3.72	2.23
1445	247 E. Drift 5/3/54	8.5	.02	1.0	1.3	.2	.3	6.42	3.85

APRIL 1954

Shenandoah-Dives Mining Company
Silverton, Colorado

DMEA 2991
IDM-E 558

April, Drifting	250.0 ft.
July - March, Inc.	2,310.5 ft.
Total advance to date	2,560.5 ft.



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

Arnwald
Betty

224 New Customhouse
Denver 2, Colorado

April 22, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan 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 pertaining to work under the subject contract for the month of March 1954.

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

April 16, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado - Operator's Monthly Progress Report for the period March 1954.

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 per cent 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	April 8, 1954.
Date Received in Field Office	April 12, 1954.
Date Received in Region Office	April 15, 1954.

John F. Shaw
For W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 14, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 2991, Contract Idm-2558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for March 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, progress map, sampling data--and the original and six copies of W. L. Dare's memorandum covering his inspection of underground drifting progress and checking of the reporting forms. The contract is a unit-cost one on short form MF-200(A), and documentation is not required.

Dare verifies the 273 feet of drifting advance on the Letter "G" vein reported in the narrative, shown on the progress map, and entered on the MF-104A forms. Core drilling was at the contractor's expense. Crosscutting and drifting to date under the contract total 2,310.5 feet leaving 689.5 feet to complete. Work performance was in accordance with the terms of the contract. Only submarginal ore was exposed in the drifting for the month so there is no addition to ore estimates. Entries and extensions on the reporting forms are correct.

Payment is approved and certified on the MF-104 forms of $6,865.95, or 50 percent of the total $13,731.90 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosure

WMT/kp

cc: 4
2558
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 13, 1954

Memorandum

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

From: W. L. Dare

Subject: DMEA 2991, Contract Idm-2558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for March 1954

The Shenandoah-Dives Mining Company property was visited on April 8, 1954. Underground exploration progress was checked with John Holmgren, mine superintendent, and verified correct as reported. Total March advance along the Letter "G" vein was 273 feet. Total crosscutting and drifting completed under the project to date amounts to 2,310.5 feet. Remaining contract footage is 689.5 feet.

Drifting during the period encountered no ore. Mineralization has been submarginal, sample assays decreasing in value with advance. During the latter part of the month the vein followed proved barren, containing large amounts of gouge material. Holmgren diamond drilled 4 holes exploring for possible parallel veins, but was unsuccessful. The hole locations are shown on the attached sketch, and core assay results are listed in the sample assay record.

Because of the submarginal material encountered during March, the operator on March 31, 1954, requested an amendment to the contract to continue program drifting on the vein east of the crosscut. To preclude suspension of operations, oral approval was given to the request by the Executive Officer, Region IV, effective April 1, 1954. As of the date of the inspection, the turn from the crosscut, intersecting the vein, had been completed.

No new ore reserves were opened up during March.

Monthly totals and extensions are correctly shown on both reporting forms. Payment to the operator, on the basis of claimed footage approved and the agreed estimated unit cost of $50.30 per foot of advance, is recommended as $6,865.95, which is 50 percent of the $13,731.90 claimed.

W. L. Dare
W. L. Dare
Mining Engineer

WLD/kp

cc: 6, 2558, Caron

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
April 8th, 1954

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Feder Center,
Denver, Colorado

RE: DMEA 2991
IDM-E 558
March 1954

Dear Sir:

Enclosed please find five copies of our March report as follows:-

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly Report & Voucher, Form No. M.F. 104
Claim & Project map showing March advance in red and prior work (July-Feb., Inc.) in green.
Drift sample record.

Performance for the month of March:-

273 ft. of Drifting, averaging 13.0 ft. per day for 21 days.
220 ft. of Diamond Drilling, requiring 6 days.
295 tons of ore stock piled at the mill.
1105 tons of waste dumped at Base level portal.

The sample record for the month is disappointing, values decreasing as we advanced. Diamond drilling into both walls at co-or. 840 W. & 950 W. indicates that we are still on the vein.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson

E. A. Larson, Resident Manager

EAL:L
CC: BFS-Denver
K.C.Office

(04 (Rev.)
(Ap 52)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, Colorado
Contract Amount, $211,900.00 Government Participation: 50 % Amount, $105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting / Drifting	13,731.90	102,486.25	116,218.15			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	13,731.90	102,486.25	116,218.15	13,731.90	102,486.25	116,218.15

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 8, 1954 *Payee Shenandoah-Dives Mining Company
Per [signature] Title Resident Manager

*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:
$ 6865.95

Signature [signature]
(Authorized Certifying Officer)
Date 4/19/54 Vou. No. DMA 54-110
(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. Tbm-E558 in accordance with the terms of the contract.

Signature W. Dare $6,865.95 Title Mining Engineer Date 4-13-54

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

Signature John F. Shaw for W. H. King Title Executive Officer Date APR 16 1954

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

F-104A
(1952)

Budget Bureau No. 42-R1451.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, 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	13,731.90	273	116,218.15	2310.5	50.30	3000	50.30
Crosscutting)								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date April 8th 1954 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Resident Manager

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

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

DRIFT SAMPLES FOR THE MONTH OF MARCH 1954

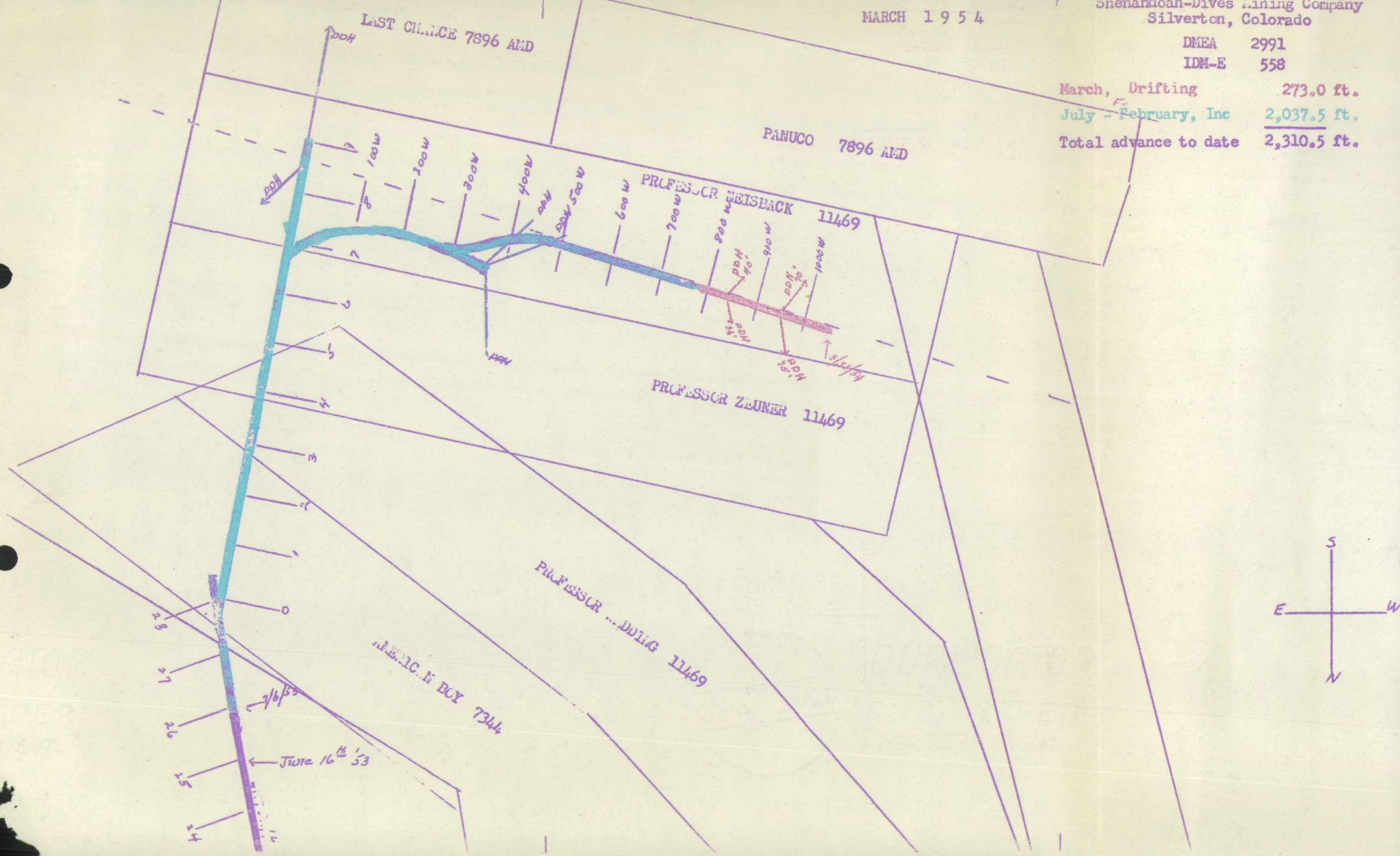
				Au.	Ag	Pb	Cu	Zn			
			Metal Prices	$35.00	$ .90	$ .12	$ .29	$ .09			
Date	Sample No.		Width Ft.	Au Oz.	Ag Oz.	Pb %	Cu %	Zn %	Value Gross	Value Net-60%	
3/2/54	1262	Test hole	7.0	.01	.4	.2	.3	.2	$ 3.29	$ 1.97	
3/2/54	1263	789 W. Drift	9.0	.01	.6	.1	.4	.1	3.63	2.18	
3/3/54	1264	802 W. Drift	9.0	.01	.2	.4	.2	1.8	5.89	3.53	
3/4/54	1265	815 W. Drift	8.5	.02	.4	.4	.3	.2	4.12	2.47	
3/5/54	1266	828 W. Drift	8.5	.01	1.6	.2	1.9	.1	13.47	8.08	
3/6/54	1267	840 W. Drift	9.0	-	.1	.2	-	-	.57	.34	
3/8/54	1428	840 DDH 0-6'		.01	.6	.2	.4	.1	3.87	2.32	Avg $2.34
3/9/54	1429	840 DDH 6-12'		.03	.3	.1	.4	.1	4.06	2.44	
3/10/54	1268	852 W. Drift	8.0	.01	.2	.1	.1	.1	1.53	.92	
3/11/54	1269	865 W. Drift	8.5	-	.1	.1	-	.1	.60	.36	
3/12/54	1270	878 W. Drift	9.0	.01	.3	.1	.3	.1	2.78	1.67	
3/13/54	1271	891 W. Drift	9.0	.01	.3	.2	.2	.1	2.44	1.46	
3/15/54	1272	904 W. Drift	8.5	-	.1	.1	.2	.1	1.67	1.00	
3/16/54	1273	910 W. Drift	8.5	-	-	.1	.1	.1	1.00	.60	
3/17/54	1274	923 W. Drift	9.0	.01	.1	-	.1	-	1.02	.61	
3/18/54	1275	938 W. Drift	8.5	.01	.7	2.6	.1	.1	7.98	4.79	
3/19/54	1276	950 W. Drift	10.0	.01	.4	.1	-	-	.95	.57	
3/22/54	1430	950 DDH 0-6'		.02	.7	.1	.5	.1	4.65	2.79	$1.18
	1431	950 DDH 6-12'		.01	.2	-	.1	.1	1.29	.77	
	1432	950 DDH 12-16'		.02	.5	-	.1	.1	1.91	1.15	
3/24/54	1277	956 W. Drift	9.0	.02	.2	.1	.1	.1	1.88	1.13	
3/25/54	1278	970 W. Drift	8.5	.01	.1	-	-	-	.44	.26	
3/26/54	1279	983 W. Drift	8.5	-	.1	-	-	-	.09	.05	
3/27/54	1280	998 W. Drift	8.5	.02	.2	.1	-	-	.77	.46	
3/29/54	1281	1010 W. Drift	8.5	.01	.1	.1	-	.1	.77	.46	
3/30/54	1282	1023 W. Drift	9.0	-	-	.1	-	.1	.35	.21	$.36
3/31/54	1283	1036 W. Drift	8.5	-	-	-	-	-	-	-	
4/1/54	1284	1050 W. Drift	8.5	.01	.1	.1	-	-	.68	.41	

MARCH 1954

Shenandoah-Dives Mining Company
Silverton, Colorado

DMEA 2991
IDM-E 558

March, Drifting	273.0 ft.
July - February, Inc	2,037.5 ft.
Total advance to date	2,310.5 ft.



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

Arnoldd
Betty

224 New Customhouse
Denver 2, Colorado

March 25, 1954

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-P558, Shenandoah-Dives Mining Company (Silver Lake Group - Letter "G" Vein), San Juan 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 pertaining to work under the subject contract for the month of February 1954.

John F. Shaw
John F. Shaw
For W. L. King

Inclosures

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

224 New Customhouse
Denver 2, Colorado

March 12, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake Group - Letter "G" Vein), San Juan County, Colorado. Operator's Monthly Progress Report for the period February 1954.

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 4, 1954.
Date Received in Field Office	March 8, 1954.
Date Received in Region Office	March 12, 1954.

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
March 10, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, RegionIV

Subject: DMEA 2991, Contract Idm-E558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for February 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, progress map, sampling data--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground drifting progress and the reporting forms. The contract is unit cost on short form MF-200(A), and documentation is not required.

Dare confirms the 292 feet advance of drifting along the Letter "G" vein reported in the narrative and entered on the MF-104 forms. Entries and extensions on the reporting forms are correct, and the contractor's narrative is adequate. Work was performed satisfactorily and in conformance with the terms of the contract. The inspecting engineer describes the month's work and makes an estimate of grade and tonnage of reserves presently developed by the exploration. There remains 962.5 feet of drifting to complete.

