DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Base Metals

Report Period through December 31, 1957

DMEA No.	Operator	Contract No.
67X	Murray A. Schutz (Grow Marshall Mining Co)	Idm-E-153

ORE ESTIMATES

	Tons	Analysis
DMEA	31,000	3.5% Cu
Operator to date	6,000	
Total	37,000	
Production to date	19,229	
Ore in ground	17,771	

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes	4'x9'		137	$ 12,000
Drifts and Crosscuts	5'x7'		487	17,045
Raises	4'x7'		60	2,100
Drilling	Type	Churn 6"	1,000	7,000
		D.D. Ex.	1,000	5,000
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Mine ceased operations August 1957 due to low price of copper.

Prepared by W. P. Klepacheck Date 3/12/58.

31398

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the period January 1, 1957 to June 30, 1957.

Base Metals Division Date **August 5, 1957.**

Semi-Annual Report - Certified Project Date **September 5, 1957.**

DMEA No. 67X Operator **Murray A. Schutz** Contract No. Idm-E 153

Leased to: J. A. Terteling & Sons, Boise, Idaho

Reverted to: Marshall Mining Company.

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	3[illegible]	
Increase (Operator)	6000	
Total	3900[illegible]	
Decrease (Production)	18 3[illegible] ~~3,435~~	4.0% Cu.
Net Available	18 6[illegible]	

Investment

Shafts

Size	Feet	Cost

Winzes

Size	Feet	Cost
4'x9'	137	12000

Drifts & Crosscuts

Size	Feet	Cost
5'x7'	~~85~~ 337	~~$3,000.00~~ 11,800.

Raises

Size	Feet	Cost
4'x7'	60	2100

Drilling

Type & Size	Feet	Cost
Churn 6"	1000	7000
D.D.E.X	1000	5000

Rehabilitation

Description	Cost

Facilities

Mine Plant

Description	Cost

Mill

Description	Cost

Roads

Description	Cost

Remarks

The 85 feet of new drifting failed to disclose any new ore.
The mine reverted to the Marshall Mining Company on February 4, 1957.

W. P. Klugescheid

100338

DEFENSE MINERALS EXPLORATION ADMINISTRATION
For the Period July 1 - December 31, 1956.

Base Metals Division Date May 24, 1957

Semi-Annual Report - Certified Project Date December 31, 1956

DMEA No. 67X Operator Murray A. Schutz Contract No. Idm-E 153

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)	6,000	4.0% Cu.
Total		
Decrease (Production)	4,062	
Net Available		

Investment

Shafts

Size	Feet	Cost

Winzes

Size	Feet	Cost
4'x9'	137	$12,000.00

Drifts & Crosscuts

Size	Feet	Cost
5'x7'	252	$8,800.00

Raises

Size	Feet	Cost
4'x7'	60	$2,100.00

Drilling

Type & Size	Feet	Cost
churn 6"	1,000	$7,000.00
D.D. EX	1,000	5,000.00

Rehabilitation

Description	Cost

Facilities

Mine Plant

Description	Cost

Mill

Description	Cost

Roads

Description	Cost

Remarks

Exploration on 100-foot winze below and above 110 level disclosed additional ore. Operations carried on by Terteling.

W. F. Klugescheid/er

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the Period January 1 to June 30, 1956

Base Metals Division WPK/er Date August 1, 1956

Semi-Annual Report - Certified Project Date June 30, 1956

DMEA No. 67X Operator Murray A. Schutz Contract No. Idm-E 153

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)	None	
Total		
Decrease (Production) to date	10,867 Tons	
Net Available	20,133 tons	3.5% Cu. and some Ag.

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Continued mining activities in the old stopes. No exploration work being done at present. Eight men currently employed.

Present work being done by J. A. Terteling & Sons of Boise, Idaho.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

To January 1, 1956

Base Metals MK Division Date June 21, 1956

Semi-Annual Report - Certified Project Date December 31, 1956

DMEA No. 67X Operator Murray A. Schutz Contract No. Idm-E 153

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production)	8,445	Cross value $126,210.69
Net Available	24,000	3.5% Cu. and some Ag.

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Property reverted to the Marshall Mining Company, and is under a lease and option agreement to J. A. Terteling and Sons of Boise, Idaho. The present lessees have made one shipment to date. Lease did not become effective until April 9, 1956. 882 tons shipped from July to December.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

REGISTERED MAIL
RETURN RECEIPT REQUESTED

March 29, 1966

ORIGINAL COPY
O. & G.
RECEIVED
APR 11 1966

4/11/66 120
120
HK
BMA
320

Re: DMEA-67 (Copper)
Marshall Mining Co.
Marshall Mine
Elko County, Nevada
Amended Contract Idm-E153

Mr. Maurice M. Marshall
Marshall Mining Co.
2721 Trousdale Drive
Burlingame, California

Dear Sir:

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,

Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

MME Form 63
Revised 7-65

DMEA-67
Idm-E153

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

From September 1964 to September 19, 1965,

1. ~~Since~~ , 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 ☒

From September 1964 to September 19, 1965,

2. ~~Since~~ , 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

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 ☐

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

Disposition of Material	Quantity	Value

Submitted by:

Name Marvin M. Marshall Title Partner

Address 2721 Trousdale Dr Date

Burlingame, Calif.

220

67

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☒ Show address where delivered

(Additional charges required for these services)

APR 4 1966 BURLINGTON, VT.

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

X Mrs. M. M. Marshall

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED	SHOW WHERE DELIVERED *(only if requested)*
4/4/66	X 2721 Farmdale Dr

C55—16—71548-5—F GPO

DMEA - 67

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

January 27, 1966

Mr. Maurice M. Marshall
Marshall Mining Co.,
2721 Trousdale Drive
Burlingame, California

Re: DMEA-67 (Copper)
Marshall Mining Co.
Marshall Mine
Elko County, Nevada
Amended Contract Idm-E153

OFFICIAL COPY
O. M. E.
RECEIVED
APR 5 1966
INITIALS CODE
110
120 M

Dear Sir:

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,

Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

From September 1964 to September 19, 1965,

1. ~~Since~~ _____, 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 ☒

From September 1964 to September 19, 1965,

2. ~~Since~~ _____, 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

   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 ☒

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

Disposition of Material	Quantity	Value

Submitted by: Maurice M. Marshall

Name Marshall Mining Co. Title Partner

Address 2721 Trousdale Drive Date March 27, 1966

Burlingame, Calif.

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

September 14, 1964

Re: DMEA-67 (Copper)
Marshall Mining Co.
Marshall Mine
Elko County, Nevada
Amended Contract Idm-E153

Mr. Maurice M. Marshall
Marshall Mining Co.
2721 Trousdale Drive
Burlingame, California

Dear Sir:

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,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 28 1964

DATE	INITIALS	CODE
9/29		100
9/29		~~110~~
		120
		~~120~~
		220

MME Form 63
Revised 3-62

DMEA-67
Idm-E153

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since August 1963, 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 August 1963, 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

   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 Maurice M. Marshall Title Partner

Address 2721 Trousdale Dr, Burlingame, Cal. Date Sept 23, 196X

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

August 14, 1963

OFFICIAL FILE COPY
O. M. E
RECEIVED AUG 26 1963

DATE	INITIALS	
8/26		504
	Received	500
		210

Re: DMEA-67 (Copper)
Marshall Mining Co.
Elko County, Nevada
Amended Contract Idm-E153

OK for 1964

Mr. Maurice M. Marshall
Marshall Mining Co.
2721 Trousdale Drive
Burlingame, California

Dear Sir:

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 October 15, 1962 , 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 October 15, 1962 , 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

   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 Marion M. Marshall Title Partner

Address 2721 Trousdale Dr. Burlingame, Calif. Date Aug. 21, 1963

4511

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date 2/4

Referred to:

1. ~~Mr. Mitchell~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chapman~~
4. Docket Control Mails and Files
5. ~~Division~~
6. ~~Docket Control Mails and Files~~

~~7500~~

Note comments in report regarding:

1. Investment data
2. Revised reserves
3.
4.

and take appropriate action.

- - - - - - - - - -

Action taken by Division:

Robert E. Adams

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/57 - 12/31/57 Date of Examination 12/31/57

Operator Marshall Mining Company

Mine Name Marshall Mine

County and State Elko County, Nevada

Docket Number and Commodity DMA-67X (Copper)

Contract Number Idm-E 153

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 3 1958

DATE	INITIALS	CODE
2/4	C	220
~~2/6~~	~~Rly~~	~~[illegible]~~

Date of Contract 9/19/51

Date of Certification 3/16/53 and 2/17/56

Expiration Date of Royalty Payments 9/19/65

Total Amount of Contract $74,621.37

Total Expenditures under Contract $73,716.31

Amount of Government Participation at 50% $36,863.15

Royalty Payments this Period $97.66

Previous Royalty Payments $9,948.26

Total Royalty Payments to Date $10,045.92

Percent Government Participation Repaid 27.24%

Royalty Due on Production to Date None

Royalty Remarks: Royalties paid on all shipments previous to termination of mine activities.

DMA-67X Idm-E 153 (Amended)

				Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report)	Mines [ ]	Survey [ ]	Joint [X]	31,000	3.5% Cu
Revised Estimate of DMEA Reserves (Field Team)	Mines [X]	Survey [ ]	Joint [ ]	37,000	3.5% Cu.
Increase of Reserves by work performed subsequent to DMEA project work				6,000	4.0% Cu.
Production DMEA ore	(This Period)			865	2.7% Cu.
	(Previous)			18,364	3.7% Cu.
	(To date)			19,229	3.6% Cu.
Operator's ore found subsequent to DMEA work	(This period)			-	-
	(Previous)			-	-
	(To date)			-	-

Percent Revised Reserves mined 52%

Investment Data

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
			4'x9'	137	$12,000	5'x7'	487	$17,045.

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost
4'x7'	60	$2,100.	Churn 6"	1,000	$7,000.		
			D.D. Ex	1,000	$5,000.		

Mine Plant		Facilities: Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Mine ceased operations August, 1957 due to the low price of copper. Intermittent minor maintenance operations.

Signed: [signature] (Engineer)
FOR: Henry W. Jones

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT
Date 29 JAN 1957

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~Bus. Mgr.~~ Divisio
6. Docket Control Mails and Files

Note comments in report regarding:

1. Reserves up
2. Investment data
3. Not DMEA
4. [illegible]

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

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

September 21, 1962

Re: DMEA-67 (Copper)
Marshall Mining Company
Marshall Mine
Elko County, Nevada
Amended Contract Idm-E153

Marshall Mining Company
36 Fifth Street
San Francisco, California

Gentlemen:

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

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 19 1962

DATE	INITIALS	CODE
10/19		800
10/19		100
10/19		110
		~~500~~
		220

MME Form 63
Revised 3-62

DMEA-67
Idm-E153

REQUEST FOR INFORMATION ON CERTIFIED PROJECT
AND PROJECT UNDER ROYALTY AGREEMENT

1. Since **September 1, 1961**, 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 **September 1, 1961**, 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

   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 Maurice M. Marshall Title Partner

Address 2721 Ironsdale Drive Date Oct 15, 1962

Burlingame Calif.

new address for Marshall Mining Co 4572

ACTION ON INTERIM
OR FINAL FIELD EXAMINER REPORT

Date 6/7

Referred to:

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

Note comments in report regarding:

1. Small increase in reserves
2.
3. Moderate investments
4.

and take appropriate action.