Payment is recommended and certified on the MF-104 forms of $7,343.80, or 50 percent of the total $14,687.60 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 4
E558
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 9, 1954

Memorandum

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

From: W. L. Dare

Subject: IMEA 2991, Contract Idm-2558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado--Progress report for February 1954

Underground exploration progress for February 1954 was inspected with John Holmgren, mine superintendent, on March 3, 1954, and verified correct as reported. The operator completed 292 feet of drifting during this period, all along the Letter "G" vein.

Completed drifting within the dike, as of the date of the inspection, has not been along one continuous vein, but rather has encountered and followed a number of small veins occupying fractures within the dike. These veins appear irregular in length and strike, and some seem to form diagonal links between the walls of the dike. Because the drift is to be a major haulageway, Holmgren has not changed its course too radically to follow the individual veins. The dike is believed to be as wide as 25 feet, and to completely explore its width, Holmgren contemplates core drilling into both walls of the drift at regular intervals.

Results of sampling completed in February is attached to the progress report. As of February 28, 27 samples taken along a distance of 317 feet show the average assay of material encountered to be 0.01 ounce gold, 1.4 ounces silver per ton, 2.0 percent lead, 0.2 percent zinc, and 0.4 percent copper. The gross value of all sampling based on present metal prices is $9.09. The operator has shown gross and net values of sampling for blocks of 100 feet.

Your attention is called to the sample widths. In a majority of the cases, Holmgren sampled the entire width of the breast, a practice of company production sampling. The low zinc content should also be noted.

The face at the time of the inspection was directly beneath the Silver Lake crosscut, consequently 1,200 feet of back remains

above the vein explored through this period. However, tentative indicated ore reserves opened up to date will be based on a height, both below and above the drift, equal to one-half the length of the vein explored. Indicated reserves are estimated as 67,000 tons with an average grade of 0.01 ounce gold, 1.4 ounces silver, 2.0 percent lead, 0.2 percent zinc, and 0.4 percent copper. Tentative inferred reserves of the same grade above the drift are estimated at 33,500 tons.

Completed drifting and crosscutting through February, amounts to 2,037.5 feet. Remaining contract footage is 962.5 feet.

Monthly totals and extensions on both reporting forms are correctly shown. Payment to the operator, based upon the estimated agreed unit cost of $50.30 per foot of advance, is recommended as $7,343.80, or 50 percent of the $14,687.60 claimed.

W. L. Dare
Mining Engineer

WLD/kp

cc 6
E558
Chron

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

March 4th, 1954

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado

RE: DMEA 2991
IDM-E 558
Feb. 1954

Dear Sir:

Enclosed please find five copies of our February report as follows:-

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly Report & Voucher, Form No. M.F. 104
Claim & Project map showing February advance in red and prior work (July-Jan., Inc.) in green.
Drift sample record.

The drift advanced 292 feet, averaging 12.17 ft. per day for the 24 operating days. 60 tons of waste disposed of at Base Level portal. 1400 tons of ore, crushed at the mine, transported over Aerial Tramway and stockpiled by truck at the Mill. The trucking cost of stockpiling for February was $364.00 or 26¢ per ton.

The sample record shows improvement as we advance. The Net value of the 500 block averaging $3.01; the 600 block, $6.91; and 77 feet in the 700 block, $7.44.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Resident Manager

EAL:L
Enc's
cc: K.C.Office

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 195 4 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, 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	14,687.60	292	102,486.25	2037.5	50.30	3000	50.30
Crosscutting)								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date March 4th 1954 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Res. Manager

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

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 February, 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, Colorado
Contract Amount, $211,900.00 Government Participation: 50 % Amount, $105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting / Drifting	14,687.60	87,798.65	102,486.25			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	14,687.60	87,798.65	102,486.25	14,687.60	87,798.65	102,486.25

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

Date Mar. 4th, 1954 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Res. Manager

*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:

$7343.80

Signature [signature]
(Authorized Certifying Officer)

Date 3/19/54 Vou. No. DMEA 54-91

(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-558 in accordance with the terms of the contract.

Signature W. Dare $7,343.80 Title Mining Engineer Date 2-9-54

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

Signature W. H. Kemp Title Executive Officer Date MAR 12 1954

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

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

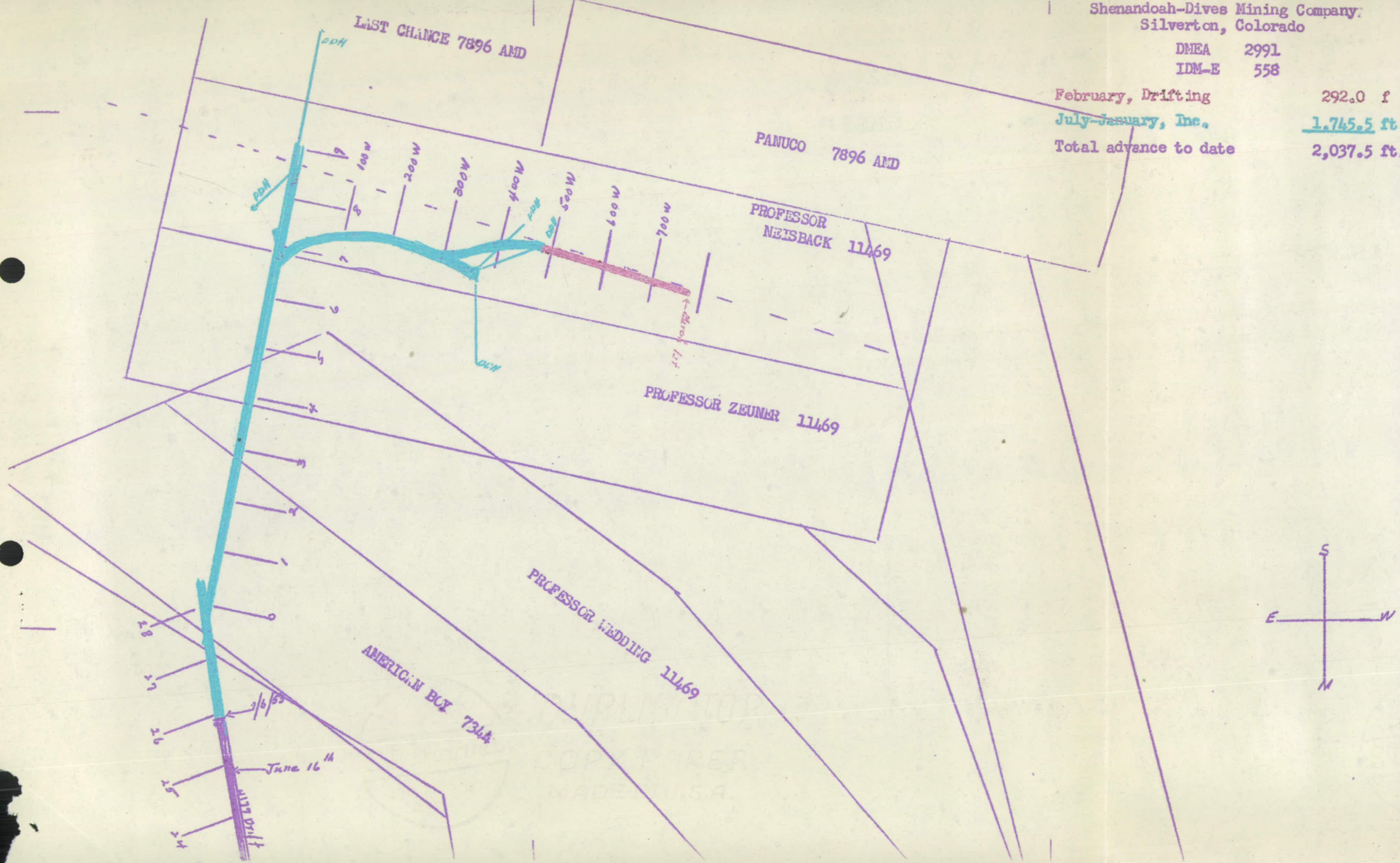
DRIFT SAMPLES FOR THE MONTH OF FEBRUARY 1954

				Au	Ag	Pb	Cu	Zn		
		Metal Prices		$35.00	$ .90	$ .12	$ .29	$ .09		
Date	Sample No.		Width Ft.	Au Oz.	Ag Oz	Pb %	Cu %	Zn %	Value Gross	Value Net-60%
2/2/54	1096	495 W drift	9.0	.01	1.5	.7	.04	.1	$ 3.79	$ 2.27
2/3/54	1097	507 W drift	9.0	.01	1.8	.9	.14	-	4.94	2.96
2/4/54	1098	520 W drift	8.0	Tr.	.5	.2	.02	.1	1.23	.74
2/5/54	1099	531 W drift	8.0	Tr.	.7	.4	.04	-	1.82	1.09
2/6/54	1100	542 W drift	8.0	.01	.9	.6	.04	-	2.83	1.70
2/8/54	1240	554 W drift	8.5	.01	1.2	1.4	.08	-	5.25	3.15
2/9/54	1241	563 W Drift	8.5	.01	1.8	1.1	.32	.1	6.65	3.99
2/10/54	1242	575 W Drift	8.5	.01	1.6	3.1	.18	.2	10.63	6.38
2/11/54	1243	589 W Drift	8.5	.01	1.3	1.3	.38	-	6.84	4.10
2/12/54	1244	601 W Drift	9.0	.02	1.8	2.2	.56	-	10.85	6.51
2/13/54	1245	614 W.Drift	5.0	.01	1.5	3.0	.20	.3	10.60	6.36
2/15/54	1246	626 W Drift	5.5	.02	2.0	6.5	.16	.2	19.39	11.63
2/16/54	1247	638 W Drift	9.0	.01	1.7	4.6	.68	.3	17.40	10.44
2/17/54	1249	651 W Drift	9.0	.01	1.3	2.2	1.04	.1	13.01	7.81
2/18/54	1250	665 W Drift	8.0	.01	1.5	1.0	.86	.6	10.17	6.10
2/19/54	1251	678 W Drift	8.0	Tr	.2	.3	.22	-	2.18	1.31
2/20/54	1254	691 W Drift	9.0	.01	1.2	2.2	.32	-	8.57	5.14
2/22/54	1255	701 W Drift	9.0	.01	2.0	3.8	.70	.10	15.51	9.31
2/23/54	1256	712 W Drift	8.5	.01	.9	2.0	.12	-	6.66	4.00
2/24/54	1257	725 W Drift	8.5	.02	2.2	6.8	.44	.50	22.45	13.47
2/25/54	1258	739 W Drift	8.5	.01	1.5	1.5	1.45	.20	14.07	8.44
2/26/54	1259	753 W. Drift	8.5	Tr.	.4	.4	.10	-	1.90	1.14
2/27/54	1260	765 W Drift	8.0	.01	1.4	1.9	.90	.10	11.57	6.94
3/1/54	1261	777 W Drift	8.0	.01	1.2	2.2	1.35	.10	14.72	8.83

Shenandoah-Dives Mining Company
Silverton, Colorado

DMEA 2991
IDM-E 558

February, Drifting	292.0 f
July-January, Inc.	1,745.5 ft.
Total advance to date	2,037.5 ft.



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

224 New Customhouse
Denver 2, Colorado

February 17, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-2991 (Lead-Zinc-Copper), Contract No. Idm-E558, Shenandoah-Dives Mining Company, Silver Lake Group, Letter "G" Vein, San Juan 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 pertaining to work under the subject contract for the month of January 1954.

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

February 12, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991, Contract Idm-E558 (Lead-Zinc-Copper), Shenandoah-Dives Mining Company, Silver Lake Group, Letter "G" Vein, San Juan County, Colorado - Operator's Monthly Progress Report for the month of January 1954.

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 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Operator's Report	February 5, 1954.
Date Report received in Field Office	February 8, 1954.
Date Report received in Region IV Office	February 10, 1954.

W. H. King

Enclosures

JWT: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
February 10, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 2991, contract Idm-8558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado - Progress report for January 1954

Please find enclosed the original and four copies of the above progress report -- forms MF-104 and MF-104A, with narrative, sampling data, sketch progress map -- and the original and six copies of W. L. Dare's memorandum covering inspection of the work performed and the accounting forms. The contract is unit cost on short form MP-200(A) and documentation is not required.

Dare found the drifting advance for this reporting period of 175.0 feet correct, making a total advance to date of 1,745.5 feet. Both footages are reported correctly in the narrative and on the MF-104A form. The contractor is now back on the projected Letter "G" vein and there is sufficient drifting footage left to assure completion to the proposed raise. Work has been done satisfactorily and in accordance with the terms of the contract. Entries and extensions on the reporting forms are correct.

Payment is approved and certified on the MF-104 form of $4,401.25 or 50 percent of the total $8,802.50 claimed by the contractor.

W. M. Traver

W. M. Traver

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 9, 1954

Memorandum

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

From: W. L. Dare

Subject: DMEA 2991, contract Idm-8558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado - Progress report for January 1954

Underground exploration progress for January 1954 was checked with John Holmgren, mine superintendent, on February 3, 1954. Total reported drift advance of 175 feet was verified correct by the inspection. As shown on the operator's attached sketch, this advance was completed in the branch heading, west of the main crosscut, encountering the vein on January 28.

The assay results of three samples taken over a distance of 25 feet along the vein are also attached. Holmgren will sample the breast each day or, since they are employing two shifts, the breast will be sampled every other round. Sample intervals are considered adequate. The co-ordinate system used for sample locations is based upon perpendicular distances northwest of the centerline of the main crosscut.

Drilling completed during the first half of January was discussed in the inspecting engineer's memorandum accompanying the December progress report.

Completed project drifting as of January 31, 1954, totals 1,745.5 feet. Remaining allowable footage is 1,254.5 feet. This distance is adequate to reach the point where the raise is to be driven.

The contract is a short form unit-cost type providing Government participation on the basis of the agreed estimated unit cost of $50.30 per foot of advance. Payment to the operator is recommended as $4,401.25, which is 50 percent of the allowable $8,802.50 claimed.

W. L. Dare

W. L. Dare
Mining Engineer

FEB 10 1954

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

Feb. 5th, 1954

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado.

RE: DMEA 2991
IDM-E 558
Jan. 1954

Dear Sir:

Enclosed please find five copies of our January report as follows:-

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly Report & Voucher, Form No. M.F. 104
Claim & Project map showing January advance in red and prior work (July-Dec.) in green.
Drift sample record.

Performance for the month of January:-

175 feet of Drifting;
427 feet of Diamond Drilling;
865 tons of waste removed;
100 tons of ore in crusher bin.

Four diamond drill holes were driven the first part of the month. A sketch and sampling record of the diamond drilling was mailed to you on Jan. 16th. Since that time the drift was advanced Southwest and reached the vein on Jan. 28th. Samples are taken across the drift face daily. The accompanying sample record gives the results of 25 feet of vein opened in January.

At the present time the ore from the drift is being crushed at the Mine, transported over our aerial tramway and stockpiled by truck at the mill.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Resident Manager

EAL:L
Enc's

Form MF-504 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

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

FEB 19 1954

Month of January, 1954 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead, Zinc, Copper
Address Silverton, Colorado
Contract Amount, $211,900.00 Government Participation: 50 % Amount, $105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	8,802.50	78,996.15	87,798.65			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	8,802.50	78,996.15	87,798.65	8,802.50	78,996.15	87,798.65

WRG 2/23/54

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Feb. 5, 1954 *Payee Shenandoah-Dives Mining Company
Per [signature] Title Resident Manager

*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:

$ 4401.25

Signature [signature]
(Authorized Certifying Officer)

Date 2/15/54 Voucher DMA 54-82
(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-E558 in accordance with the terms of the contract.

Signature W. Dare $4,401.25 WWT Title Mining Engineer Date 2-9-54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date FEB 12 1954

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-R1151.1
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 1954 Docket No. DMEA 2991 Contract No. IOM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead, Zinc, Copper
Address Silverton, 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	8,802.50	175	87,798.65	1745.5	50.30	3000	50.30
Crosscutting								
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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 Feb. 5, 1954 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Res. Manager

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.

GPO 83-38475

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado.

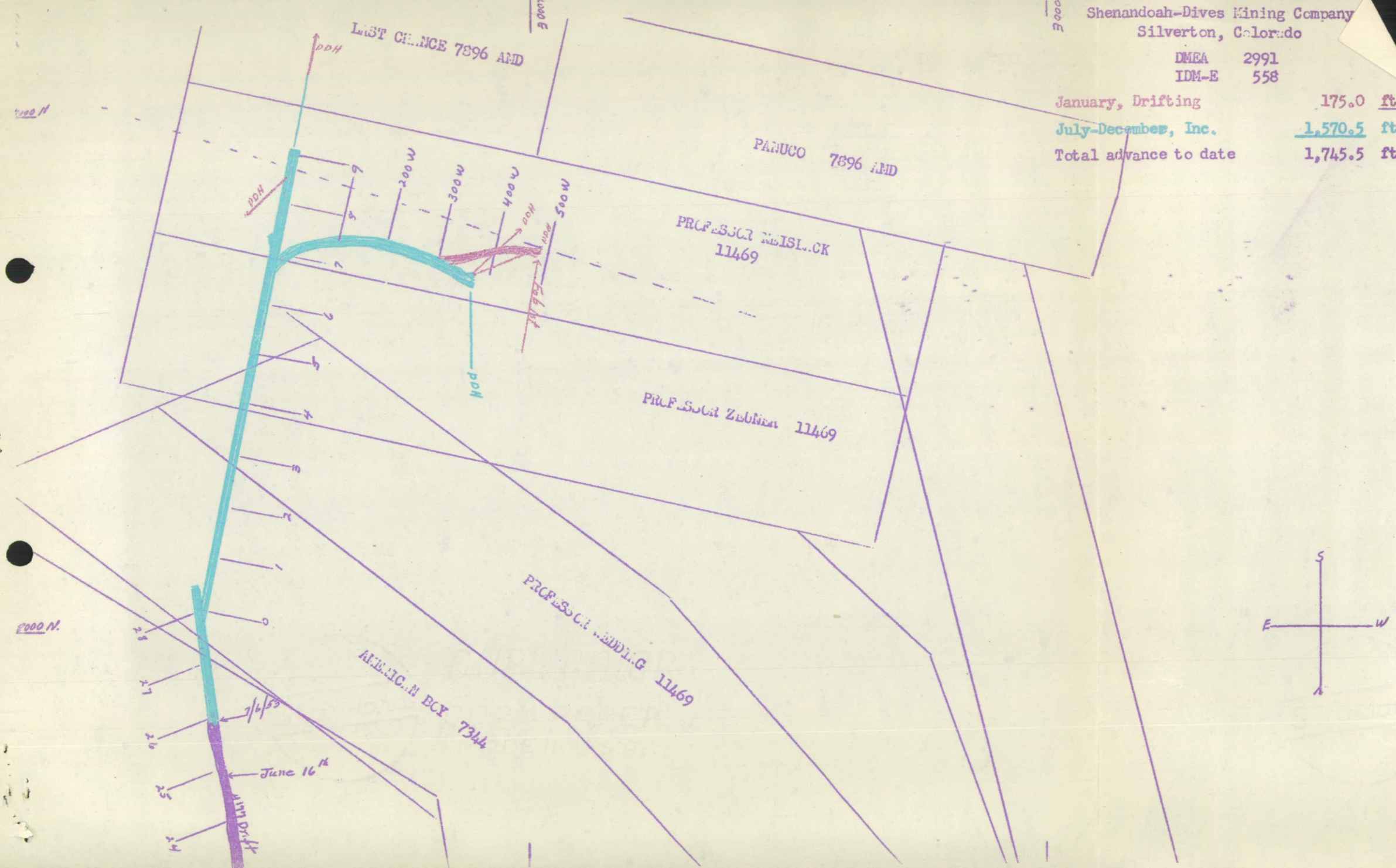
DRIFT SAMPLES FOR THE MONTH OF JANUARY 1954

Metal prices:		
	Au	$35.00
	Ag	.90
	Pb	.13
	Cu	.29
	Zn	.095

Date	Sample No.		Width ft.	Au Oz.	Ag Oz.	Pb %	Cu %	Zn %	Value Gross	Value Net-60%
1/29/54	1093	Co-or 460 W	7.0	.01	1.9	.8	.28	.9	$ 7.47	$4.48
1/30/54	1094	" 472 W	7.0	.01	2.0	1.4	.24	.7	8.51	5.11
2/1/54	1095	" 485 W	8.0	.01	1.7	3.2	.36	.6	13.43	8.06

Shenandoah-Dives Mining Company
Silverton, Colorado

DMEA	2991	
IDM-E	558	
January, Drifting	175.0	ft
July-December, Inc.	1,570.5	ft
Total advance to date	1,745.5	ft



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

224 New Customhouse
Denver 2, Colorado

January 29, 1954.

Betty

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract No. Idm-E558, Shenandoah-Dives Mining Company (Silver Lake Group), Letter G-Vein, San Juan 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 pertaining to work under the subject contract for the month of December 1953.

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

January 25, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake Group), Letter G-Vein, San Juan County, Colorado-Operator's Monthly Progress Report, for the period December, 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---- ---------- --- January 7, 1954
Date Received in Field Office------- January 11, 1954
Date Received in Region Office-- ---- January 20, 1954

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
January 19, 1954

Memorandum

To: Executive Officer, EMRA Field Team, Region IV

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

Subject: EMRA 2991, Contract IDM-E558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group-Letter "G" vein), San Juan County, Colorado -- Progress report for December 1953

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, drifting and diamond drilling progress sketch, and supplemental letter on results of diamond drilling with assays--and the original and six copies of W. L. Dare's memorandum covering inspection of underground progress and the accounting forms. The contract is unit cost on Short Form MF-200(A) and documentation is not required.

Dare confined the drifting advance of 264.5 feet on an inspection made January 6, 1954. The progress is reported in the operator's narrative and entered on the reporting forms correctly. However, the drifting apparently was not on the Letter "G" vein as revealed by core drilling, and the drift is being turned to the left to penetrate the dike and vein indicated in two of the drill holes. The inspecting engineer describes the conditions encountered during the period and the proposed plans for continued work.

Payment is approved and certified on the MF-104 forms of $6,652.17, or 50 percent of the total $13,304.35 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosure
WMT/kp
cc: 4
E558
EMRA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 18, 1954

Memorandum

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

From: W. L. Dave

Subject: DMEA 2951, Contract IBM-2558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group-Letter "G" vein), San Juan County, Colorado -- Progress report for December 1953

Underground exploration progress for December 1953 was checked with John Holmgren, mine superintendent, on January 6, 1954. Her advance was verified as reported. In December, the operator advanced the west heading 254.5 feet, turning the drift about N. 70° W. to align with the expected strike of Letter "G" vein. No structure was encountered other than a few shears striking roughly north-south. Near the breast of this heading, Holmgren drilled one diamond drill hole north but found no structure.

In the first half of January, the operator drilled three additional holes and extended the hole drilled from the breast of the main crosscut in November 1953, from 153 feet to 221 feet. This latter hole was extended upon request of the inspecting engineer on the possibility that the dip of Letter "G" steepened in depth. This did not prove to be the case. Because the work completed in the period of January 1 through 15 ties in with and justifies the reason for the drifting completed in December, the letter and sketch showing the work completed in this period received January 18, 1954, is attached.

The first of the two holes drilled from near the breast of the west heading in January, No. 1 on sketch, was completed at the time of the visit. This hole encountered about 29 feet of a poorly mineralized dike at a distance of 78 to 107 feet from the collar. The second hole encountered 6 feet of vein material, in association with the dike, reported by the operator as having a gross value of

$10.76 per ton. (Note core assays attached to letter of January 16, 1954.) The Letter "G" vein on the above levels is in a fracture occupied by a dike. It seems logical to assume that these two diamond drill holes have encountered the Letter "G" vein.

Diamond Drill hole No. 4, also completed in January, and shown on the sketch, encountered ore east of the main crosscut, and is reported to have a gross value of $19.38 per ton over a distance of 8 feet.

Although it appears that the Letter "G" vein has been faulted in the area of the expected intersection, more geologic work will have to be completed.

About 60 feet from the face of the west heading, the operator has started a crosscut for the intersection with the vein. This 60 feet of drifting is considered as legitimate exploration and can also be used as a switching point. The advance reported for December 1953 is approved.

All costs relative to the diamond drilling have been borne by the company.

The contract is a short-form, unit-cost type, and on the basis of the agreed estimated unit cost of $50.30 per foot of advance, payment to the operator is recommended as $6,692.17, which is 50 percent of the allowable $13,384.35 claimed.

W. L. Dare
Mining Engineer

WLD/kp

cc: 6
2558
DMEA Chron

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
Jan. 7th, 1954

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado

RE: DMEA 2991
IDM-E 558
Dec. 1953

Dear Sir:

Enclosed please find five copies of our December report as follows:

Operators Unit Cost & Progress Report, from No. 104-A
Operators Monthly Report & Voucher, from No. M.F. 104
Claim & Project map showing December advance in red and prior work (July-Nov.) in green.

Drift advance for the month of December was 264.5 ft. Waste removed 1,393 tons. Diamond drilling 150 ft.

The drift advanced 264.5 ft through the day shift of Dec. 24th., averaging 12.3 ft. per day for 21½ days. On Dec. 28th after a 3½ day Christmas layoff, we diamond drilled from the drift heading 150 ft. to the right or hanging wall side, and found nothing. We are now diamond drilling the foot wall side.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson

E. A. Larson, Resident Manager

EAL:l
Enc's

FO[illegible]-104A
(Apr. 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

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

Month of December 1953 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead, Zinc, Copper
Address Silverton, 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								
Crosscutting	feet	13,304.35	264.5	78,996.15	1570.5	50.30	3000	50.30
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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 Jan. 7, 1954 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Resident Manager

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 M[illegible] 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 December, 1953 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead, Zinc, Copper
Address Silverton, Colorado
Contract Amount, $ 211,900.00 Government Participation: 50 % Amount, $ 105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting)						
Drifting)	13,304.35	65,691.80	78,996.15			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	13,304.35	65,691.80	78,996.15	13,304.35	65,691.80	78,996.15

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

Date Jan. 7, 1954 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Resident Manager

*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:

$ 6652.78

Signature [signature]
(Authorized Certifying Officer)

Date 1/26/54 Vou. No. DMA 54-76

(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-6558 in accordance with the terms of the contract.

Signature W. Dare $6,652.18 Title Mining Engineer Date 1-18-54

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

Signature W H Kemp Title Executive Officer Date JAN 25 1954

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.