- - - - - - - - -

Action taken by Division:

Robert P. Adams

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/57 - 6/30/57 Date of Examination 6/30/57

Operator Marshall Mining Co. Assignee: Murray A. Schutz, Leased to: J. A. Terteling & Sons, Boise, Idaho. Reverted to: Marshall Mining Company.

Mine Name Marshall Mine

County and State Elko County, Nevada

Docket Number and Commodity DMA-67X (Copper)

Contract Number Idm-E 153

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE
8/5	Com	100

Date of Contract 9/19/51

Date of Certification 3/16/53

Expiration Date of Royalty Payments 9/19/65

Total Amount of Contract $74,621.37

Total Expenditures under Contract $73,716.31

Amount of Government Participation at 50% $36,863.15

Royalty Payments this Period $2,661.26

Previous Royalty Payments $7,287.00

Total Royalty Payments to Date $9,948.26

Percent Government Participation Repaid 27%

Royalty Due on Production to Date -0-

Royalty Remarks: Paid promptly upon receipt of smelter returns by the Operator.

DMA-67X Idm-E 153 (Amended) Marshall Mining Co.

				Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report)	Mines [ ]	Survey [ ]	Joint [X]	31,000	3.5% Cu.
Revised Estimate of DMEA Reserves (Field Team)	Mines [X]	Survey [ ]	Joint [ ]	37,000	3.5
Increase of Reserves by work performed subsequent to DMEA project work				6,000	4.0
Production DMEA ore	(This period)			3,435	4.0
	(Previous)			14,929	3.5
	(To date)			18,364	3.7
Operator's ore found subsequent to DMEA work	(This period)				
	(Previous)				
	(To date)				

Percent Revised Reserves mined 49.6%

Investment Data

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
			4'x9'	137	$12,000.	5'x7'	337	$11,800.

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost
4'x7'	60	$2,100.	Churn 6"	1,000	$7,000.		
			D.D. Ex	1,000	$5,000.		

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Seven men currently employed. Stoping off the 100-foot winze below Ilo level. Eighty-five feet of new drifting to west failed to disclose added ore reserves. The mine reverted back to Marshall Mining Company February 4, 1957. Increase reserves disclosed in winze.

Signed Henry W. Jones (Engineer)

Henry W. Jones

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/56 - 12/31/56 Date of Examination 12/31/56

Operator Marshall Mining Co.; Murray A. Schutz, Assignee; Leased to J. A. Terteling & Sons, Boise, Idaho

Mine Name Marshall Mine

County and State Elko County, Nevada

Docket Number and Commodity DMA-67X (Copper)

Contract Number Idm-E 153 (Amended)

RECEIVED JAN 28 1957 D.M.E.A.

Date of Contract 9/19/51

Date of Certification 3/16/53

Expiration Date of Royalty Payments 9/19/65

Total Amount of Contract $74,621.37

Total Expenditures under Contract $73,716.31

Amount of Government Participation at 50 % $36,863.15

Royalty Payments this Period $2,384.53

Previous Royalty Payments $4,902.47

Total Royalty Payments to Date $7,287.00

Percent Government Participation Repaid 19.8%

Royalty Due on Production to Date 0

Royalty Remarks: Royalty payments are made promptly after smelter returns are received by the Operator.

Marshall Mine Contract Idm-E 153 DMEA-67X

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines / ___ / Survey / ___ / Joint / x /	31,000	3.5% Cu.
Revised Estimate of DMEA Reserves (Field Team) Mines / x / Survey / ___ / Joint / ___ /	37,000	3.5% Cu.
Increase of Reserves by work performed subsequent to DMEA project work	6,000	4. % Cu.
Production DMEA ore (This period)	4,062	3.5%
(Previous)	10,867	3.5%
(To date)	14,929	3.5%
Operator's ore found subsequent to DMEA work (This period)		
(Previous)		
(To date)		

Percent Revised Reserves mined 40.3%

Investment Data

Shafts

Size	Feet	Cost

Winzes

Size	Feet	Cost
4'x9'	137	$12,000.00

Drifts & Crosscuts

Size	Feet	Cost
5'x7'	252	$8,800.00

Raises

Size	Feet	Cost
4'x7'	60	$2,100.00

Drilling

Type & Size	Feet	Cost
Churn 6"	1,000	$7,000.00
D.D.EX	1,000	$5,000.00

Rehabilitation

Description	Cost

Mine Plant

Description	Cost

Facilities

Mill

Description	Cost

Roads

Description	Cost

Remarks

Exploration on 100-foot winze below 110 level and to the west at No. 7 stope above the 110 level disclosed additional ore reserves. Churn drilling performed on the surface in an attempt to extend known ore zones. Diamond drill probing for Dunkel extension - negative results. Twelve men currently employed. Average three rail cars per week shipped. Production data given to November 29, 1956.

Signed H. W. Jones, (Engineer)

DMEA

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

RECEIVED
OCT - 4 1956

1605 Evans Avenue
Reno, Nevada

October 1, 1956

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-67X (Copper)
Murray A. Schutz
Assignee of Marshall Mining Co.
Marshall Mine
Elko County, Nevada
Amended Contract No. Idm-E 153
(Your letter, August 6, 1956)

Following are production figures on subject property under subject DMEA contract:

PRODUCTION DATA

Date	Tonnage, Dry Tons	Copper, Pounds	Grade Percent copper
1917-1946, Incl.	16,330	1,141,561	3.5
1952	469	53,908	5.75
1953	5,308	477,966	4.5
1954	1,784	113,600	3.2
1955	1,699 1/	77,682	2.3
Jan. 1-June 30, 1956	2,009 2/	134,887	3.33 2/
Totals	11, 269	858,043	(av.) 3.8

1/ Semi-annual report, July 1 - Dec. 31, 1955, gave 882.47 tons which represented data from all settlement sheets received in DMEA office by January 1, 1956. True tonnage figure was obtained later when all returns were in.

2/ Semi=annual report, Jan. 1-June 30, 1956, gave 2,422 tons with estimated 3.5% grade. These figures were corrected as shown.

You will note that in order to keep our semi-annual reports on as current a basis as possible, an estimate toward the end of the period is necessary. Our total estimated DMEA production, as of 6/30/56 semi-annual report, was 10,867 tons of 3.5 percent copper ore compared to our revised figures of 11,269 tons of 3.8 percent copper ore. We endeavor to make it a practise of checking these figures with the Bureau of Mines statistics in San Francisco.

I believe that, except for royalty auditing purposes, our semi-annual report was fairly accurate.

S. Ricker

BUREAU OF MINES
WASHINGTON, D. C.

OCT 4 9 39 AM '56

Original Estimate of Reserves
DMEA Final Report

	Tons	Grade
Measured:		
Indicated:	31,000	3.5% Cu
Inferred:		

Increase (or Decrease) of Reserves
Work performed subsequent to original and last Field Team estimate:

	Tons	Grade
Measured:	-0-	
Indicated:	-0-	
Inferred:	-0-	
Revised Estimate of Reserves	20,133	
Production this Period	2,422	3.5% Cu
Amount of Previous Production	8,445	3.5% Cu
Total DMEA Production to Date	10,867	3.5% Cu

Production Remarks: Continued mining activities in old stopes. No exploration work being done at present. Eight men currently employed.

Other Remarks:

Signed Walter Bank

for Henry W. Jones

159

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/56 - 6/30/56 Date of Examination 6/30/56

Operator Marshall Mining Co.; Murray A. Schutz, Assignee; leased to J. A. Terteling & Sons Boise, Idaho.

Mine Name Marshall Mine

County and State Elko County, Nevada

Docket Number and Commodity DMA-67X (Copper)

Contract Number Idm-E153 (amended)

Date of Contract 9/19/51

Date of Certification 3/16/53

Expiration Date of Royalty Payments 9/19/65

Total Amount of Contract $74,621.37

Total Expenditures under Contract $73,716.31

Amount of Government Participation at 50 % $36,863.15

Royalty Payments this Period $1,499.30

Previous Royalty Payments $3,403.17

Total Royalty Payments to Date $4,902.47

Percent Government Participation Repaid 13.3

RECEIVED
JUL 26 1956

Royalty Due on Production to Date -0-

Royalty Remarks: Royalties have been paid promptly as smelter returns are received by operator.

S. Ricker, Executive Officer, DMEA Field Team, Region II

May 22, 1956

Henry W. Jones, Mining Engineer, DMEA, Region II

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MAY 25 1956

Docket No. DMA-67X (Copper)
Murray A. Schutz (Assignee of Marshall Mining Co.
Marshall Mine, Elko County, Nevada
Amended contract No. Idm-E153

The property was visited May 9, 1956 regarding the shipment of dump material. (Memo dated May 2, 1956 from S. Ricker to Operating Committee)

The mine is presently under a lease and option agreement to J. A. Terteling & Sons, Box 1428, Boise, Idaho. Mr. Lee Bricker, foreman in charge, stated that to the best of his knowledge, the dumps, shipped by Mr. Marshall, were old and predated the contract by several years.

Royalty payments have been made on all shipments produced as a result of the DMEA project.

Henry W. Jones

Henry W. Jones

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAY 25 1956

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date 5/23/56

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on

Docket No. DMEA-67X

Contract No. Idm-E153

Commodity Copper

Operator Murray A. Schutz (Assignee of Marshall Mining Co.)

Property Marshall Mine, Elko Co., Nev.

By Henry W. Jones

Dated 5/22/56

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith, USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

BUREAU OF MINES
WASHINGTON, D. C.
MAY 25 9 09 AM '56

REGION II
SEMI-ANNUAL REPORT
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 17 1956

Docket No.: DMA-67X

Date: 12/31/55

Contract No.: Idm-E153 (am)

Operator: Marshall Mining Co.,
Murray A. Schutz (Assignee)
1355 Bay Street
San Francisco, Calif.