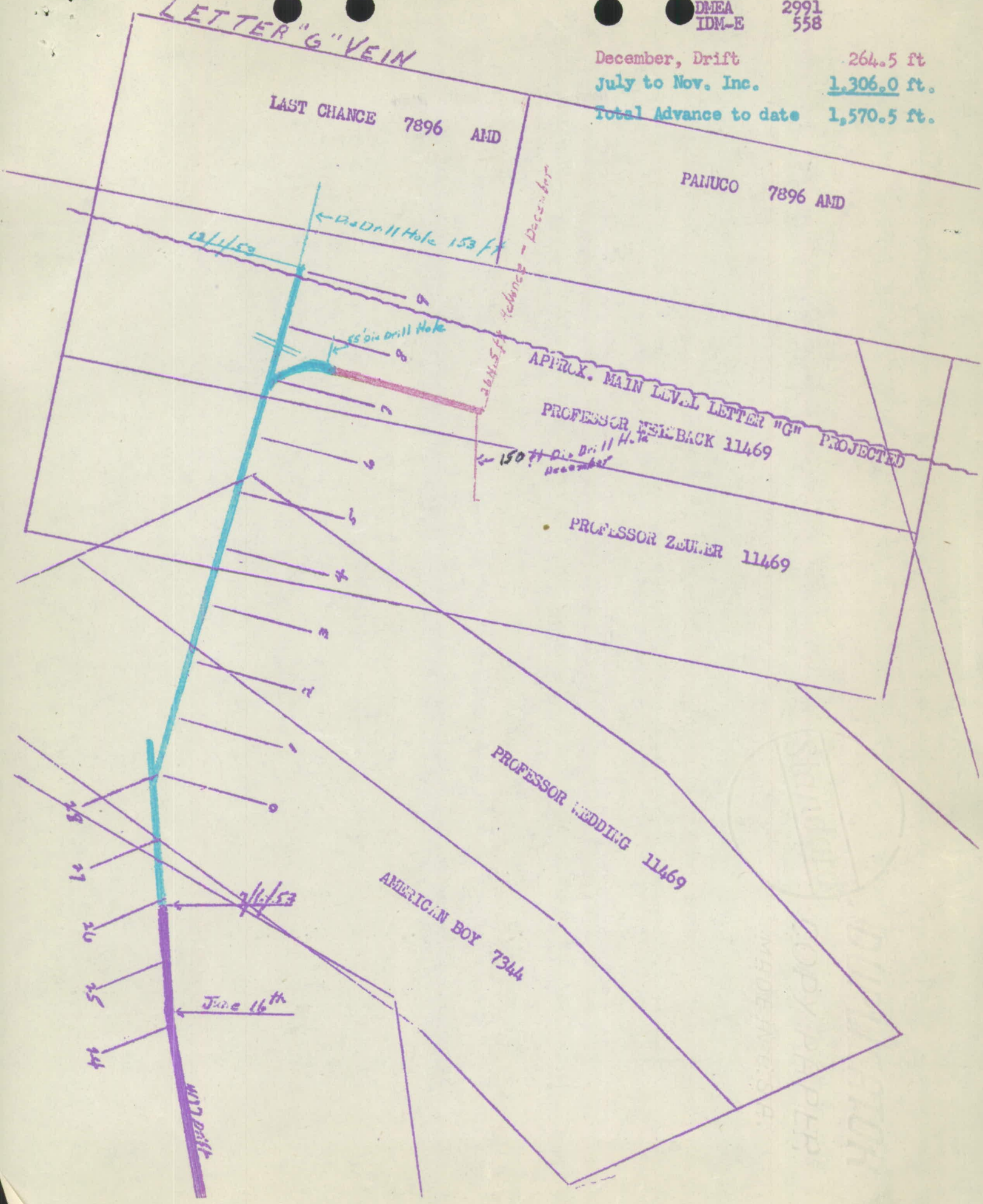
Form MF–104 submitted for reimbursement under fixed price contracts on Form MF–200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF–104 by deleting as stated above the word "Independent" and by showing the number 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

Shenandoah-Dives Mining Company
Silverton, Colorado

DMEA 2991
IDM-E 558

December, Drift	264.5 ft
July to Nov. Inc.	1,306.0 ft.
Total Advance to date	1,570.5 ft.



SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado

Jan. 16, 1954

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division, Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado.

DMEA 2991
IDM-E 558

Dear Sir:

To bring you up to date on developments, I enclose a sketch and assay results of the diamond drilling done this month.

Since January 1st we have drilled four diamond drill holes. Hole No. 1 found structure showing some metal 78 feet south of our present drift. Drill hole No. 2 found the same structure about 40 feet ahead (west) and the same distance south of the drift, thus indicating proper strike to be the letter "G" vein. Seven feet of core which we estimate to be a six foot vein shows a gross value of $10.76 at present metal prices.

Drill hole No. 3 was driven 153 feet from the end of the crosscut in November. We extended this hole another 68 feet but found nothing.

Drill hole No. 4 was driven on an angle cutting the vein about 60 feet east of the crosscut. The last 8 feet showing ore with a gross value of $19.38.

Drifting was resumed on January 13th turning southwest to cut the vein at the point where D.D. hole # 2 disclosed ore.

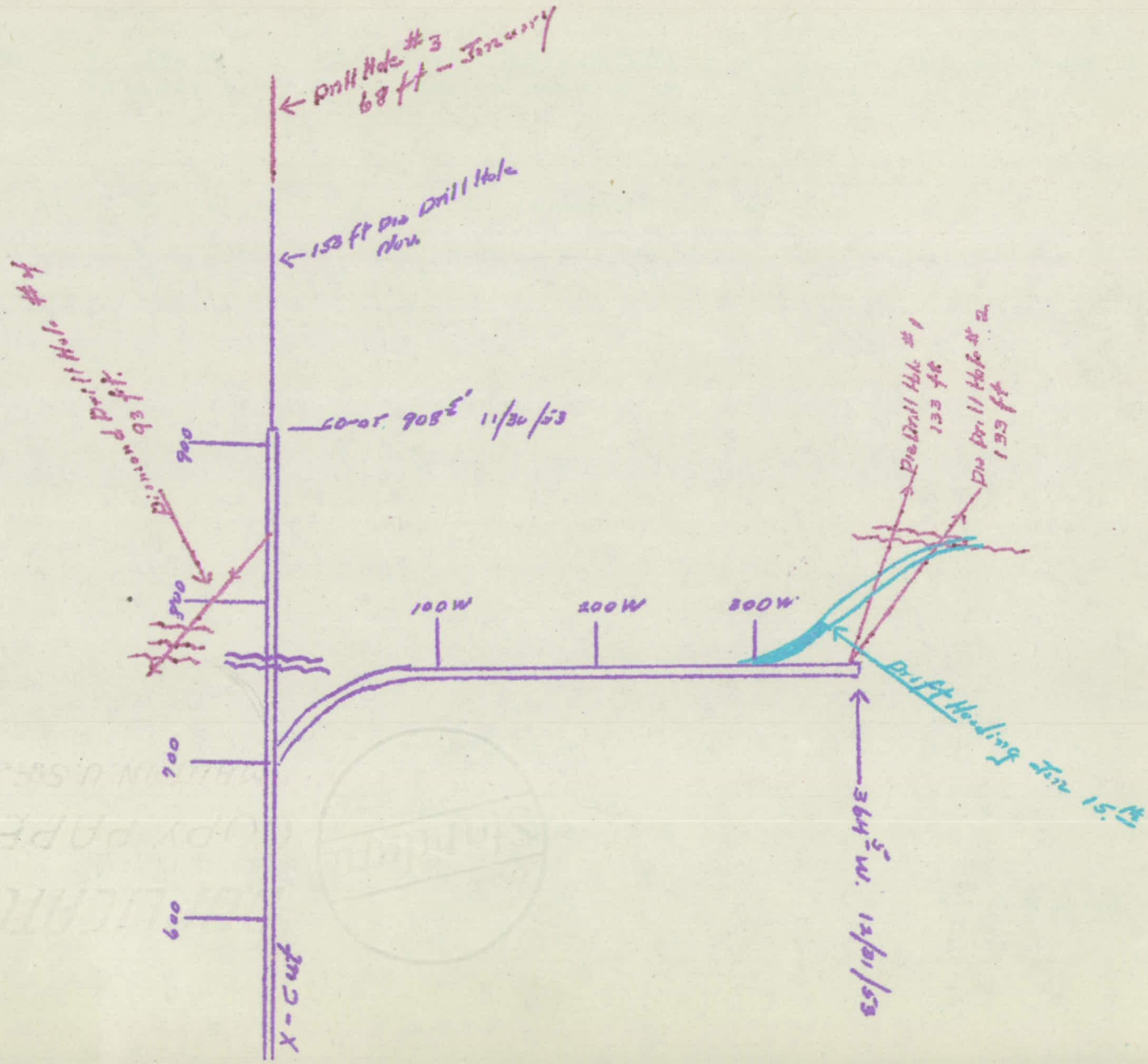
Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Resident Manager

EAL:l
Enc's

Shenandoah-Dives Mining Company
Silverton, Colo.
DMEA 2991
Jan. 16, 1954



Metal Prices	
Gold	$35.00
Silver	.90
Lead	13.50
Copper	29.00
Zinc	10.00

D.D. Hole # 1		Au.	Ag.	Pb.	Cu.	Zn.	Value Gross	60%	Net Smelter
78.0' to 84.5'	6.5 ft.	.01	1.6	0.1	0.2	0.15			
84.5' to 91.5'	7.0 ft.	.005	.25	0.1	0.2	0.15	$ 2.80		$1.68
91.5' to 97.0'	5.5 ft.	.01	1.0	0.2	0.3	0.20			
97.0' to 107.0'	10.0 ft.	.01	.20	0.1	0.1	0.10			
D.D. Hole # 2									
106.0' to 112.0'	6.0 ft.	.01	1.2	0.3	0.3	0.10	$ 4.18		$2.51
112.0' to 119.0'	7.0 ft.	.02	3.1	1.1	0.5	0.70	10.76		6.46
D. D. Hole # 4									
60.0' to 68.0'	8.0 ft.	.01	.75	0.4	0.3	0.10			
68.0' to 75.0'	7.0 ft.	.01	1.0	0.3	0.4	0.10	$ 4.70		$2.82
75.0' to 82.0'	7.0 ft.	.01	.85	0.4	0.3	0.80			
82.0' to 90.0'	8.0 ft.	.03	2.9	4.6	0.5	0.20	$19.38		$11.63

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 18, 1954

Memorandum

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

From: W. L. Dare

Subject: MRRA 2991, Contract IBM-2358 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group-Letter "G" vein), San Juan County, Colorado -- Progress report for December 1953

Underground exploration progress for December 1953 was checked with John Holmgren, mine superintendent, on January 6, 1954. New advance was verified as reported. In December, the operator advanced the west heading 264.5 feet, turning the drift about N. 70° W. to align with the expected strike of Letter "G" vein. No structure was encountered other than a few shears striking roughly north-south. Near the breast of this heading, Holmgren drilled one diamond drill hole north but found no structure.

In the first half of January, the operator drilled three additional holes and extended the hole drilled from the breast of the main crosscut in November 1953, from 153 feet to 221 feet. This latter hole was extended upon request of the inspecting engineer on the possibility that the dip of Letter "G" steepened in depth. This did not prove to be the case. Because the work completed in the period of January 1 through 15 ties in with and justifies the reason for the drifting completed in December, the letter and sketch showing the work completed in this period received January 18, 1954, is attached.

The first of the two holes drilled from near the breast of the west heading in January, No. 1 on sketch, was completed at the time of the visit. This hole encountered about 29 feet of a poorly mineralized dike at a distance of 78 to 107 feet from the collar. The second hole encountered 6 feet of vein material, in association with the dike, reported by the operator as having a gross value of

$10.76 per ton. (Note core assays attached to letter of January 16, 1954.) The Letter "G" vein on the above levels is in a fracture occupied by a dike. It seems logical to assume that these two diamond drill holes have encountered the Letter "G" vein.

Diamond Drill hole No. 4, also completed in January, and shown on the sketch, encountered ore east of the main crosscut, and is reported to have a gross value of $19.38 per ton over a distance of 8 feet.

Although it appears that the Letter "G" vein has been faulted in the area of the expected intersection, more geologic work will have to be completed.

About 60 feet from the face of the west heading, the operator has started a crosscut for the intersection with the vein. This 60 feet of drifting is considered as legitimate exploration and can also be used as a switching point. The advance reported for December 1953 is approved.

All costs relative to the diamond drilling have been borne by the company.

The contract is a short-form, unit-cost type, and on the basis of the agreed estimated unit cost of $50.30 per foot of advance, payment to the operator is recommended as $6,652.17, which is 50 percent of the allowable $13,304.35 claimed.

W. L. Dare
Mining Engineer

WLD/kp

cc: 6
E558
IMBA Chron

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

224 New Customhouse
Denver 2, Colorado

January 4, 1954. Gwendolyn Betty

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake Group - Letter "G" vein), San Juan County, Colorado. Operator's Monthly Progress Report for the period November 1953.

Enclosed are two copies of Operator's Monthly Progress Report Form MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to Docket DMEA 2991, Contract Idm-E558, Shenandoah-Dives Mining Company for the period November, 1953.

W. H. King
W. H. King

Enclosures

1d

Prover w/copy of report
sub
chron

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

224 New Customhouse
Denver 2, Colorado

December 16, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991 (Lead-Zinc-Copper), Contract Idm-E558, Shenandoah-Dives Mining Company (Silver Lake Group-Letter "G" vein), San Juan County, Colorado. Operator's Monthly Progress Report for the period November 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	December 5, 1953.
Date Received in Field Office	December 7, 1953.
Date Received in Region Office	December 15, 1953.

for John F. Shaw
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
December 14, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2991, Contract Idm-2558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado -- Progress report for November 1953

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, drifting and diamond drilling progress sketch maps--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground progress and review of the accounting forms. The contract is unit cost on Short Form MF-200(A), and documentation is not required.

Dare verifies the 191.5 feet of advance and reports 59.5 feet of the advance as the "4177" crosscut and 132.0 feet as advance on a vein. Whether this is the Letter "G" or some other vein is unknown at this time. The attempts being undertaken by diamond drilling to determine the possible location of the vein are described in some detail in the engineer's memorandum. Operations were carried on in accordance with the terms of the contract and entries and extensions on the reporting forms are correct.

Payment is approved and certified on the MF-104 forms of $4,816.22, or 50 percent of the total $9,632.45 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosure

WMT/kp

cc ✓4
2558
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
December 11, 1953

Memorandum

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

From: W. L. Bare

Subject: DMMA 2991, Contract Idm-2958 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group - Letter "G" vein), San Juan County, Colorado -- Progress report for November 1953

Underground progress under Contract Idm-2958 was inspected with John Holmgren, mine superintendent, on December 3, 1953. Edwin Larson, resident manager, was later contacted at the company office and future exploration plans discussed. November advance as reported in the operator's narrative and on form MF-104A was verified correct.

The crosscut was advanced 59.5 feet during November, and advance in this heading has now ceased. The present face is south of the Letter "G" vein as shown projected to the 4177 level on the plan map attached to the contract. Holmgren diamond drilled one 153-foot horizontal hole from the face on the same bearing as the crosscut, but no vein structure was found. Holmgren then began exploration of the vein encountered in the crosscut in October. He assumed that possibly this vein was the Letter "G" vein and not the New York vein, or either that it might be the downward continuation if the two veins intersected above. About 68 feet north of the point where the crosscut encountered the vein, he began his curve to the west. Completing the curve, he encountered some structure with almost 2 feet of lead-zinc sulphides, but from that point west, the structure ceased to exist. A 55-foot horizontal hole was diamond drilled south but revealed nothing. Total advance in this heading in November was 132 feet. At the time of the inspection, Holmgren planned to advance this heading about another 200 feet and then explore to the north and south by diamond drilling for the continuation of the structure.

A study of available maps in this office tend to show that in the vicinity of where the crosscut should intersect the Letter "G"

vein, the vein has a very slight dip and may be near vertical. The end of the 153-foot diamond drill hole appears to be about 25 feet from the vertical downward extension of the above Silver Lake workings on the Letter "G" vein. On the supposition that possibly the Letter "G" vein is near vertical or possibly has reversed in dip at that depth, it was recommended by phone that the diamond drill hole be extended at least another 60 feet.

Considering the reported footage as legitimate exploration, payment to the operator is recommended as $4,816.22, or 50 percent of the $9,632.45 claimed.

W. L. Dare
Mining Engineer

WLD/kp

cc 6
8598
Chron

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
Dec. 5th 1953

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado

RE: DMEA 2991
IDM-E 558
Nov. 1953

Dear Sir:

Enclosed please find five copies of our November report as follows:

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly Report & Voucher, form No. M.F. 104
Claim & Project map showing November advance in red and prior advance (July-Oct.) in green.
Sketch and results of one sample taken.

Advance for the month of November was 191.5 feet. Waste removed, 1,066 tons; 208 feet of diamond drilling.

The crosscut was advanced to Co-or. 908.5 which is beyond the point where we should have found the letter "G" vein as projected. We diamond drilled 153 feet and the drill cores showed nothing. As there is a possibility that the vein cut at co-or. 758 in Octobbr might be the letter "G" vein, we moved back to co-or 690 and started drifting, turning as we advanced so as to cut the 758 vein approximately 90 feet west of the crosscut. The only ore found came in just as we completed the turn, and was a 2 ft. streak of sulphides, which pinched and disintegrated in a short distance. At this point we diamond drilled 55 feet on the footwall side and found nothing. The water course cut in the crosscut at co-or 798, failed to show in diamond drilling. A sample was taken across the face of the drift on Nov. 30th, the results appear on the sketch.

Progress in general for the month was poor. A cave-in at co-or 14 in the 4177 main drift delayed the work for two days. Diamond drilling was terribly slow by reason of having to "fish" out broken drill rods.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Resident Manager

EAL:1

104A
(Jan. 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 November 1953 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead, Zinc, Copper
Address Silverton, 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								
Crosscutting	feet	9,632.45	191.5	65,691.80	1,306	50.30	3,000	50.30
Raising	feet						500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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 Dec. 5, 1953 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Res. Manager

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

04 (Rev.)
52)

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 November, 1953 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenadoah-Dives Mining Company Minerals Lead, Zinc, Copper
Address Silverton, Colorado
Contract Amount, $ 211,900.00 Government Participation: 50 % Amount, $ 105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) [redacted] Short Form } Contracts:						
Drilling						
Bulldozing						
Crosscutting	9,632.45	56,059.35	65,691.80			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	9,632.45	56,059.35	65,691.80	9,632.45	56,059.35	65,691.80

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

Date Dec. 5th 1953 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Res. Manager

*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:

$ 4816.22

Signature [signature]
(Authorized Certifying Officer)

Date 12/18/53 Vou. No. 54-62

(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. Tm-5558 in accordance with the terms of the contract.

Signature W. Dare #4,816.22 Title Mining Engineer Date 12-11-53

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

Signature John T. Shaw for W. H. King Title Executive Officer Date DEC 16 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.

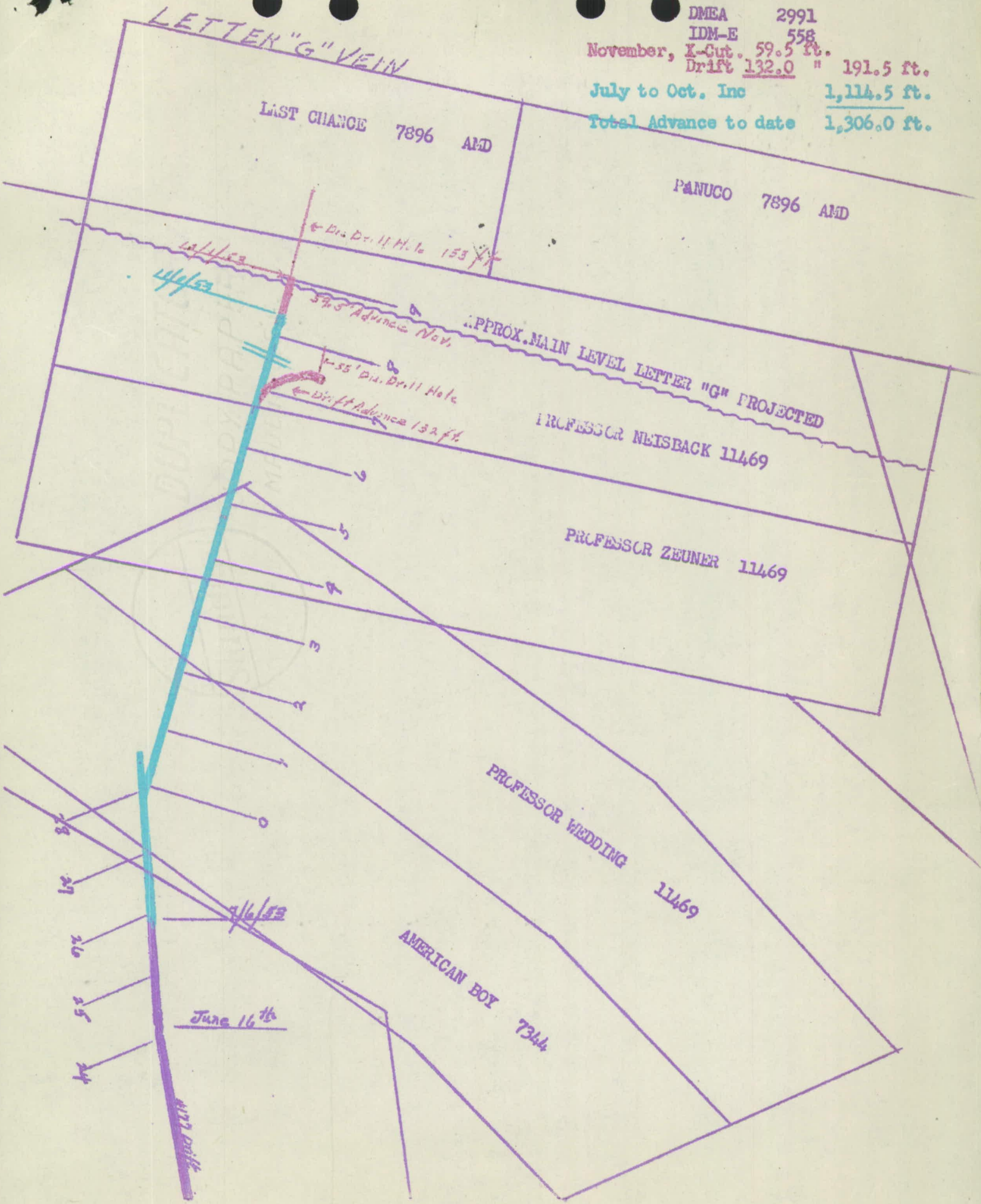
Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number 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

Shenandoah-Dives Mining Company
Silverton, Colorado

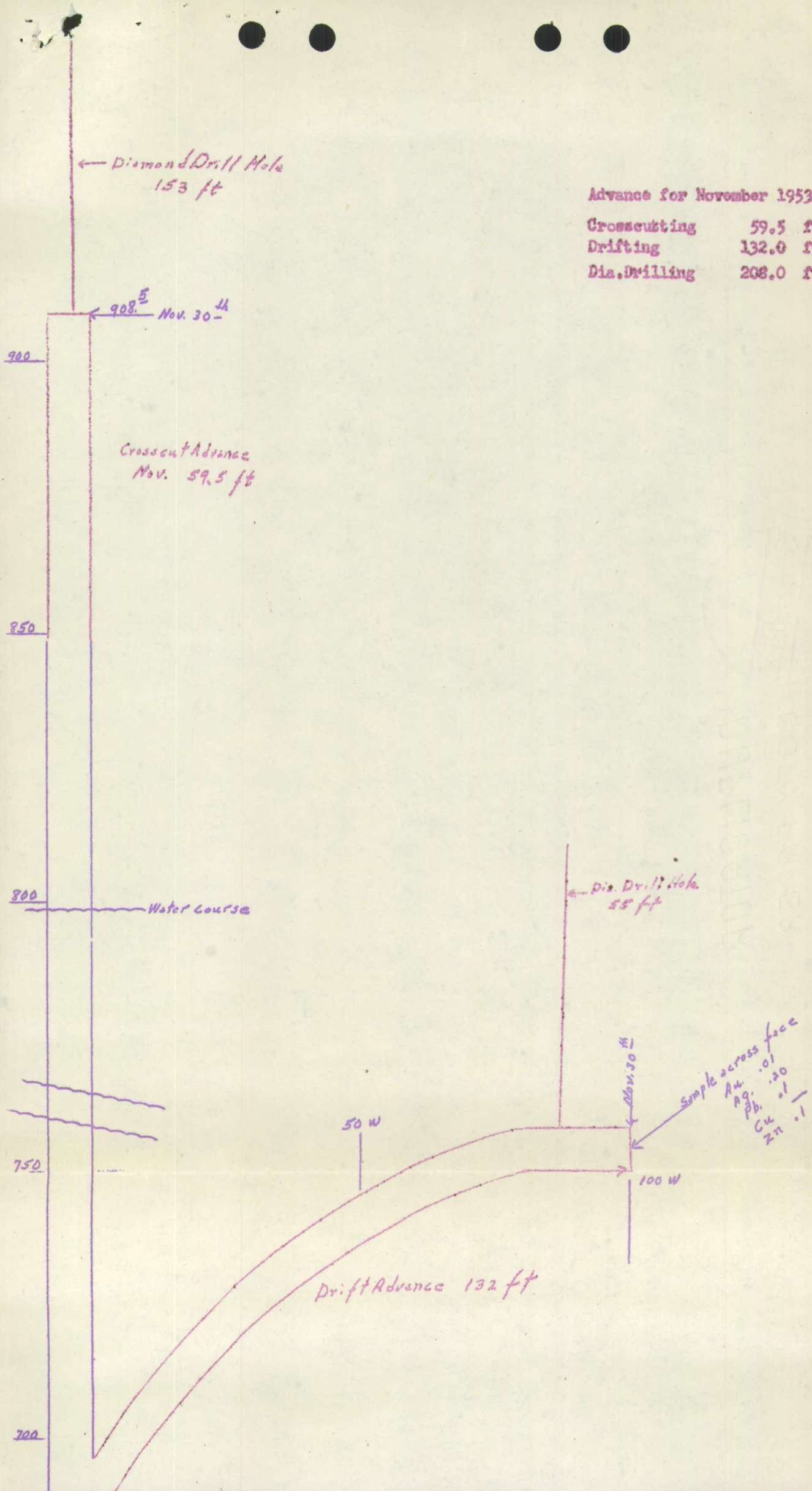
DMEA 2991
IDM-E 558

November, X-Cut. 59.5 ft.
Drift 132.0 " 191.5 ft.
July to Oct. Inc 1,114.5 ft.
Total Advance to date 1,306.0 ft.



Advance for November 1953

Crosscutting	59.5	ft.
Drifting	132.0	ft.
Dia.Drilling	208.0	ft.



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

224 New Customhouse
Denver 2, Colorado

November 25, 1953.

Unsowed
Betty

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991, Contract Idm-E558 (Lead-Copper-Zinc), Shenandoah-Dives Mining Company, San Juan 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 pertaining to work under the subject contract for the month of October 1953.

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

November 16, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991, Contract Idm-E558 (Lead-Copper-Zinc), Shenandoah-Dives Mining Company, San Juan County, Colorado. Operator's Monthly Progress Report for the period October 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	November 5, 1953.
Date Received in Field Office	November 9, 1953.
Date Received in Region Office	November 13, 1953.

for John F. Shea
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
November 12, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: IMEA 2991, Contract Idm-E558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group, Letter "G" vein), San Juan County, Colorado -- Progress report for October 1953

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, progress map--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground progress and accounting. The contract is unit-cost on short form MF-200(A) and documentation is not required.

Dare verifies the 296 feet advance of the "4177" heading as reported in the contractor's narrative and entered on the MF-104A form. The total advance as of October 31 is 1,114.5 feet. Entries and extensions on the reporting forms are correct, and all work was performed in conformance with the terms of the contract.

Payment is approved and certified on the MF-104 form of $7,444.40, or 50 percent of the total $14,888.80 claimed by the contractor.