Nevada Belvue
Elko County,
Nevada

Date of Contract: 9/19/51

Completion Date: 10/6/55

	Total	Expenditures	Gov't Participation
Amount of Contract:	$74,621.37	$73,716.31	$36,863.15

Date Certified: 3/16/53

Estimated Reserves

DMEA Project	Tons	Grade	Gross Value
Measured: Indicated: Inferred:	31,000	3.5% Cu	$933,100.00
January 1, 1956			
Measured: Indicated: Inferred:	24,000	3.5% Cu	$722,400.00

	This Period	Todate	Gross Value
Production:	882.47 tons	8,445 tons	$126,210.69

	This Period	Todate	Percent Payment
Royalty:	$204.19	$3,403.17	9.2

Status: The agreement between Maurice Marshall and Murray A. Schutz has been cancelled and Maurice Marshall is currently operating the property and producing from old stopes and mine dumps. In the meantime, work was discontinued by Schutz after 956 feet of drifting. The Dunkle vein had not yet been intersected. 29.6 feet of drifting allotted in the contract was uncompleted. An endeavor is being made to have Maurice Marshall put in some long holes at his own expense to search for the Dunkle vein.

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

RECEIVED
DEC 12 1955

1605 Evans Avenue
Reno, Nevada

December 9, 1955

Memorandum

Hlagerschield
Betty

To: Lloyd Sjolander, Finance Officer, Region II

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMA-67X (Copper)
Murray A. Schutz
Marshall Mining Co. (Marshall Mine)
Elko County, Nevada
Contract No. Idm-E153 (amended)

Reference is made to my memorandum of October 26, 1955 in which were enclosed MF-104 and MF-104A forms for months of September and October on above cited contract.

Attached are three copies of letter from Murray Schutz (American Western Exploration Company) dated December 5, 1955 in which this agrees with our last measurement of advance. Will you therefore pay for the 22 feet as suggested in my memorandum of October 26, 1955. The amount due the Operator would I believe be $332.75 instead of $332.64 as stated in letter from Murray Schutz.

S. Ricker

Attach.

SRicker:gh
cc: Opr. Com., DMEA, Wash., D.C.
H. C. Miller
Geo. Mavor
R. M. Smith
File

S. Ricker, Executive Officer, DMEA, Reg. II 12/8/55

RECEIVED
DEC 12 1955

Henry W. Jones, Mining Engineer, DMEA, Region II

Docket No. DMA-67X (Copper)
Marshall Mine
Elko County, Nevada
Contract No. Idm-E153

Assigned to: Murray A. Schutz, Pres.,
American Western Exploration Co
127 Montgomery Street
San Francisco, California

The Marshall Mine was visited November 30, 1955 in company with Murray A. Schutz, assignee, and Jacob Porter, engineer in charge for Mr. Schutz.

The purpose of the visit was to verify the footage reported in interim report of November 22, 1955. Careful steel tape measurements were taken of the advance made under the DMEA contract and the total footage was checked. The 986 feet advance reported by the Bureau engineer was verified and accepted by the Operator.

Henry W. Jones
Henry W. Jones
Mining Engineer

American Western Exploration Company

(A CALIFORNIA CORPORATION)

127 Montgomery Street • San Francisco 4

YUkon 6-4078

REFER TO	REPLY BY	DATE
Ricker		12/2/55
ANSWERED		

December 5, 1955

Mr. S. Ricker
Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMA-67X (Copper)
Murray A. Schutz
Marshall Mining Co. (Marshall Mine)
Elko County, Nevada
Contract No. Idm-E153 (amended)

Dear Mr. Ricker:

This is to confirm our conversation in Reno on Thursday evening, December 1st, to the effect that your engineer, Mr. Jones, and I measured the work done under the DMEA project at the Marshall Mine, Contact, Nevada, and checked the total length at 986 feet.

The last check which we received from Sjolander's office paid us up to 964 feet, so we calculate that we have coming to us the payment for 22 feet, which at $15.12 per foot amounts to $332.64. We shall appreciate it very much if you will ask Mr. Sjolander to remit at his early convenience.

Very truly yours,

AMERICAN WESTERN EXPLORATION COMPANY

Murray Schutz

By J. B. Porter

JBP/mb

October 18, 1955

RECEIVED
OCT 23 1955

Mr. S. Ricker, Executive Officer
DMEA Field Team, Region II
1605 Evans Ave.
Reno, Nevada

Dear Mr. Ricker:

Enclosed herewith are five copies each of our "Operator's Unit Cost and Progress Report" and the "Operator's Monthly Report and Voucher" for September and part of October. This is the final report because according to our measurements there are only some seven feet of cross-cut left in the contract and since there was no indication of ore in the face when I visited Contact on Friday October 14th, we see no reason for doing any more cross-cutting until we have done some diamond core drilling, which we intend to do in the very near future.

I have measured the work done under Docket 67X, part with a transit and steel tape, part with a metallic tape and came up with a total of 1,008.8 feet, 756 feet of this is along the center line of the main cross-cut from your station #892 to the present face of the tunnel; 111.6 feet in the north cross-cut; 106.2 feet in the south cross-cut and 35 feet in the stub drift which was started by the Marshalls and abandoned shortly before we took over the job.

Since we were allowed only 964 feet as of the end of August, according to our figures we are entitled to payment for 44 feet instead of the 30 feet shown on the enclosed forms.

I shall appreciate it very much if you will ask your engineers to advise me of any discrepancy between their measurements and mine.

When I examined the face of the cross-cut on October 14, it was still in blocky granodiorite showing considerable iron stain along a slip and more moisture but no copper. Since we are now in a favorable location for core drilling both to the NW and to the SE we feel their is no point in additional cross-cutting until we have located the vein or veins with the core drill.

We intend to drill three holes each 150 feet long on the bearings North 15 West, North 30 West and North 45 degrees West from the present face of the cross-cut and three holes SE at 180° to the first three. This will make a total of 900 feet of core drilling which we estimate will cost $6.00 per foot, or $5,400.00 total.

Naturally we would like very much to have the DMEA lend us 50% of this drilling cost, however since our agreement with the owners of the property provides that we do this drilling before December 6th of this year, we obviously must have prompt approval of the project. Will you please let us know whether it can be arranged within a time which will permit us to complete the work before December 6th.

Very truly yours,

AMERICAN WESTERN EXPLORATION CO.

Murray A. Schutz
by

J.B. Porter

cc
Encl.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS OCT 27 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Final Report

Month of Sept. & Oct., 1955 Docket No. DMEA 67X DEC 23 Contract No. I DMB-153

Operator's Name Murray A. Schutz Minerals (REDACTED) COPPER

Address 127 Montgomery St. San Francisco, Calif.

Contract Amount, $ 30,721.57 Government Participation: 30 % Amount, $ 15,360.70

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	907.50	29,684.50	30,492.00	665.50	29,161.00	29,826.50
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	907.50	29,684.50	30,492.00	665.50	29,161.00	29,826.50

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Betty

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

Date Oct. 17/55 *Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$ 332 75

Signature Lloyd H. Sjolander
Authorized Certifying Officer
(Authorized Certifying Officer)

Date DEC 15 1955 Vou. No. SF-DMEA-22

(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-E153 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date 10/19/55

Henry W. Jones

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date 10/19/55

S. Ricker

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED DEC 23 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Final Report

Month of Sept.-Oct. 195 Docket No. DMEA 67X Contract No. I DMC-163 (AMENDED)

Operator's Name Murray A. Schutz Minerals COPPER

Address 127 Montgomery St. San Francisco, Calif.

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	1'	607.50	30'	30,402.00	1009	30.25	1015.6	30.25
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Less suspension		-242.00	-8					
Total Distributed Costs		665.50	22	29,826.50	986			Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		~~XXXXXX~~ 665.50		~~XXXXXXXX~~ 29,826.50				30,721.37

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. 17/55 Operator Murray A. Schutz

Per [signature] Title Operator

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)

Henry W. Jones

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

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NOV 28 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1693 Evans Avenue
Reno, Nevada

Date 11/23/55

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA 67X

Contract Idm-E 153

Commodity Copper

Operator - Murray A. Schutz, Pres.,
American Western Exploration Co.
Property - Nevada Belevue (Marshall Mine)
Elko County, Nevada

By Henry W. Jones

Dated 11/22/55

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith--USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

BUREAU OF MINES
WASHINGTON, D. C.

Nov 28 9 55 AM '55

RECEIVED
NOV 18 1955

INTERIM REPORT

Docket No.: DMA-67X (Copper) November 22, 1955

Name and address of operator: Marshall Mining Co.
Contact, Nevada

Assigned to: Murray A. Schutz, Pres.
American Western Exploration Co.
127 Montgomery Street
San Francisco, California

Name and location of property: Nevada Belevue Mine (Marshall Mine)
Elko County, Nevada

Contract No.: Idm-E153

The Marshall mine was visited October 20, 1955 in company with R. W. Osterstock, geologist, U. S. Geological Survey, to make final examination of work completed by the operators.

Maurice M. Marshall took over operations at the mine October 6, 1955 after payment default by Murray A. Schutz, president, American Western Exploration Co. Prior to this date, however, the drift had been advanced on a N. 65° W. heading an additional 22 feet for a total advance of 985.66 feet. There was no mineralization noted in the advance. There is 29.94 feet of drifting remaining under terms of the contract.

On date of October 18, 1955 Mr. Schutz submitted final narrative report and payment vouchers in which he reported a total advance of 1,008.8 feet and requested an additional loan of $5,400.00 for 900 feet of diamond drilling from the present face of the adit to explore for the extension of the Dunkle vein.

Until we have more definite data regarding the outcome of the negotiations between Mr. Marshall and Schutz, further action by the Government should be held in abeyance.

Mr. Marshall has in the meantime expressed his intention of doing some work on his own account to explore for the Dunkle vein by long-hole drilling.

Mr. Schutz has also been requested to send his engineer to the mine in order to check, in company with one of the DMEA engineers, the discrepancy between his measurement and the Government's. To date, we have had no reply to our request.

Henry W. Jones

Henry W. Jones
Mining Engineer

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP 14 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

9/12/55

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X

Contract No. Idm-E 153

Commodity Copper

Operator Murray A. Schutz

Property Marshall Mine, Elko County, Nev.

By H. W. Jones

Dated 9/12/55

S. Ricker
S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II(w/copy of report)
R. M. Smith-USGS(w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.

SEP 14 9 14 AM '55

Interim Report

RECEIVED
SEP 14 1955

Docket No.: DMEA-67X (Copper) Sept. 12, 1955

Name and address of operator: Marshall Mining Co.
Contact, Nevada

Assigned to: Murray A. Schutz, Pres.
American World Exploration Co.
127 Montgomery Street
San Francisco, California

Name and location of property: Marshall Mine (Nevada Belevue Mine)
Elko County, Nevada

Contract No.: Idm-E153

The Marshall Mine was visited on August 31 to determine the amount of advance since the previous visit of August 4, 1955. Work consisted of driving the west drift an additional 48.2 feet on the S 70° W bearing then turning N 65° W for 6 feet. The latter heading will be driven on a N 35° W bearing to intersect the downward extension of the Dunkle vein. Total advance under the DMEA contract is 963.7 feet.