Scott W Hagen
for W. M. Traver

WMT/kp

enclosures

cc 4
E558
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

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

Memorandum

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

From: W. L. Dare

Subject: DMMA 2991, Contract Idm-2558 (Lead-zinc-copper), Shenandoah-Dives Mining Company (Silver Lake group, Letter "G" vein), San Juan County, Colorado -- Progress report for October 1953

John Holmgren, mine superintendent, and Ernie Larson, resident manager, were contacted at the company office in Silverton on November 4, 1953. Underground advance was checked with Holmgren and verified as reported. Advance in October was 236 feet. Total advance as of November 1, 1953, is 1,114.5 feet.

At about a distance of 757 feet from the start of the cross-cutting, a 13-foot vein was encountered striking N. 60° W. and dipping 75° to the southwest. From the strike and dip, and its location in the 4177 drift, it seems logical to presume this is the New York vein mined earlier on the Silver Lake Mines main level. The vein is composed mainly of quartz containing stringers of lead and zinc sulfides. Sampling by Holmgren, as noted in the sketch supplied by the operator, proved little value at the point of encounter.

At a distance of about 798 feet from the start of the cross-cutting, a barren fracture was encountered that at the time of the visit was making an estimated 200-250 gallons of water per minute.

November advance, as of November 4, was 18 feet. Holmgren reported that if the Letter "G" vein was not intersected within 25 to 30 feet, he would diamond drill ahead to probe for its location.

Payment to the operator, based on the agreed unit cost of $50.30 per foot of advance, is recommended as $7,444.40, which is 50 percent of the $14,888.80 claimed.

W. L. Dare

WLD/kp

cc: 6
2558
Chron.

SHENANDOAH-DIVES MINING COMPANY

Silverton, Colorado

Nov. 5th 1953

Mr. W. M. Travor,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado

RE: DMEA 2991
IDM-E 558
Oct. 1953

Dear Sir:

Enclosed please find five copies of our October report as follows:

Operators Unit Cost & Progress Report, from No. 104-A
Operators Monthly Report & Voucher, form No. M.F.104
Claim & Project map showing October advance in red and prior advance (July-Sept.) in green.
Sample record and sketch.

Advance for the month of October was 296 ft. for an average of 12.33 ft per day for 24 operating days. 1490 tons waste removed and 58 tons dumped in crusher bin as ore.

Two days were lost due to severe snow conditions which wrecked power and phone lines. One day was lost because part of our crew took time out for deer hunting.

A vein, which we believe to be the "New York" was cut at Co-or. 758. Six samples were taken and results are shown on the accompanying sketch.

A heavy flow of water under terrific pressure was encountered at Co-or. 798.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Res. Manager.

EAL:1

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

RECEIVED
NOV 27 1953

Month of October 1953 Docket No. DMEA 2991 Contract No. IDM-E 558

Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper

Address Silverton, 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								
Crosscutting	feet	14,888.80	296	56,059.35	1114.5	50.30	3000	50.30
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

REMARKS:

Date Nov. 5th 1953 Operator Shenandoah-Dives Mining Company

Per [signature] Title Res. Manager

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-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 October 1953 Docket No. DMEA 2991 Contract No. IDM-E 558

Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper

Address Silverton, Colorado

Contract Amount, $211,900.00 Government Participation: 50 % Amount, $105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	14,888.80	41,170.55	56,059.35			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	14,888.80	41,170.55	56,059.35	14,888.80	41,170.55	56,059.35

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

Date Nov.5th 1953 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Res.Manager

*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:

$7444.40

Signature [signature]
(Authorized Certifying Officer)

Date 11/18/53 Vou. No. DMA 54-50

(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-1558 in accordance with the terms of the contract.

Signature W. L. Dare $7,444.40 VOUT Title Mining Engineer Date 11-10-53

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

Signature John F. Shaw for W. H. King Title Executive Officer Date NOV 16 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.

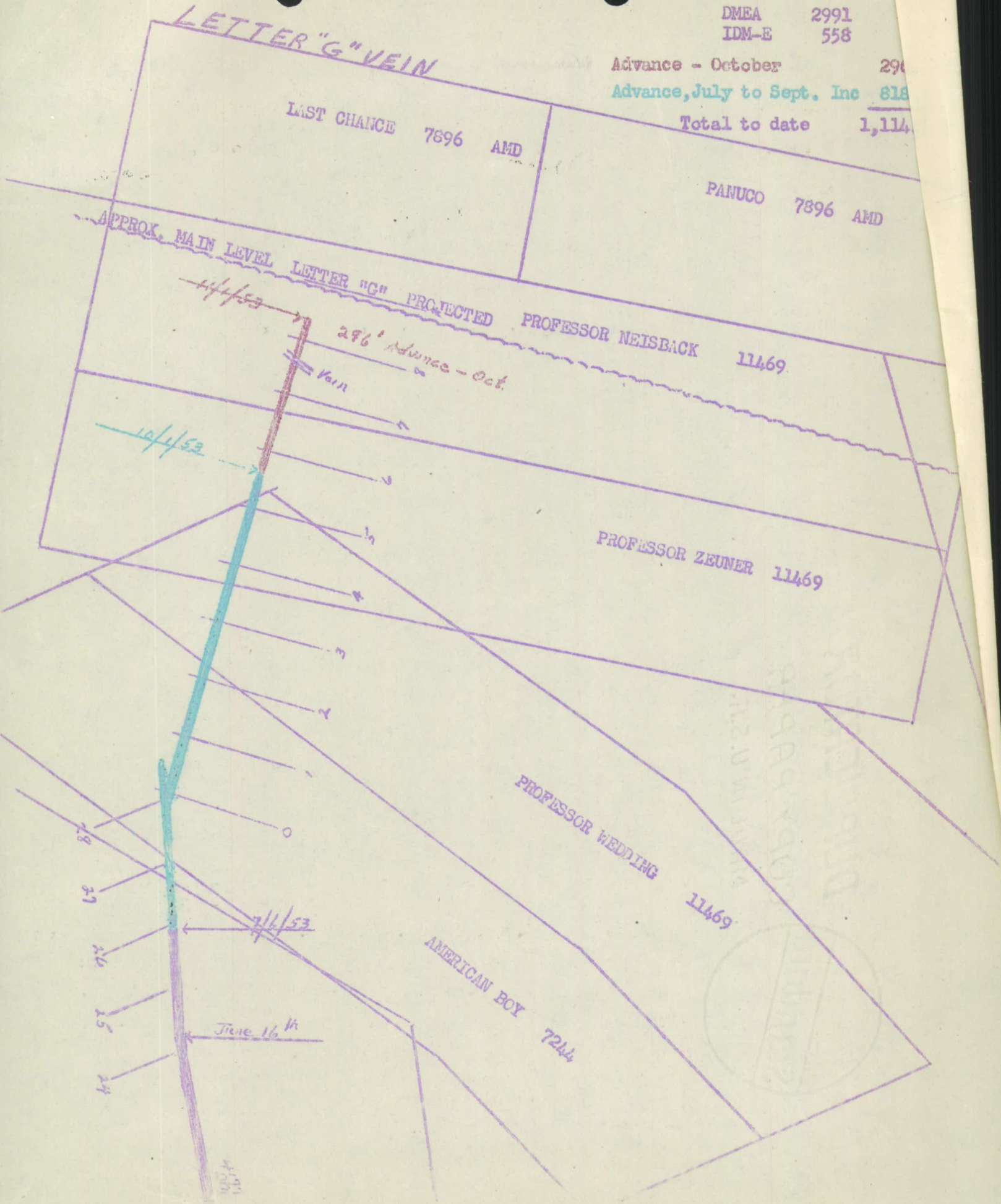
Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number 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

Shenandoah-Dives Mining Com
Silverton, Colorado

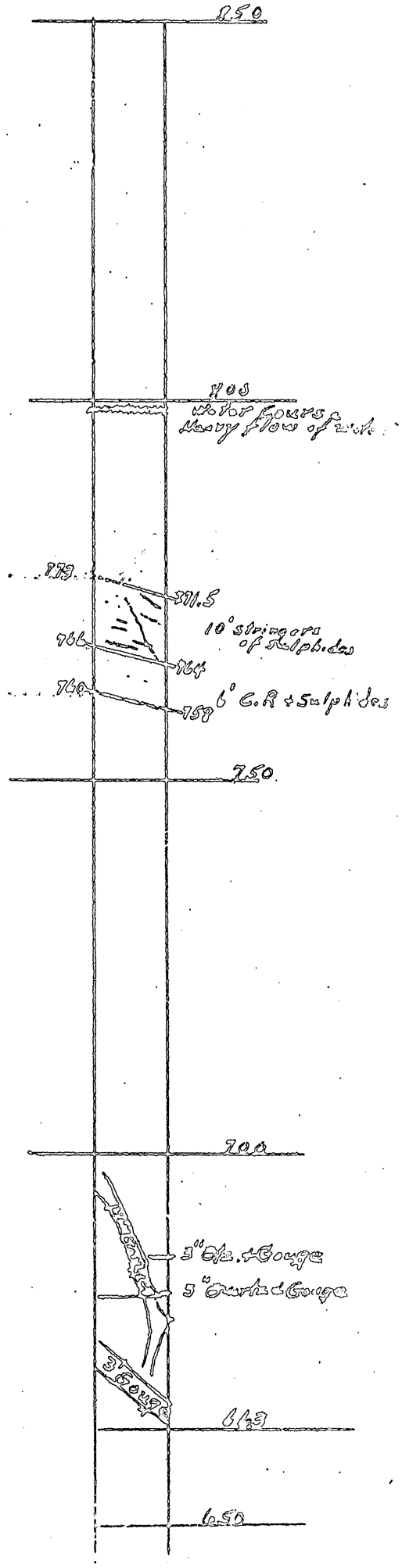
DMEA 2991
IDM-E 558

Advance - October 29
Advance, July to Sept. Inc 818
Total to date 1,114



Assays of samples taken from Co.or. 758 to 773

		Au	Ag	Pb	Cu	Zn
Co-or. 758-764	Right Side C.R. & good sulphides	.01	1.9	.6	1.6	.50
760-766	Left Side C.R. & scattered good sulphides	.01	.85	.8	.3	.20
766-773	Left Side C.R. & scattered streaks of sulphides	.01	.20	.5	.2	.30
760-773	Left Side Vein as exposed	.02	1.30	1.2	.35	.20
764-771.5	Right Side C.R. & streaks of sulphides	.01	.50	.8	.35	.20
758-771.5	Right Side Vein as exposed	.01	.50	.4	.40	.25



Scale 20' - 1 inch

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 30 1953

224 New Customhouse
Denver 2, Colorado

October 26, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 2991, Contract Idm-E558 (Lead-Zinc-Copper), Shenandoah-Dives Mining Company (Silver Lake Group - Letter "G" vein), San Juan 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 September 1953, pertaining to DMEA Docket 2991, Contract Idm-E558 (Lead-Zinc-Copper), Shenandoah-Dives Mining Company (Silver Lake Group - Letter "G" vein), San Juan County, Colorado.

W. H. King
W. H. King

Enclosures

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

DEPARTMENT OF THE INTERIOR
Denver Minerals Administration
RECEIVED
OCT 20 1953

224 New Customhouse
Denver 2, Colorado

October 15, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991, Contract Idm-E558 (Lead-Zinc-Copper), Shenandoah-Dives Mining Company (Silver Lake Group - Letter "G" vein), San Juan County, Colorado. Operator's Monthly Progress Report for the period September 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	October 6, 1953.
Date Received in Field Office	October 8, 1953.
Date Received in Region Office	October 15, 1953.

for John F. Shaw
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
October 14, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2948, Contract Idm-E558 (Lead-copper-zinc), Shenandoah-Dives Mining Company, (Silver Lake group, Letter "W" vein), San Juan County, Colorado -- Progress report for September 1953

Transmitted herewith are the original and four copies of the third or September 1953 progress report--forms MF-104 and MF-104A, with narrative, progress map--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground progress and accounting. The contract is a unit-cost prepared on short-form MF-200(A) and documentation is not required.

Dare confirms the 275 feet advance of the "4177" heading as reported in the operator's narrative and on the MF-104A form, making a total advance at the end of this reporting period of 818.5 feet. Entries and extensions on the reporting forms are correct. A diagram and description of the typical drift round in use is included in the engineer's memorandum.

Payment is recommended and certified on the MF-104 form of $6,916.25 or 50 percent of the total $13,832.50 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 4
E558
DMEA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

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

Memorandum

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

From: W. L. Bare

Subject: MMA 2991, Contract Idm-2558 (Lead-copper-zinc), Shenandoah-Dives Mining Company, (Silver Lake group, Letter "E" vein), San Juan County, Colorado -- Progress report for September 1953

John Holmgren, mine superintendent, and Edwin Larson, resident manager, were contacted at the company office in Silverton on October 8, 1953. Underground progress was checked in company with Holmgren and found to be as reported. September advance was 275 feet and total advance, as of September 30, is 818.5 feet.

At the end of the advance each month, Holmgren locates the point permanently by means of a plug at breast height in the west wall of the drift. This affords easy and more exact measurements of monthly footages.

Attached is a sketch of the typical drift drill hole pattern used by the company. The operator has learned that this type of burn-cut breaks best in the rhyolite, although local changes in rock conditions may dictate modification of the pattern, especially in position and inclination of the reliever holes. During the exploration advance to date, the average depth pulled per round has been about 5.6 feet. The operator uses Gelex No. 2, 45 percent, powder, and for greater breaking efficiency, and safety uses milli-second delay electric detonators. Average powder consumption is about 75 pounds per round or 13.4 pounds per linear foot. Drift dimensions are 8 feet by 8.5 feet.

No mineralization has been encountered to date; consequently, there is no basis for ore reserve estimates.

Larson reported that the open ground on the surface has been located and filed upon, and that he will notify the Executive Officer for the inclusion of additional claims in the contract.

Based upon the agreed unit cost of $50.30 per foot of advance, payment to the operator is recommended as $6,916.25, which is 50 percent of the $13,832.50 claimed.