Total footage allowed under contract	1,015.6
Footage completed to date	963.7
Feet remaining	51.9

Amendment No. 4 to the contract allowed a 3 months extension on the completion date, or until November 1, 1955.

Slight copper mineralization was noted in some of the rock fractures but is apparently not indicative of any nearby copper zones inasmuch as similar stains have been present for the past hundred or so feet.

The foreman and miner are presently engaged in cobbing the mine dump and shipping carload lots of copper ore to the smelter for working capital. The primary cause of the short advance during the month reportedly was caused by the lack of drill steel and neglect of the operator to provide the necessary supplies.

H. W. Jones

H. W. Jones
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

9/12/55

RECEIVED
SEP 14 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X

Contract No. Idm-E 153

Commodity Copper

Operator Murray A. Schutz

Property Marshall Mine, Elko Co., Nev.

By R. W. Osterstock, USGS

Dated 9/7/55

S. Ricker
S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II(w/copy of report)
R. M. Smith-USGS(w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.

SEP 14 9 15 AM '55

RECEIVED
SEP 14 1955

Mineral Deposits Branch

September 7, 1955

Memorandum

To: DMEA Field Team, Region II

From: R. W. Osterstock, Geologist, U. S. Geological Survey

Subject: Routine Inspection
Docket No. DMEA-67X (Copper)
Murray A. Schutz
Marshall Mine
Elko County, Nevada
Contract No. Idm-E153

On August 23, 1955, Mr. Leo Bricker, mine foreman, informed me that the DMEA west crosscut had been advanced the additional 50 feet as suggested during my visit to the property August 2, 1955. This advance places the face of the crosscut directly under the downdip projection of the "old" Dunkle vein. As there are only about 50 feet of work remaining in the contract, it now seems judicious to begin crosscutting in a northwesterly direction in order to intersect the Dunkle ~~Bricker~~ vein on the Ilo tunnel level. I have suggested to Bricker that the remaining footage be expended in a N. 35° W. direction.

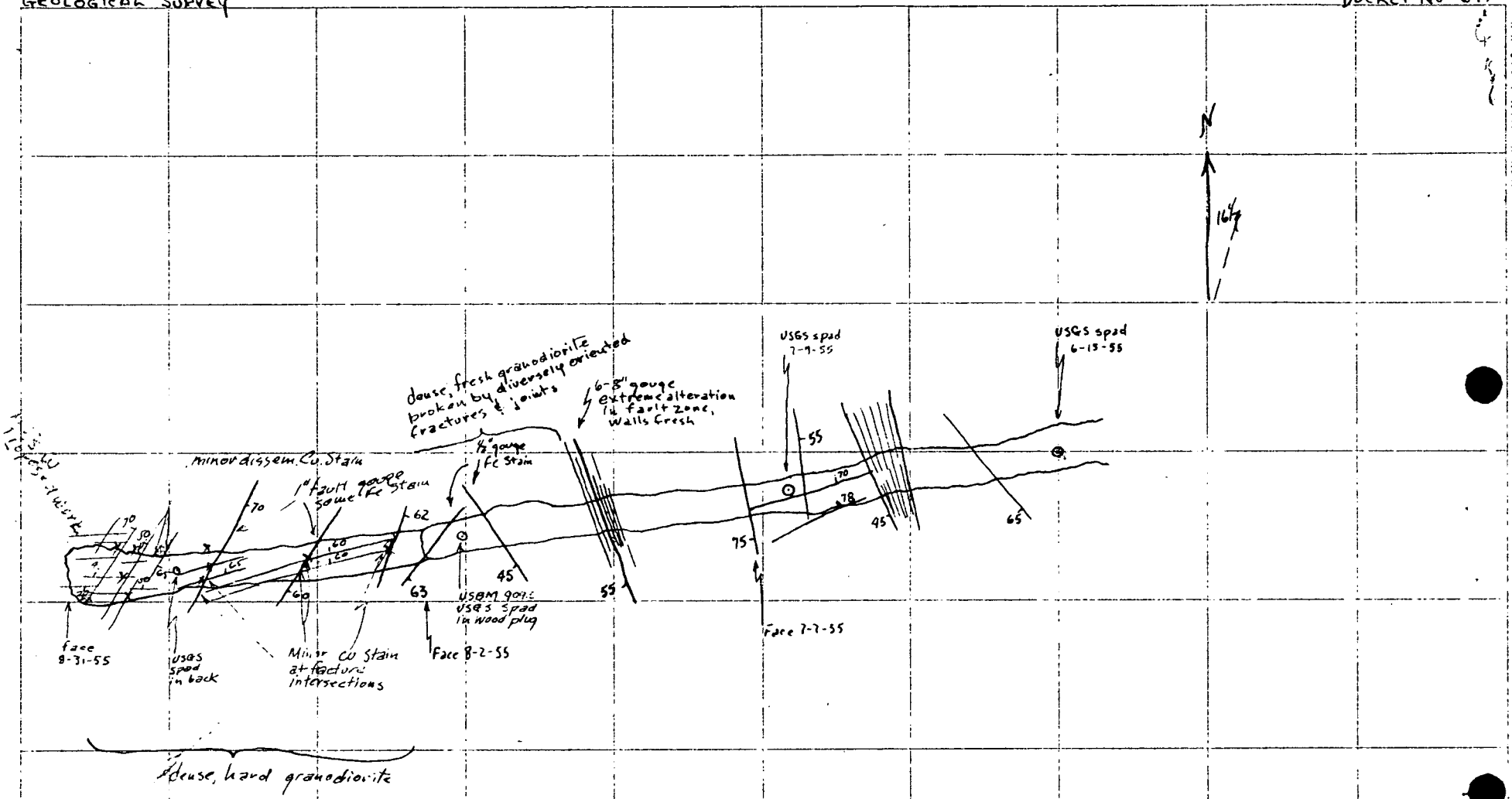
A brief visit to the subject property on August 31, during which time I was accompanied by Mr. Bricker revealed the latter portion of the DMEA west crosscut to be in a zone of slightly increased copper mineralization (see accompanying 20 scale sketch). Intersections of diversely oriented fractures frequently show some copper staining although the intervening country rock is relatively hard, fresh granodiorite. A few disseminated specks of copper carbonate do not appear to be closely associated with any of the fracture systems. A few thin breaks, mostly striking northeasterly, do show a small amount of gouge but do not appear to have effected any major offsets.

In summarizing the geologic picture as it is presently interpreted, the west crosscut has been advanced through a series of north-south fault zones to a point on the Ilo level directly downdip from the workings on the Dunkle vein. Earlier DMEA work in the north crosscut, which encountered the first large N-S trending fault, discloses that the major movement has been relatively to the north on the west fault block. Thus, the Nevada-Bellevue vein segment faulted

off may be expected to exist well to the north of its last seen position. Similar strike and dip of the Nevada-Bellevue and the Dunkle veins suggest that they may be the same vein zone. On this basis the exploration program has been designed to test the western fault block for the offset segment of the Nevada-Bellevue vein or as it has been termed in this block, the Dunkle vein. Geologic control for the downdip projection of the Dunkle vein to the Ilo tunnel level is not exact, however, and it now appears that the Dunkle vein may have steepened to something greater than 50° rather than maintaining a persistent 45° dip as was noted in the Dunkle stopes. A less attractive reason for not having already encountered the Dunkle in the EMEA west crosscut is the possible existence of a relatively flat fault between the Dunkle adit and the Ilo level.

The status of the project at the time of this inspection is quo. No funds remain in Bricker's till for supplies. Bricker and his helper were involved with high grading the dump to raise sufficient capital to continue operations.

Enclosures:



DMEA West Crosscut
Ilo level, Marshall Mine
Contact, Elko County, Nevada

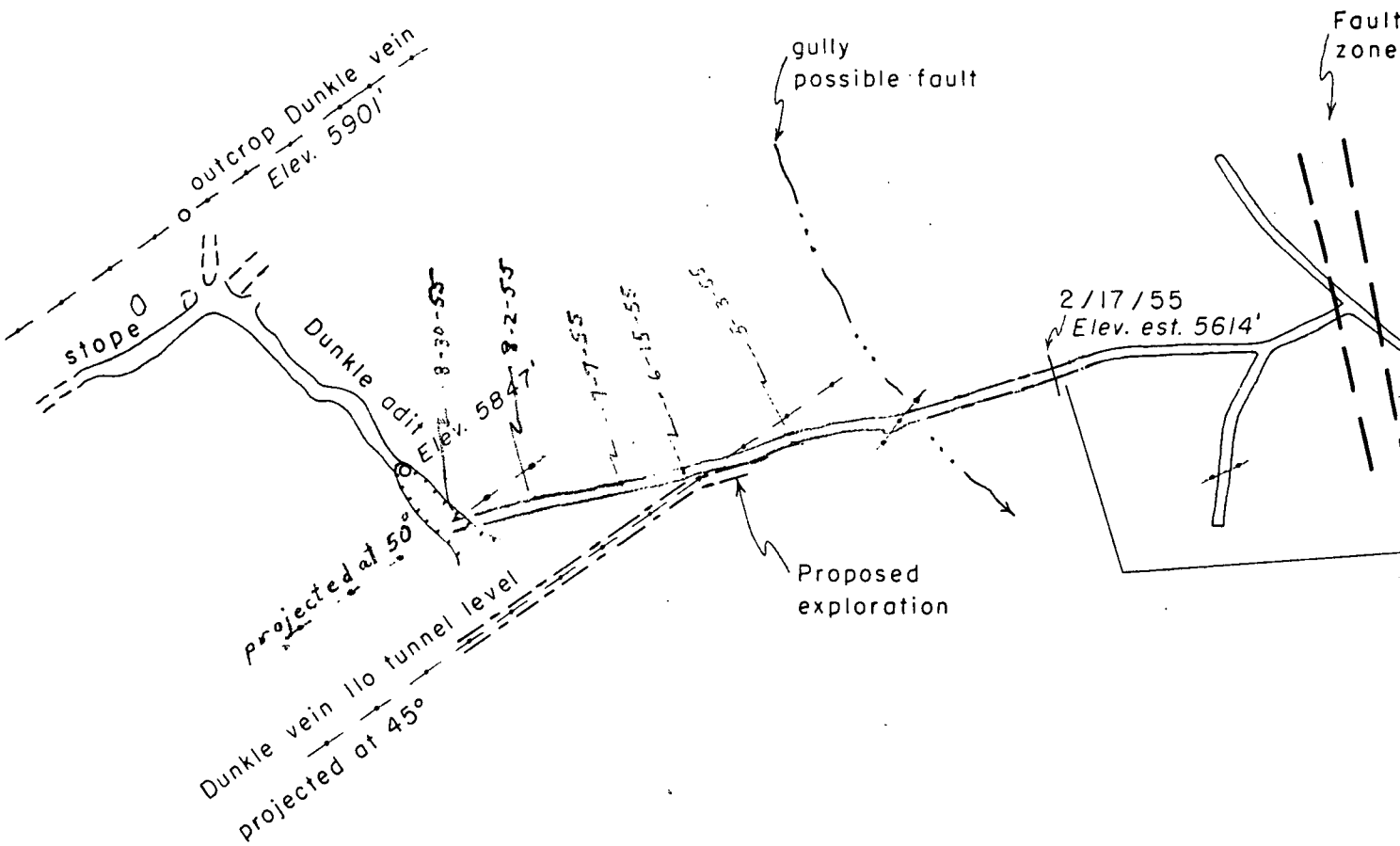
x - Cu stain

Scale
1in = 20ft.

RECEIVED
SEP 14 1955

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 67X
Copper



Modified after Company maps, 1955
and F.C. Schrader U.S.G.S. Bulletin 847-A, 1935

Marshall Mine
Elko County Nevada
1" = 100'

RECEIVED
SEP 14 1955

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

RECEIVED
OCT 28 1955

1605 Evans Avenue
Reno, Nevada

October 26, 1955

Klagenbird
Betty

Memorandum

To: Lloyd Sjolander, Chief, Budget & Finance Br., Reg. II

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMA-67X (Copper)
Murray A. Schutz
Marshall Mining Co. (Marshall Mine)
Elko County, Nevada
Contract No. Idm-E153 (amended)

Attached are four copies of final MF-104-MF-104A forms and narrative report on subject contract for September and October, 1955.

According to the Operator's report, a total advance of 1008 units has been made on the amended contract. Our measurements show a total advance of 986 units. Total footage called for in amended contract is 1015.6 units. This leaves a balance of 29.6 feet remaining under the contract allotment.

The lease and option to Murray A. Schutz from Maurice Marshall has apparently been cancelled and Marshall is again operating the property.

I would suggest that payment of 22 feet be made on the vouchers totaling $665.50 and that balance be held in abeyance until the past Operator agrees to have his enginner meet ours on the property in case he wishes a check measurement.

S. Ricker

Attach.

SRicker:gh
cc: Operating Committee, DMEA, Wash., D.C.
Geo. Mavor, Auditor, DMEA, Reg. II
R. M. Smith, USGS
cc: H. C. Miller
File

OCT 28 9 13 AM '55

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

Budget Bureau No. 42-R2036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS SEP 29 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED OCT 10 1955

Month of August, 1955 Docket No. DMEA 67X Contract No. DME-153
Operator's Name Murray A. Schutz Minerals (Amended)
Address 127 Montgomery Street, San Francisco, California Copper
Contract Amount, $ 30,721.57 Government Participation: 50 % Amount, $ 15,360.79

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	1542.75	28,041.75	29,584.50	1119.25	28,041.75	29,161.00
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1542.75	28,041.75	29,584.50	1119.25	28,041.75	29,161.00

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

Date Sept. 23, 1955 Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$559.62

Signature [signature]
(Authorized Certifying Officer)

Date Vou. No. SF-DMEA-14
(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-E153 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date 9/26/55

Henry W. Jones

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer DMEA Field Team Region II Date 9/26/55

S. Ricker

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
OCT 10 1955

Month of August 1955 Docket No. DMEA 67X Contract No. IDME-153
Operator's Name Murray A. Schutz Minerals (Amended)
Address 127 Montgomery Street, San Francisco, California Copper

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	1	1542.75	51	29,584.50	978	30.25	1015.6	30.25
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Less suspension of 14 '		423.50	-15	29,161.00	964	30.25		
Total Distributed Costs		1119.25	37	29,161.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		~~[illegible]~~ 1119.25		~~[illegible]~~ 29,161.00				30,721.57

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

Remarks:

Date Sept. 23, 1955 Operator Murray A. Schutz

Per [signature] Title Operator

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)

Henry W. Jones

INSTRUCTIONS

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

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

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

GPO 872894

American Western Exploration Company

(A CALIFORNIA CORPORATION)

127 Montgomery Street • San Francisco 4

YUkon 6-4078

RECEIVED

OCT 10 1955

September 23, 1955

Mr. S. Ricker, Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA--67
Copper - Marshall Mining Company

Dear Mr. Ricker:

Enclosed herewith are five copies each of our "Operator's Monthly Report and Voucher" and "Operator's Unit Cost and Progress Report" for the month of August, 1955. The reason for the delay in sending these reports is that there was no one in the office during the month of September who understood how to make them out.

The cross-cut continued to progress through blocky granodiorite, showing occasional copper stain, but nothing in the way of ore.

We would like to know, at your earliest convenience, whether you could help us out on the usual 50-50 basis with a small program of core--drilling from near the present face of the cross-cut to the NW, and to the SE as well. We are attempting to get a per-foot bid from a core-drilling contractor in Elko and would, of course, very much appreciate having your assistance in the matter.

Very truly yours,

AMERICAN WESTERN EXPLORATION COMPANY

J. B. Porter

Harry A. Schutz
by
J. B. Porter

af
Encls.
Via Air Mail

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

RECEIVED
OCT 10 1955

Administrative Audit Difference Statement

Date: September 30, 1955
Payee's
Reference: Docket DMA 67X
Contract Im E- 153
Murray A. Schutz

Murray A. Schutz
127 Montgomery St.
San Francisco, California

Dear Mr. Schutz:

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

Amount Claimed	$ 1542.75
Difference	$ 423.50
Amount Approved	$ 1119.25

The reason for the difference was due to: MW-104 and MW-104A forms for the month of August show a total advance of 978 feet at a total cost of $29,584.50. Our engineer's measurement as of August 31, 1955 is only 964 feet at a total cost of $29,161.00. The difference of 14 ' at a total cost of $423.50 has been suspended from your report for the month of August.

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

Very sincerely yours,

L. H. Sjolander
Chief, Budget and Finance Branch
Region III

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

August 16, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X

Contract No. Idm-E 153

Commodity Copper

Operator Murray A. Schutz

Property Marshall Mine (Nevada Belevue Mine)
Elko County, Nevada

By Henry W. Jones

Dated August 16, 1955

RECEIVED
AUG 19 1955

S. Ricker
S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II(w/copy of report)
R. M. Smith-USGS(w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.
AUG. 19 9 39 AM '55

INTERIM REPORT

Docket No.: DMEA-67X (Copper) August 16, 1955

RECEIVED
AUG 19 1955

Name and address of operator: Marshall Mining Co.,
Contact, Nevada

Assigned to: Murray A. Schutz, President
American World Exploration Co.
127 Montgomery Street
San Francisco, California

Name and location of property: Nevada Belevue Mine (Marshall Mine)
Elko County, Nevada

Contract No.: Idm-E153

SUMMARY

The Marshall mine was inspected on August 4, 1955 to check the footage advance since the previous visit of June 22, 1955. Work consisted of advancing the west drift an additional 80.12 feet on the previously reported S. 70° W. bearing. Total advance under terms of the DMEA contract is 925.46 feet.

Two parallel zones were encountered in the granite, each showing about a 6 foot width of small parallel fault structures striking N. 25° W. and dipping 45° - 48° southwest. Slight copper stains are apparent on slickensides in the faults and in the more unconsolidated granite joint planes appearing near the face.

COMMENTS

Amendment No. 4 permitting a 3 month extension for the completion date was received from the Washington office and forwarded

to the operator for signature.

The mine foreman has been drilling plug holes in the back at the face to show the footage advance for each month. The June 1 to July 1 stations measured 48.9 feet, then 48.0 feet to the August 1 plug.

Henry W. Jones
Henry W. Jones
Mining Engineer

~~Margaret~~
Betty

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

August 10, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X (Copper)

Contract No. Idm-E 153

Operator Murray A. Schutz

Property Marshall Mine, Elko County, Nevada

RECEIVED
AUG 1 3 1955

By R. W. Osterstock, USGS

Dated August 5, 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II (w/copy of report)
R. M. Smith - USGS (w/copy of report)

Interim Rept

Room 206, 222 So. West Temple
Salt Lake City 1, Utah
August 5, 1955

Memorandum

To: Roscoe M. Smith, DMEA Field Team, Region II

From: R. W. Gaterstock

Subject: DMEA Docket 573 (Copper), Marshall Mine, Elko County, Nevada.

On July 21, 1955 Mr. Lee Bricker, mine foreman at the Marshall Mine, informed me by letter that the DMEA west crosscut had encountered a major north-south fault. The possibility of the existence of another major north-south fault zone such as the one encountered which offset the Dunkle-Sullivan vein in earlier DMEA workings prompted a program inspection which was conducted August 2, 1955 by R. W. Gaterstock. Mr. Bricker was present during the examination.

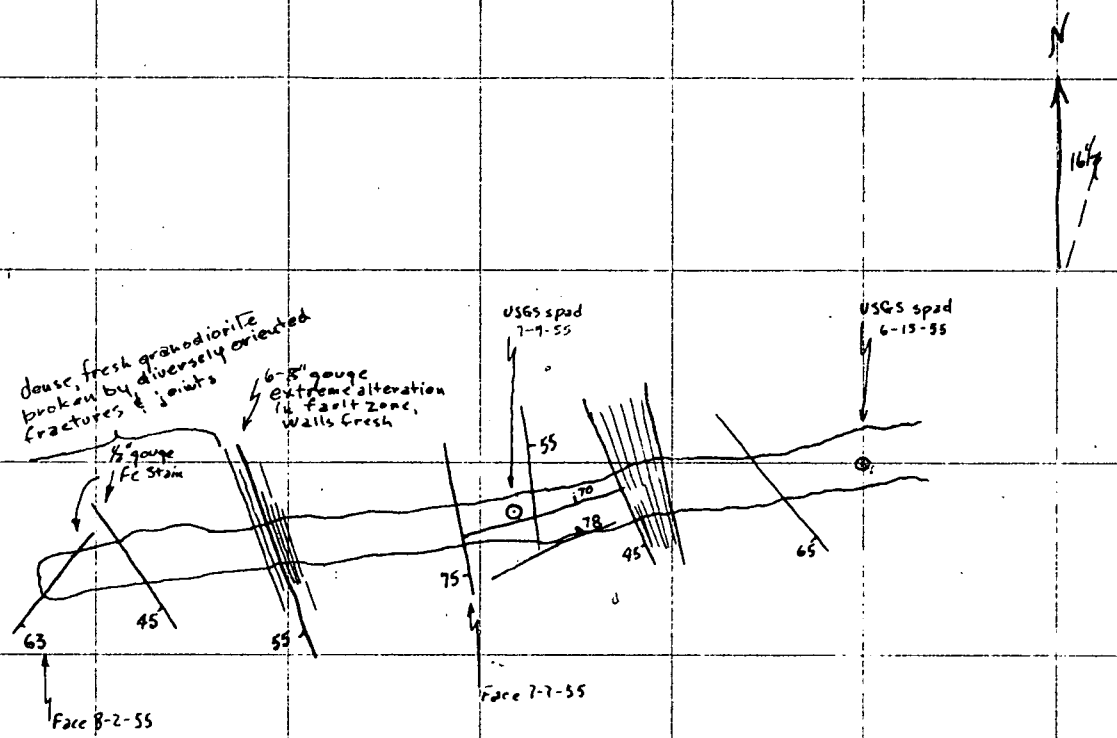
Since my last inspection of the subject property on July 7, 1955 the DMEA west crosscut had been advanced 44 feet in a S. 82° W. direction. The N. 20° W. striking, 55° W. dipping fault zone mentioned in Bricker's letter was encountered approximately 23 feet beyond the July 7, 1955 U.S.G.S. grad (see accompanying 20 scale sketch map). The main fault contains about 6 inches of fault gouge with perhaps 3 feet of subordinate parallel fractures and attendant shearing on each wall. The entire 6 feet width is highly altered. If the Dunkle vein had been offset to the south of the DMEA west crosscut from its projected position north of the crosscut by this fault structure then it seems likely that the fault where encountered would contain dragged or smeared ore minerals. The fault zone shows no sign of ore minerals other than minor Fe stain. Consequently, it must be presumed that this structure underwent relative normal movement and that the Dunkle may have been offset slightly to the north on the hangingwall (west) side of the fault. The amount of this displacement on the Elko level is limited by the projection of the Dunkle vein from the old near surface workings.