W. L. Dare
Mining Engineer

WLD/kp

cc✓6
E558
DMEA Chron

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 30 1953

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
Oct, 6th 1953

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado.

RE: DMEA 2991
IDM-E 558
Sept. 1953

Dear Sir:

Enclosed please find five copies of our September report as follows:

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly Report & Voucher, form No. M. F. 104
Claim & Project map showing September advance in red and prior advance (July-August) in green.

Advance for the month of September was 275.0 feet of crosscutting. 1,270 tons of waste removed.

There were 25 operating days in September, and an average of 11.0 ft. advance per day.

There has been no change in ground conditions, and the months operation was uneventful.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

E. A. Larson, Res. Manager

EAL:L

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

Budget Bureau No. 40-R1036.3.
Approval expires 6-30-53.

Defense Minerals Administration
RECEIVED
OCT 30 1953

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

Month of September, 1953 Docket No. DMEA 2991 Contract No. IDM-R 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, Colorado
Contract Amount, $ 211,900.00 Government Participation: 50 % Amount, $ 105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) [redacted] Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	13,832.50	27,338.05	41,170.55			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	13,832.50	27,338.05	41,170.55	13832.50	27,338.05	41,170.55

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

Date Oct. 6th 1953 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Res. Manager

*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:

$6916.25

Signature [signature]
(Authorized Certifying Officer)

Date 10/21/53 Vou. No. DMA 54-40

(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-E558 in accordance with the terms of the contract.

Signature [illegible] $6,916.25 Title [illegible] Date 10-13-53

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

Signature [illegible] for W. H. [illegible] Title Executive Officer Date OCT 15 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-101A
(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
OCT 3 0 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1953 Docket No. DMEA 2991 Contract No. DMA-X 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead-Zinc-Copper
Address Silverton, 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								
Crosscutting	feet	13,832.50	275.	41,170.55	818.5	50.30	3,000	50.30
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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 Oct. 6th 1953 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Res. Manager

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".

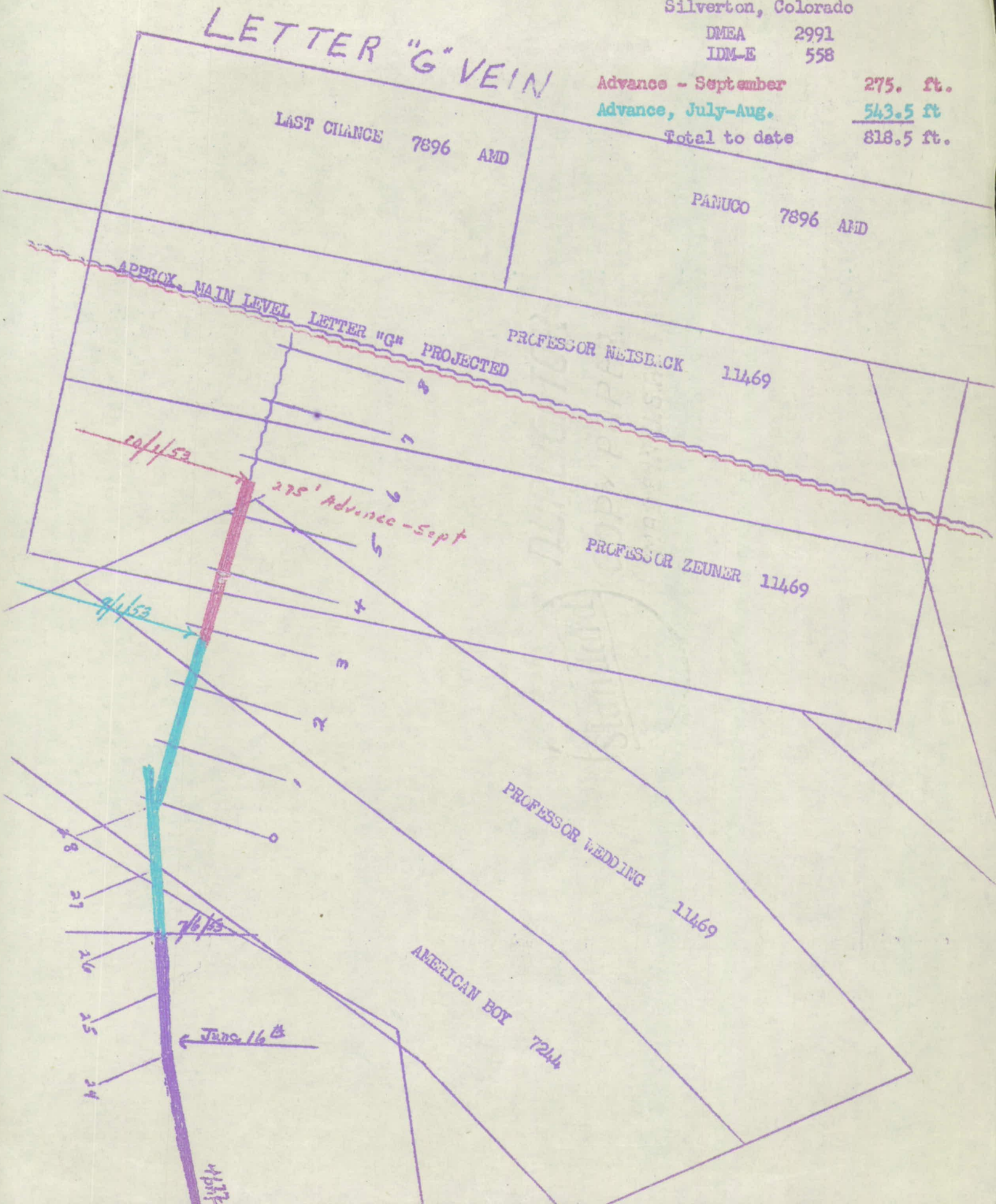
In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active 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.

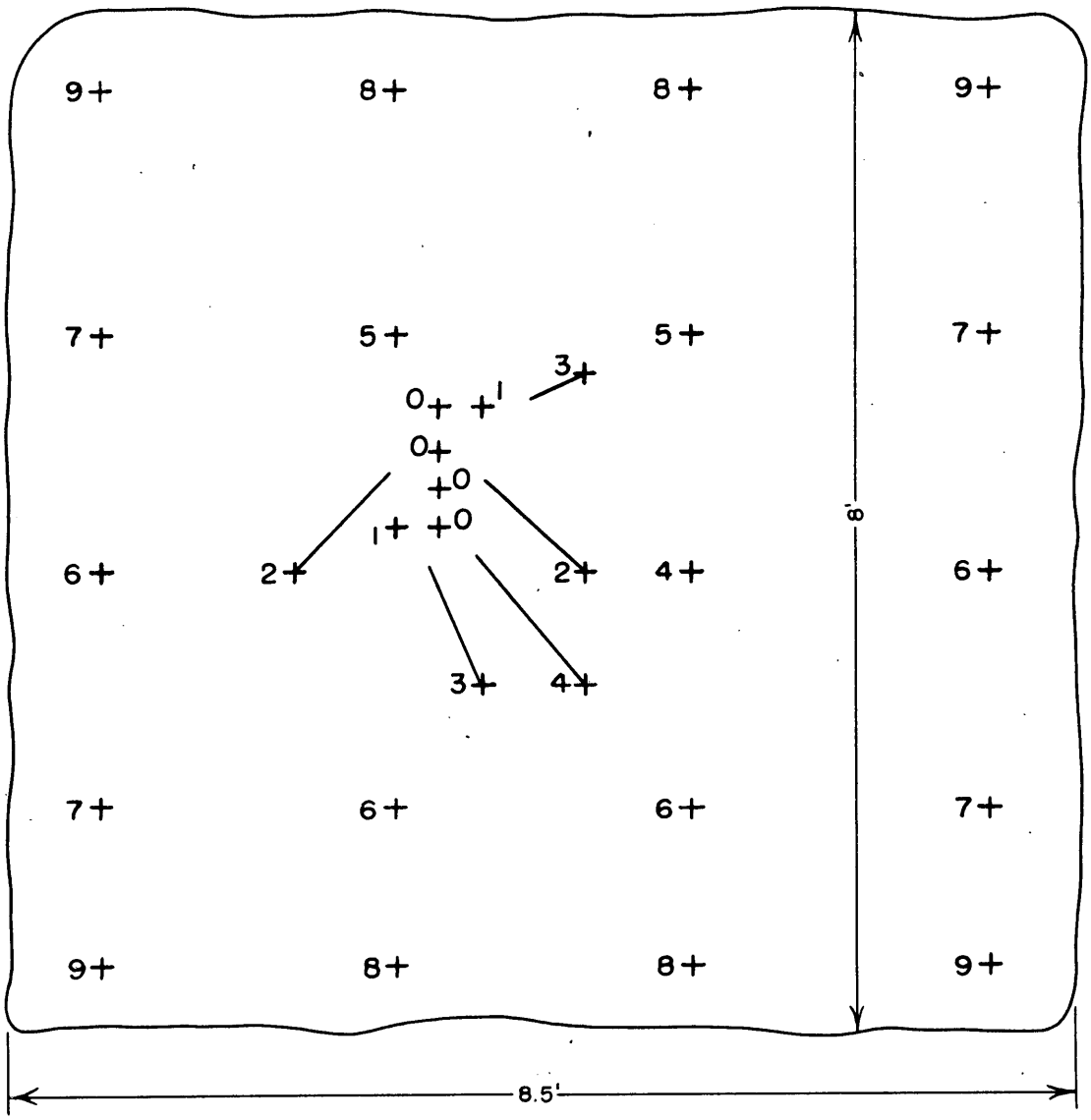
GPO 83-38475

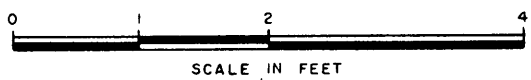
Shenandoah-Dives Mining Company
Silverton, Colorado

DMEA 2991
IDM-E 558

Advance - September	275. ft.
Advance, July-Aug.	543.5 ft
Total to date	818.5 ft.







NOTE

Hole pattern, primarily in position and inclination of relievers is changed to conform with changes in characteristic of rock. Numbers denote blasting sequence using electric caps.

TYPICAL BURN-CUT DRILL HOLE DRIFT PATTERN USED IN RHYOLITE BY SHENANDOAH-DIVES MINING CO., SAN JUAN COUNTY, COLO.

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

RECEIVED

224 New Customhouse
Denver 2, Colorado

October 5, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 2991, Contract Idm-E558 (Lead-Copper-Zinc), Shenandoah-Dives Mining Company (Silver Lake Group), San Juan 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 August 1953, pertaining to DMEA Docket 2991, Contract Idm-E558 (Lead-Copper-Zinc), Shenandoah-Dives Mining Company (Silver Lake Group), San Juan 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

September 25, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991, Contract Idm-2558 (Lead-Copper-Zinc), Shenandoah-Dives Mining Company (Silver Lake Group), San Juan County, Colorado. Operator's Monthly Progress Report for the period August 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	September 3, 1953.
Date Received in Field Office	September 8, 1953.
Date Originally Received in Region Office	September 16, 1953.
Date Revised Forms Received in Region Office	September 25, 1953.

Reports had to be returned to the Operator for signature.

W. H. King

W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 15, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2991, Contract Idm-E558 (Lead-copper-zinc), Shenandoah-Dives Mining Company, (Silver Lake group, Letter "G" vein), San Juan County, Colorado -- Progress report for August 1953

Transmitted herewith are the original and four copies of the second or August 1953 progress report--forms MF-104 and MF-104A, with narrative, progress map--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground progress and accounting. The contract is a unit-cost one prepared on short-form MF-200(A) and documentation is not required.

Advance of the "4177" drift and switch heading totaling 285.0 feet was verified by the inspecting engineer and he found the entries and extensions on the reporting forms correct as 285.0 feet of drifting at $50.30 a foot for a total of $14,335.50.

Payment is recommended and certified on the MF-104 forms of $7,167.75, or 50 percent of the total $14,335.50 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 14
E558
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: W. L. Dare

Subject: DMEA 8991, Contract Ida-8558 (Lead-copper-zinc), Shenandoah-Dives Mining Company, (Silver Lake group, Letter "B" vein), San Juan County, Colorado -- Progress report for August 1953

John Holmgren, mine superintendent, was contacted at the company office on September 3, 1953. Advance in August was verified in the mine as reported. The switch heading was advanced 7-1/2 feet and the crosscut was advanced a total of 277.5 feet. Progress to date has been good. In a period of less than two months DMEA footage totals 543.5 feet. Waste muck is dumped into an old stope on the Mayflower vein near the portal.

The face of the crosscut is still in the Eureka rhyolite, although the color has changed from light green to light purple and contains some angular dark inclusions. No ore reserves have been opened up to date.

Based on the short-form type contract of agreed unit costs, payment is recommended as $7,167.75, which is 50 percent of the $14,335.50 claimed.

W. L. Dare
Mining Engineer

WLD/kp

cc 6
8558
DMEA Chron

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 8 1953

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado
Sept. 3rd. 1953

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colorado.

RE: DMEA 2991
IDM-E 558
August 1953

Dear Sir:

Enclosed please find five copies of our August report as follows:

Operators Unit Cost & Progress Report, form No. 104-A
Operators Monthly Report & Voucher, form No. M. F. 104
Claim & project map showing August advance in red and prior advance (July 6-31st) in green.

Advance for the period August 1st-31st was 7.5' in the switch heading and 277.5 ft. in the crosscut for a total of 285.0 ft. Waste removed 1,315 tons.

There were 26 operating days in August, 25 days of drilling for an average of 11.4 ft. per day and one day was required to lay the switch, change air, water and ventilating pipe when making the turn at "O" co-or.