It is possible that this fault is expressed on the surface as a gully (see accompanying 100 scale map).

The advance to the face from the fault zone is in dense, blocky, very fresh granodiorite. A few fractures show minor (less than 1/2 inch) gouge and a thin zone of alteration, all of the joints and fractures contain iron stain to some degree. There are very few traces of copper stain.

I have suggested that Bricker maintain the present heading of the crosscut for an additional 30 feet, this amount of advance will place the workings well into the hangingwall of the recently encountered fault structure and directly down dip from the old Dunkle workings.

R. W. Gaterstock

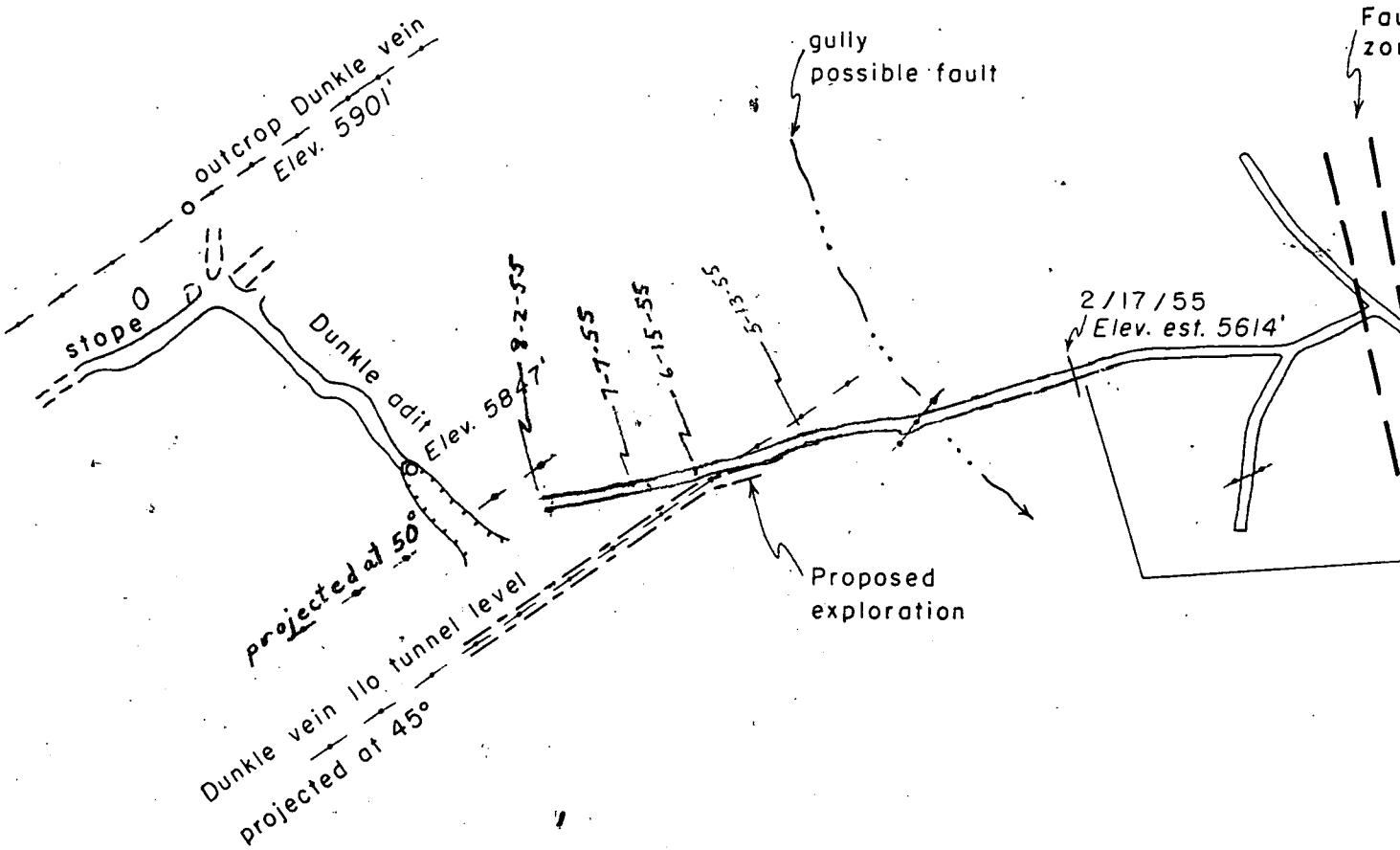


DMEA West Crosscut
Ilo level, Marshall Mine
Contact, Elko County, Nevada

Scale
1in = 20ft.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 67X
Copper



Modified after Company maps, 1955
and F.C. Schrader U.S.G.S. Bulletin 847-A, 1935

Marshall Mine
Elko County Nevada
1" = 100'

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1955 Docket No. DMEA 678 Contract No. Idm E-153 (Amended)

Operator's Name Murray A. Schutz Minerals copper

Address 127 Montgomery St., San Francisco, Calif.

Contract Amount, $ 30,721.57 Government Participation: 50 % Amount, $ 15,360.79

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				9/9/55		
Bulldozing						
Crosscutting 56'	1694.00	27,486.50	28,041.75			
Drifting						
Less 35' adjustment 7/27/55		1058.75				
(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	1694.00	26,347.75	28,041.75			

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

Date Aug. 9, 1955 *Payee Murray A. Schutz

Per Richard Fox Title Operator

*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.

RECEIVED AUG 17 1955

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:

$847.00

Lloyd H. Sjolander
Authorized Certifying Officer

Signature (Authorized Certifying Officer)

Date AUG 19 1955 Vou. No. SF-DMEA-6

(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. IdmF153 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engr. Date Aug 10, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date 8/10/55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1955 Docket No. DMEA 67X Contract No. Idm E-153

Operator's Name Murray A. Schutz Minerals (Amended)

Address 127 Montgomery St., San Francisco, Calif. Copper

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	1	1694.00	56	28,041.75	927	30.25	1015.6	30.25
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		1694.00		28,041.75				30,721.57

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. 9, 1955 Operator Murray A. Schutz

Per Richard Fox Title Operator

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)

Henry W. Jones

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

August 1, 1950

G. Dicker
Executive Officer
ECA Field Team, Region II
1003 Evans Avenue
Reno, Nevada

Dear Mr. Dicker:

Enclosed herewith are five copies each of our "Operator's Unit Cost and Progress Report" and "Operator's Monthly Report and Voucher for the month of July 1950.

Progress in general has been through fine granite showing some copper stain, although we did pass through a north-south fault, which required eight feet of timbering with solid lagging. At the end of July the formation at the face of the cross-cut was softening up somewhat and we feel that we cannot be very far from the vein, which presumably lies somewhat to the north.

We shall appreciate it very much if you will send us six sheets of the Operators Unit Cost and Progress Report forms and twelve sheets of the Operator's Monthly Report and Voucher forms at your early convenience.

If Mr. Osterstock or Mr. Smith should happen to be at Contact in the near future we shall of course be pleased to hear whether they feel it is not about time to turn the drift towards the northwest.

Very truly yours,

Murray A. Schutz

by J.D. Porter

JDP:cc
Via Air Mail

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

July 11, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X (Copper)

Contract No. Idm-E153

Operator Murray A. Schutz

Property Marshall Mine, Elko Co., Nevada

By R. W. Osterstock, USGS

Dated July 7, 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments - 4

Copy to: Finance Officer, Region II (w/copy of report)
R. M. Smith - USGS (w/copy of report)

DEPARTMENT OF INTERIOR
BUREAU OF MINES
WASHINGTON, D.C.
RECEIVED
JUL 18 9 37 AM '55
JUL 1 1 PM 1 : 34
RENO, NEVADA

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
222 So. West Temple -- Rm. 208
Salt Lake City, Utah

RECEIVED
JUL 18 1955

July 7, 1955

Memorandum

To: DMEA Field Team, Region II

From: R. W. Osterstock, Geologist, U. S. Geological Survey

Subject: DMEA Docket 67X (Copper)
Murray A. Schutz
Marshall Mine
Elko County, Nevada
Contract Idm-E153

A brief progress inspection of the subject property was conducted July 7 by R. W. Osterstock and Oscar Crispin. Mr. Leo Bricker, mine foreman, was present during the examination. The purpose of the inspection was to determine the advisability of turning the DMEA West crosscut in a northerly direction as proposed by Jacob Porter, superintendent for the operators.

Since my last inspection of the property on June 15, 1955 the face of the DMEA West crosscut had been advanced 33 feet in a S. 82° W. direction (see accompanying 1" = 20' sketch). Although the ground is thoroughly shattered by fractures and joints of diverse orientation, the granodiorite remains dense and fresh with only a small amount of alteration and a very few traces of copper stain along some of the more prominent fractures. There is no indication that the crosscut has entered a zone of alteration of the type which may be expected on the immediate hanging wall of the Dunkle vein.

The objective of the DMEA exploration program is the intersection of the down dip projection of the Dunkle vein at the Ilo level. Since the inception of this program it has been felt that the best point to intersect the vein would be directly down dip from the old Dunkle stopes.

The enclosed 100-scale map shows the West crosscut to July 7, 1955. If the relative positions and elevations on the Dunkle vein are used rather than the directly read 45° dip a 50° dip results. The projected position of the Dunkle vein on the Ilo level using a 50° dip is approximately 60 feet north of the position plotted using

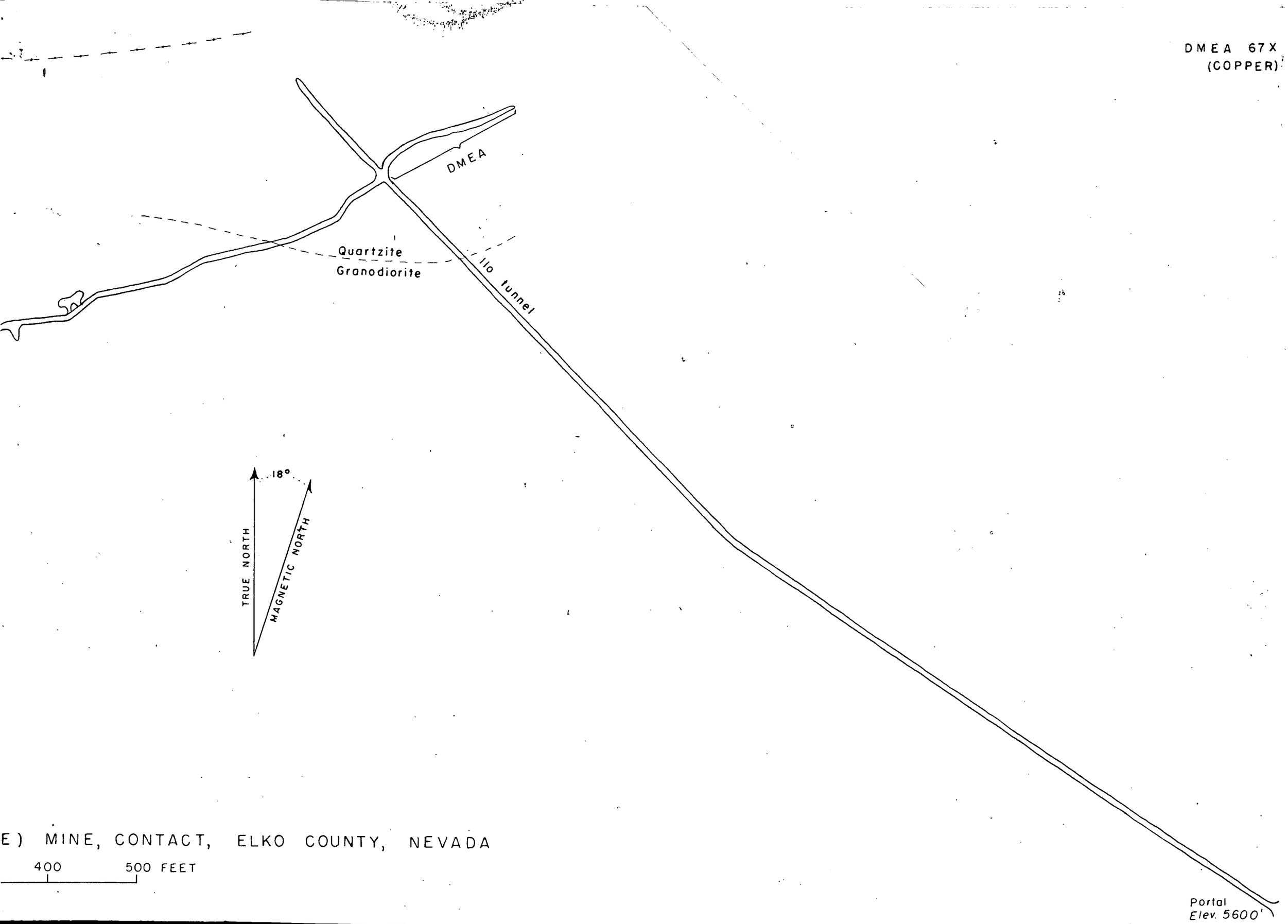
a 45° dip. This may explain why the West crosscut has not yet intersected the Dunkle vein.

In order to assure that the crosscut continues to approach the area down dip from the old stopes I have proposed an additional 100 feet of advance in a S. 80° W. direction. Leo Bricker is in accord with this plan which should be followed unless unmistakable evidence in the form of extreme alteration indicates proximity to the Dunkle vein during the course of the 100 foot advance.

It is therefore recommended that the DMEA West crosscut be continued from the present face (7-7-55) for a distance of 100 feet in the same direction (S. 80° W.).

Distribution:
DMEA (Orig. & 3)
USBM
Osterstock
File

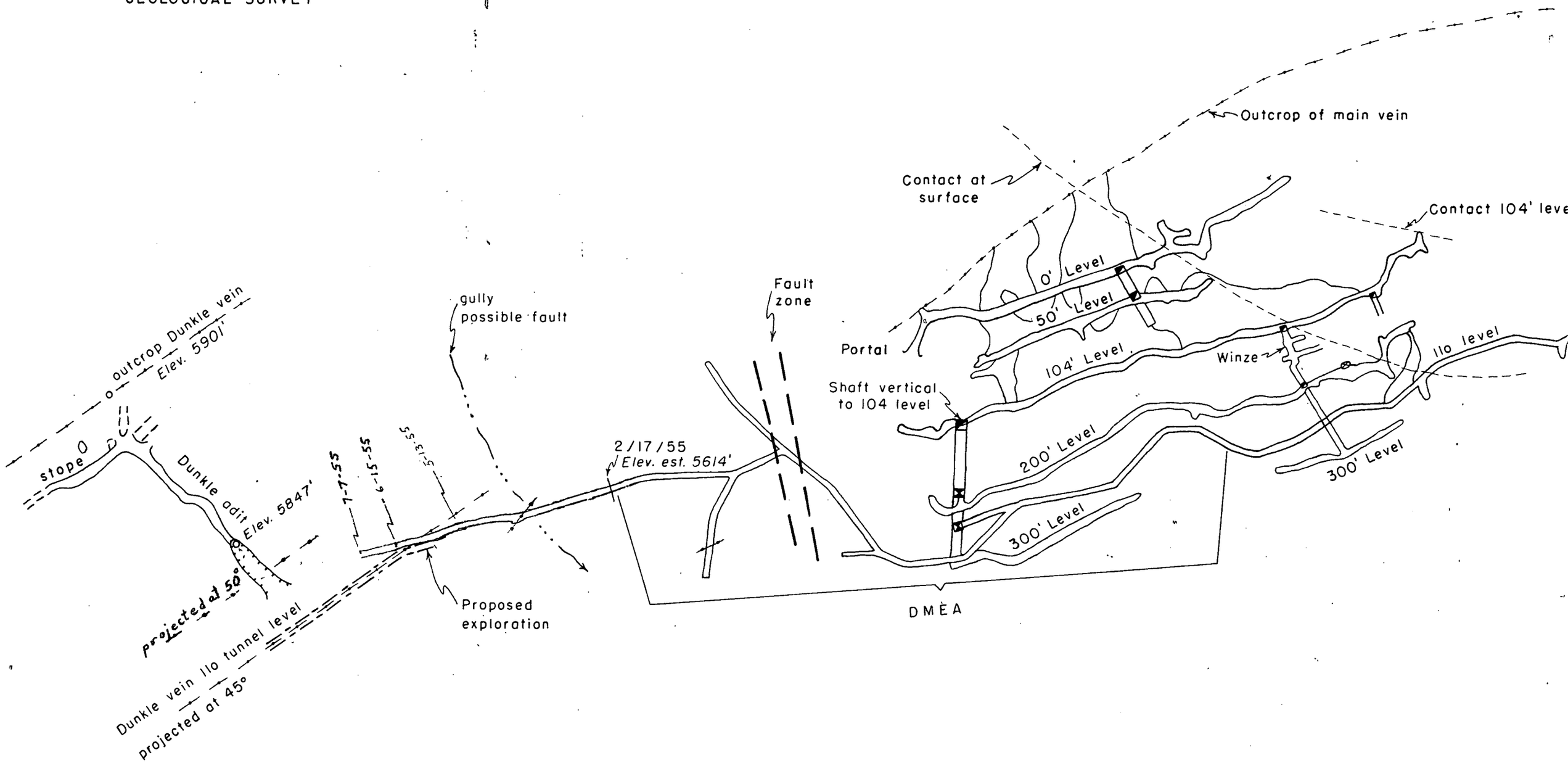
DMEA 67X
(COPPER)



E) MINE, CONTACT, ELKO COUNTY, NEVADA

400 500 FEET

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Modified after Company maps, 1955
and F.C. Schrader U.S.G.S Bulletin 847-A, 1935

GEOLOGIC SKETCH MAP OF MARSHALL (NEVADA-BELLEVU

0 100 200 300

REGION II
SEMI-ANNUAL REPORT
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Docket No.: DMA-67X (Copper) **Date:** June 30, 1955

Contract No.: Idm-E153 - E153 Amended

Operator: Marshall Mining Co., Elko County, Nevada
Murray A. Schutz (assignee)
1355 Bay Street
San Francisco, California

Date of Contract: September 19, 1951 **Completion Date:** August 1, 1955

	Total	Gov't Participation	Operator
Amount of Contract:	$74,621.37	$37,310.68	$37,310.68
Expenditures:	$68,800.00	$34,400.00	$34,400.00**
Date Certified:	March 16, 1953		

Status: Drifting being continued to intersect the downward extension of Dunkle vein. Mining of ore has been discontinued.

	Tons	Grade	Gross Value	Deductions	Net Value
Total **Production DMEA:**	7,563.18		$116,481.82		$79,425.21

	This Period	Todate	Percent Payment
Royalty:	$7.02*	$3,198.98	9.3

Remarks: Extension of completion date to November 15, 1955 will be requested, required, and recommended.

*Adjustment on shipments prior Jan. 1, 1955.

**Estimate for June 1955.

No ore reserves of economic value as of June 30, 1955.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS JUL 22 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED AUG - 1 1955

Month of June, 1955 Docket No. DMEA 67X Contract No. IDME 153 (AMENDED)

Operator's Name Murray A. Schutz Minerals COPPER

Address 123 Montgomery St. San Francisco, Calif.

Contract Amount, $ 30,721.57 Government Participation: 50% Amount, $ 15,360.79

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling				8/8/55 WPK		
Bulldozing						
Crosscutting 50'	1512.50	25,894	27,406.50*	453.75	25,894.00	26,347.75
Drifting						
(2) Labor and Supervision:						
Labor					Disapproved	
Supervision						
Technical Services					Betty	
(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	1512.50	25,894	27,406.50	453.75	25,894.00	26,347.75

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

Date July 11/55 *Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$226.88

Floyd [illegible]
Authorized Certifying Officer

Signature [signature]
(Authorized Certifying Officer)

Date JUL 27 Vou. No. SF-OMCA-2

(See other side)

* See Audit Statement attached.

(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 F113 in accordance with the terms of the contract.