The ground continues hard. A heavy flow of water made the work disagreeable for a few days. Otherwise the month was uneventful.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

By E. A. Larson, Res. Manager

EAL:L

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

Defense Minerals Administration
RECEIVED
OCT - 8 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 2991 Contract No. IDM-R 558

Operator's Name Shenandoah-Dives Mining Company, Minerals Lead, Zinc, Copper

Address Silverton, 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								
Crosscutting	feet	14,335.50	285.0	27,338.05	543.5	50.30	3000	50.30
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
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 Sept. 3, 1953 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Res. Manager

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-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
OCT - 8 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1953 Docket No. DMEA 2991 Contract No. IDM-E 558
Operator's Name Shenandoah-Dives Mining Company, Minerals
Address Silverton, Colorado
Contract Amount, $ 211,900.00 Government Participation: 50 % Amount, $ 105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) [redacted] Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	14,335.50	13,002.55	27,338.05			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	14,335.50	13,002.55	27,338.05	14335.50	13,002.55	27,338.05

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

Date Sept. 3, 1953 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Res. Manager

*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:

$ 7167.75

Signature [signature]
(Authorized Certifying Officer)

Date 9/30/53 Voucher No. DMA 54-34

(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. 7dm-4558 in accordance with the terms of the contract.

Signature W. Dare $7,167.75 Title Mining Engineer Date 9-9-53

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

Signature W. H. King Title Executive Officer Date SEP 25 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.

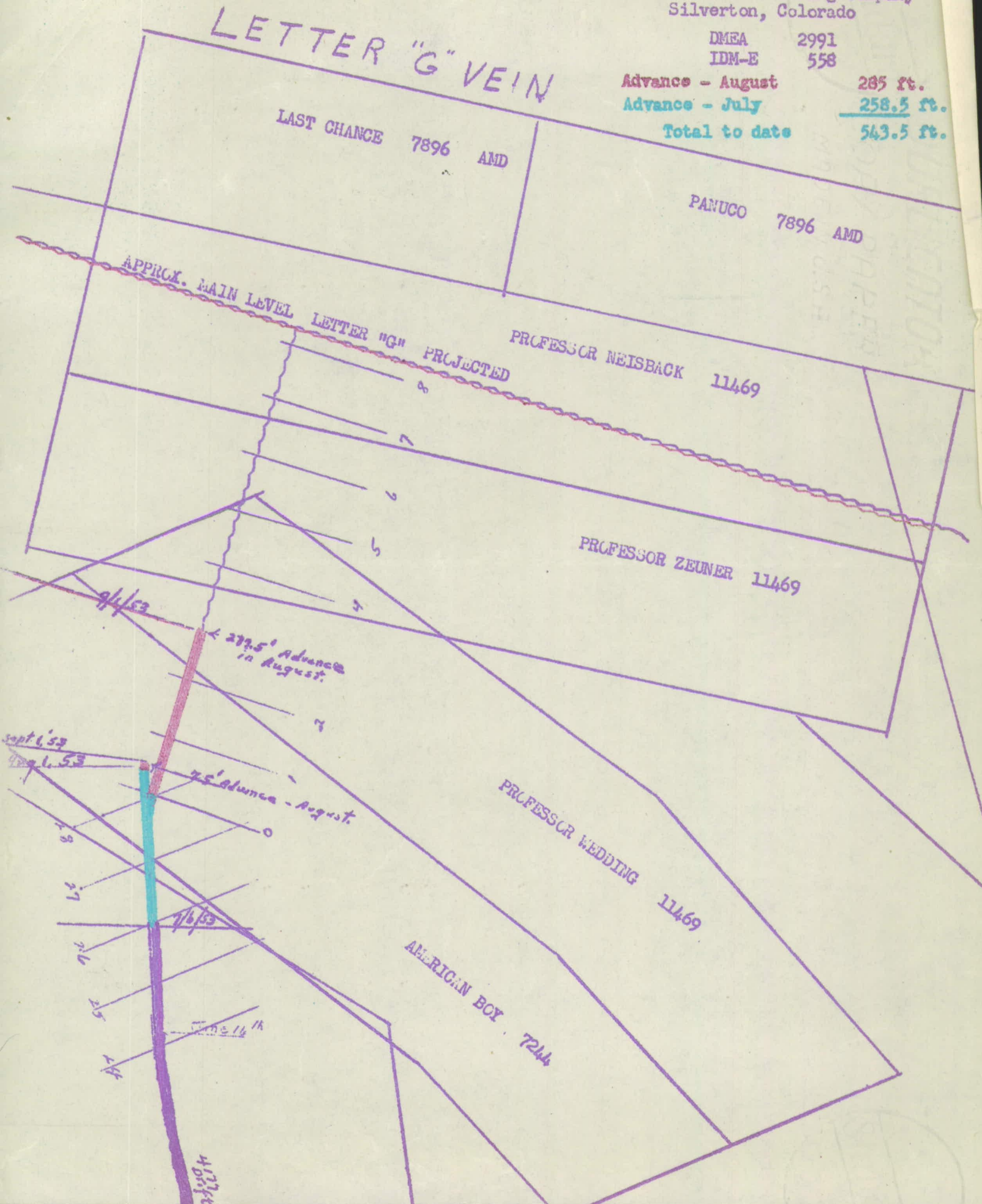
Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number 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

Shenandoah-Dives Mining Company
Silverton, Colorado

DMEA 2991
IDM-E 558

Advance - August	285 ft.
Advance - July	258.5 ft.
Total to date	543.5 ft.



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

224 New Customhouse
Denver 2, Colorado

September 14, 1953.

~~Smallwood~~
Betty

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2991, Contract Idm-E558 (Lead-Copper-Zinc), Shenandoah Dives Mining Company (Silver Lake Group), San Juan 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 DMEA Docket 2991, Contract Idm-E558 (Lead-Copper-Zinc), Shenandoah Dives Mining Company (Silver Lake Group), San Juan County, Colorado.

W. H. King
W. H. King

Enclosures

AB

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

224 New Customhouse
Denver 2, Colorado

September 3, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2991, Contract Idm-E558, Lead-Copper-Zinc), Shenandoah Dives Mining Co. (Silver Lake Group), San Juan County, Colorado - Operator's Monthly Progress Report for the period of 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 6, 1953
Date Received in Field Office....August 10, 1953
Date Received in Region Office...September 2, 1953

W. H. KING
W. H. King
W. H. King

Enclosures

RDB:jp
cc Sec. to Oper. Comm. (2) w/copies if report
WMTraver w/copy of report
Contract
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 1, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2991, Contract Idm-E558, (Silver Lake group, "G" vein), Shenandoah-Dives Mining Company, San Juan County, Colorado -- Progress report for July 1953

Enclosed are the original and four copies of the above progress report, the initial one--forms MF-104 and MF-104A, with narrative and progress map--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground progress and reporting forms. The contract is unit cost on short form MF-200(A). Documentation is not required.

Dare verifies the main or "4177" drift advance as 258.5 feet as reported in the narrative and entered on the MF-104A forms. Entries and extensions on both sets of reporting forms are confirmed.

Payment is approved and certified on the MF-104 form of $6,501.27, or 50 percent of the total $13,002.55 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 4
E558
DMEA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 25, 1953

Memorandum

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

From: W. L. Dare

Subject: DMEA 2991, Contract Idm-2558, (Silver Lake group, "G" vein), Shenandoah-Dives Mining Company, San Juan County, Colorado -- Progress report for July 1953

John Holmgren, mine superintendent, Shenandoah-Dives Mining Company, was contacted at the company office on August 20, 1953. July advance as reported is 258.5 feet. All of this advance was extending the "4177" main level. On the date of the inspection, this heading was advanced another 7.5 feet, to a total of 266.0 feet. The bearing of this heading is S. 8° E. At a distance of 60 feet back from the face, the crosscut was started on a bearing of S. 14° W. The crosscut was advanced to a total of 165 feet as of August 20, 1953.

Although the contract stated that drifting on the "4177" main level was to be approximately 400 feet, the operator drifted only 206 feet from where contract drifting began before he began his crosscutting. This was for the reason that between the time of the initial examination and the time when the DMEA starting point was located, the operator was advancing the drift at his own expense, and the point where the crosscutting was planned to start was reached after 206 feet of DMEA drifting. The 60 feet of additional drifting provides a needed and convenient car switch and provides room for 5 Granby-type 5-ton cars.

The operator is using a company-made jumbo. Two 4-inch columns are attached so as to pivot near the bottom on a 5-foot boom extending from the front of a flat-bed car. When the jumbo is taken to the face, the foot plates are blocked and the pneumatic stingers take hold in the back. When moving the jumbo, the columns are pivoted back from the top to rest on two saddles attached to the front of the car. Two Gardner-Denver B-93, 3-1/2-inch, drifting machines are used on the jumbo. It takes the crew from 20 to 30 minutes to move the mucking machine from the face until the jumbo is set up for drilling.

A steel and tool car is coupled behind the jumbo to provide easy accessibility to steel and tools. Three men make up the drill crew; two drillers and one chuck tender. Carbide insert bits are used. The 30-hole drift round is completed in 2 to 2-1/2 hours. Average footage pulled per round in July was 5.12 feet.

Larson, general manager, reported that a survey crew will start locating the open ground in question on September 3, 1953.

Payment is recommended as $6,501.27, which is 50 percent of the allowable $13,002.55 claimed.

for W. M. Chaver

W. L. Dare
Mining Engineer

WLD/kp

cc 6
E558
DMEA Chron

SHENANDOAH-DIVES MINING COMPANY
Silverton, Colorado.

Aug. 6th 1953

Mr. W. M. Traver,
Chief, Mineral Resources Branch,
Mining Division Bureau of Mines,
Building 20, Denver Federal Center,
Denver, Colo.

RE: DMEA 2991
IDM-E 558

Dear Sir:

Attached hereto, I present:-

Operators Unit Cost & Progress report, form No. 104-A
Operators Monthly Report & Voucher, form No. M.F. 104
Claim & Project map showing advance for period July 6th-July 31st, Inclusive.

Advance for the period, July 6th-31st, was 258.5 feet for an average of 11.24 ft/day plus 40 tons of slabbing for a switch and the turn. A total of 1,527 tons of waste hauled and dumped into an old stope below Shenandoah Main Level at 2 co-or.

In the 27 block we cut through diagonally 3 quartz stringers showing some pyrite. The ground has changed in the last hne hundred feet, becoming much harder. Water pressure, especially along the quartz seams gave some trouble. Pressure would build up and force explosives from some drill holes before the round could be detonated.

There were no lost time accidents. Two minor injuries, a sprained thumb and a broken finger were reported.

Yours truly,

SHENANDOAH-DIVES MINING COMPANY

By E. A. Larson, Res. Manager

Docket Copy

EXPLORATION PROJECT CONTRACT
SHENANDOAH-DIVES MINING CO.
DOCKET NO. DMEA-2991

AMENDMENT NO. 2

It is agreed this 16th day of March, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the Government, and Shenandoah-Dives Mining Co., hereinafter called the Operator, parties to that certain Exploration Project Contract IDM-8558, Docket No. DMEA-2991, dated June 26, 1953, as amended, hereinafter called the Contract, that:

1. (a) Work under the Contract shall be suspended during the period beginning May 19, 1954, and ending not later than June 26, 1955.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government, and the Government shall not contribute to any costs of rehabilitation or repair which, in its opinion, would not have occurred if there had been no suspension of the work.

(c) The Operator at his own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

2. The time fixed for the completion of the work is extended to June 26, 1956.

3. Annex I attached to the Contract is deleted, and Annex II, attached hereto and made a part hereof, is substituted for the provisions of Article 6 of the Contract form.

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

... In Article 7, that part of the second sentence which begins with the word Provided is deleted.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C O Mitteudorf
Administrator, Defense Minerals
Exploration Administration

SHENANDOAH-DIVES MINING CO.

By _____

_____

Russell
Selfridge
G J Robson
Talbert

ANNEX II

The following provisions are in lieu of Article 6 :

Repayment by Operator.--a. Certification.--If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Royalty on production.--The Operator, as principal, if the Operator is the producer, or as surety, if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land* as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years# from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

c. Basis for computation.--The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight paid by the buyer to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the

* The word "land" refers to the land described in Article 2 of the Contract.

The period "twelve years" is substituted for the period "ten years."

Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the raw ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

d. Unsold production.--If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

e. Percentages of royalty.--The percentages of the Government's royalty shall be as follows:

> One and one-half ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.
>
> (For instance: the royalty on an amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

f. Lien for payment.--To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

g. Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

h. No obligation to produce.--Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

i. Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

IF-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 2991 Contract No. IDM-2 558

Operator's Name Shenandoah-Dives Mining Company Minerals Lead, Zinc, Copper

Address Silverton, 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								
Crosscutting	feet	13,002.55	258.5	13,002.55	258.5	50.30	3,000	50.30
Raising							500	122.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								211,900.00

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 Aug. 6th 1953 Operator Shenandoah-Dives Mining Co.

Per [signature] Title Res. Manager

REMARKS: First Month: Work started under contract July 6th 1953

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-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 2991 Contract No. IBM-E 558
Operator's Name Shenandoah-Dives Mining Company Minerals Lead, Zinc, Copper
Address Silverton, Colorado
Contract Amount, $ 211,900.00 Government Participation: 50 % Amount, $ 105,950.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) [redacted] Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	13,002.55	None	13,002.55			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	13,002.55	none	13,002.55	13,002.55		13,002.55

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

Date Aug. 6th 1953 *Payee Shenandoah-Dives Mining Company

Per [signature] Title Res. Manager

*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.

AD

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:

$ 6501.28

Signature [signature]
(Authorized Certifying Officer)

Date 9/9/53 Vou. No. DMA 54-25

(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-E558 in accordance with the terms of the contract.

Signature W. Dare $6501.27 Title Mining Engineer Date 8-25-53

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

Signature W. L. King Title Executive Officer Date SEP 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

Shenandoah-Dives Mining Company,
Silverton, Colorado

DWG. 2991
IDM-E 558

258.5' Advance _____ July 6th-31st Incl.