Signature Henry W. James Title Mining Engineer Date 7/21/58

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date 7/21/58

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

ACCOUNTS JUL 22 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1955 Docket No. DMEA 67A Contract No. IDM-R153

Operator's Name Murray A. Schutz Minerals AMENDED

Address 127 Montgomery St. San Francisco, Calif. COPPER

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	1	1512.50	50	27,406.50	906	30.25	1015.6	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1512.50		27,406.50	-35			Total Costs Authorized by Contract
See audit difference statement attached				- 1,058.75	871 units to date.			
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				626,347.75				30,721.57

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 July 11/55 Operator Murray A. Schutz

Per [signature] Title Operator

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)

Henry W. Jones

INSTRUCTIONS

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

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

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

GPO 872894

July 20, 1955

Mr. S. Rieker
Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMA-67X - Copper
Marshall Mine
Elko County, Nevada
Contract No. Idm-X153

Dear Mr. Rieker:

During June, the cross cut at Contact progressed 50 feet. However, I understand from Mr. Porter's conversation with you in Reno that you are only going to pay for 15 feet of this progress, in order to compensate for the 35 feet of drift which was paid to the Marshalls due to some confusion in measurements when we assumed the contract at Contact.

The drifting was through blocky granodiorite, showing considerable minor faulting to which--for the moment at least--we attach little significance. We believe that the vein for which we are cross-cutting must lie to the north of the present heading and feel that before long we should turn the drift toward the northwest.

As soon as the face has reached a point where you and the geologist feel that the turning point has been reached, we would appreciate it very much if you will advise us immediately, so that we may instruct our foreman to take appropriate action.

Very truly yours,

Murray A. Schutz

by J. B. Porter

JBP:af
Via Air Mail

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

Administrative Audit Difference Statement

Date: July 27, 1955
Payee's
Reference: Docket DMA-67X
Marshall Mine
Contract Idm E-153

Mr. Murray A. Schutz
127 Montgomery St.
San Francisco, California

RECEIVED
AUG - 1 1955

Dear Mr. Schutz:

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

Amount Claimed	$ 1512.50
Difference	$ 1058.75
Amount Approved	$ 453.75

The reason for the difference was due to: adjustment of 35' of drifting paid to Marshall Mining Company disallowed under Amendment No. 3, dated March 16, 1955, page 2.

Totals Approved on June MT-104 are as follows:

Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
$453.75	$25,894.00	$26,347.75

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

Very sincerely yours,

L. H. Sjolander
Budget and Finance Branch
Region III

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

RECEIVED
JUL 25 1955

1605 Evans Avenue
Reno, Nevada

July 21, 1955

Memorandum

To: Lloyd Sjolander, Finance Officer, Region II

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMA-67X - Copper
Marshall Mine
Elko County, Nevada
Contract No. Idm-E153

Attached are four copies of MF-104-MF-104A forms and narrative reports on above subject contract for the month of June.

A deduction of 35 feet should be made and 15 feet only should be paid. Somehow or other, the present Operator in his measurement has been including the 35 feet that had been deducted from the Marshall Mining Company before the assignee, Murray Schutz, took over operations in July 1954. This is the 35 feet referred to on page 2 of Amendment No. 3 dated March 16, 1955.

S. Ricker

Attach.
SRicker:gh
cc: Operating Committee, DMEA, Wash., D.C.
R. M. Smith
H. C. Miller
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL - 7 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

July 5, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X

Contract No. Idm-E 153

Commodity Copper

Operator Murray A. Schutz, Pres.
American World Exploration Co.

Property Nevada Belevue (Marshall Mine)
Elko County, Nevada

By H. W. Jones

Dated 7/5/55

S. Ricker
S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II(w/copy of report)
R. M. Smith-USGS(w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.

JUL 7 9 23 AM '55

INTERIM REPORT

RECEIVED
JUL - 7 1955

Docket No.: DMEA-67X - (Copper) July 5, 1955

Name and address of Operator: Marshall Mining Co.,
Contact, Nevada

Assigned to: Murray A. Schutz, Pres.
American World Exploration Co.
Room 602, 127 Montgomery Street,
San Francisco, California

Name and location of property: Nevada Belevue Mine (Marshall Mine)
Elko County, Nevada

Contract No.: Idm-E153

SUMMARY

An inspection of the Marshall mine was made June 22, 1955 in company with Leo Bricker, mine foreman. The west drift was advanced an additional 53 feet on the previously reported S. 70° W. bearing for a total of 347 feet. Total footage advance under contract terms for the mine is 845.34 feet. There has been no mineralization noted in the massive granite since the previous visit. A fault gouge zone of unknown dimensions was penetrated with the drill steel at the face during the visit. Work is currently being conducted by two miners working on a one shift per day and a 6 day per week basis.

COMMENTS

To avoid future discrepancies in measurements taken by the operator, the mine foreman was instructed to drill a plug hole at the face on the last of each month. Measurements taken from the hole drilled on

May 31, 1955 show an advance of 32.8 feet to June 22. In accordance with amendment No. 3, a total of 1,015.6 feet of drifting and crosscutting is to be completed prior to August 1, 1955. A total of 845.34 feet was completed at the date of inspection, leaving 170.26 feet of drifting and crosscutting to be made prior to termination date. It is suggested that a three month advancement be made on the termination date, or until November 1, 1955.

Henry W. Jones
Mining Engineer

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 23 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

June 20, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X (Copper)

Contract No. Idm-E 153

Operator Marshall Mining Company

Property Marshall Mine, Elko County, Nevada

By R. W. Osterstock, USGS

Dated June 20, 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II (w/copy of report)
R. M. Smith -USGS (w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.
JUN 23 9 03 AM '55

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Mineral Deposits Branch
4 HOMEWOOD PLACE
MENLO PARK, CALIFORNIA

RECEIVED
JUN 23 1955

June 20, 1955

Memorandum

To: DMEA Field Team, Region II

From: R. W. Osterstock

Subject: DMEA docket 67X (Copper), Marshall Mine,
Marshall Mining Company,
Elko County, Nevada
Contract Idm-E153

A brief inspection of the subject property was conducted June 15, 1955 by R. W. Osterstock (USGS). There were no other persons present during the inspection.

Since my last visit on May 13, 1955, the West crosscut had been advanced 62 feet in essentially the same direction (S. 80° W). As noted on the accompanying sketch map the recent advance has not encountered any significant structures, joints and thin fractures with diverse attitudes are common. For the most part the granodiorite is quite fresh and hard with no tendency toward the degree of alteration which might be expected if the face were in close proximity to the hanging wall of the Dunkle vein.

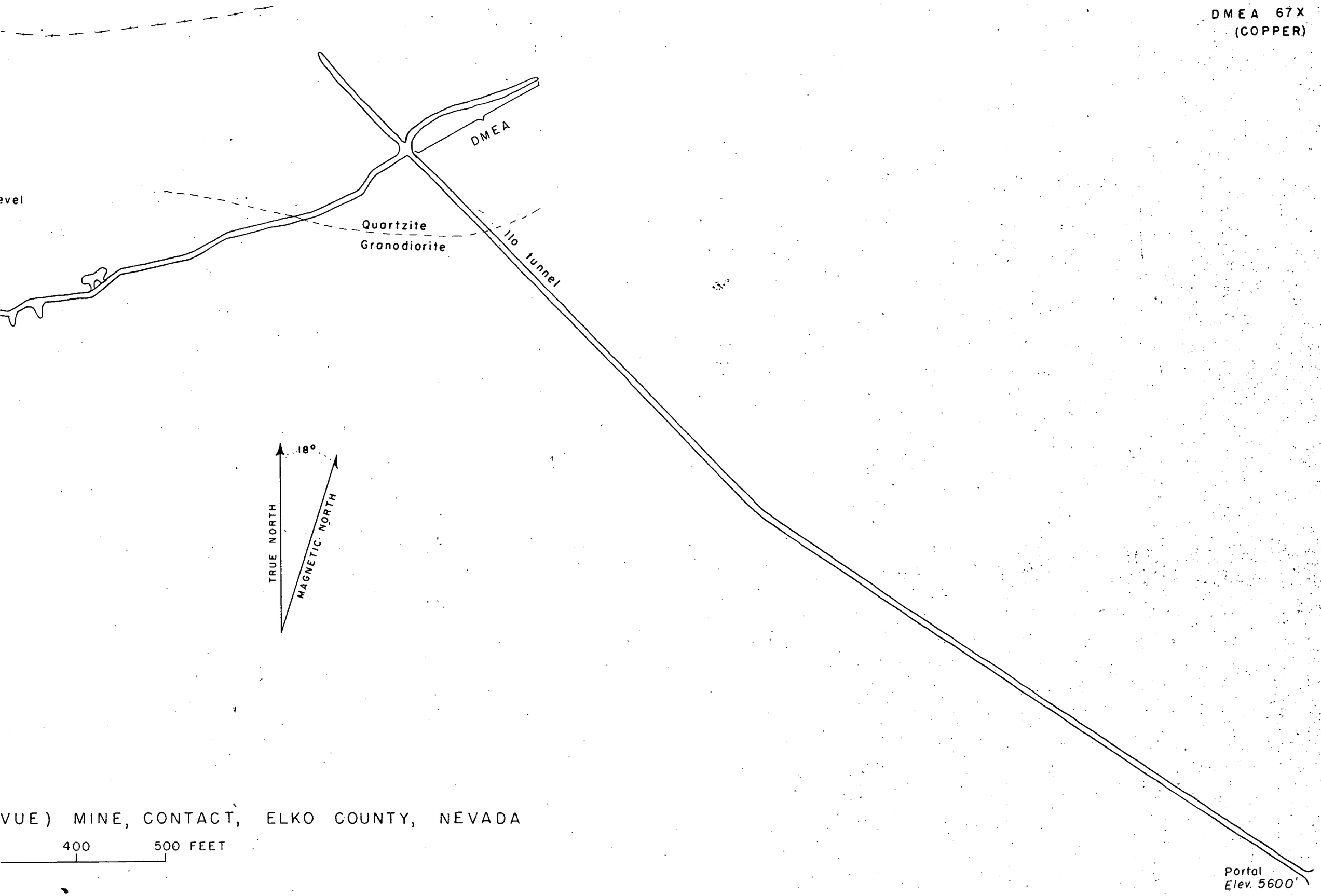
The enclosed 100 scale geologic sketch map indicates that the West crosscut has already passed beyond (west) of the projected position of the Dunkle vein on the Ilo level. It appears, therefore, that the Dunkle vein has steepened somewhat.

In a brief note to Mr. Leo Bricker, mine foreman, I suggested that the present heading of the West crosscut be continued in order that it may approach a position more nearly down dip from the old stopes on the Dunkle vein. As this point is approached it will then be more judicious to turn the crosscut to the northwest and thus intersect the Dunkle vein more nearly normal to its strike.

Attach.

Distribution:
DMEA (orig. & 3)
USBM
Osterstock
File

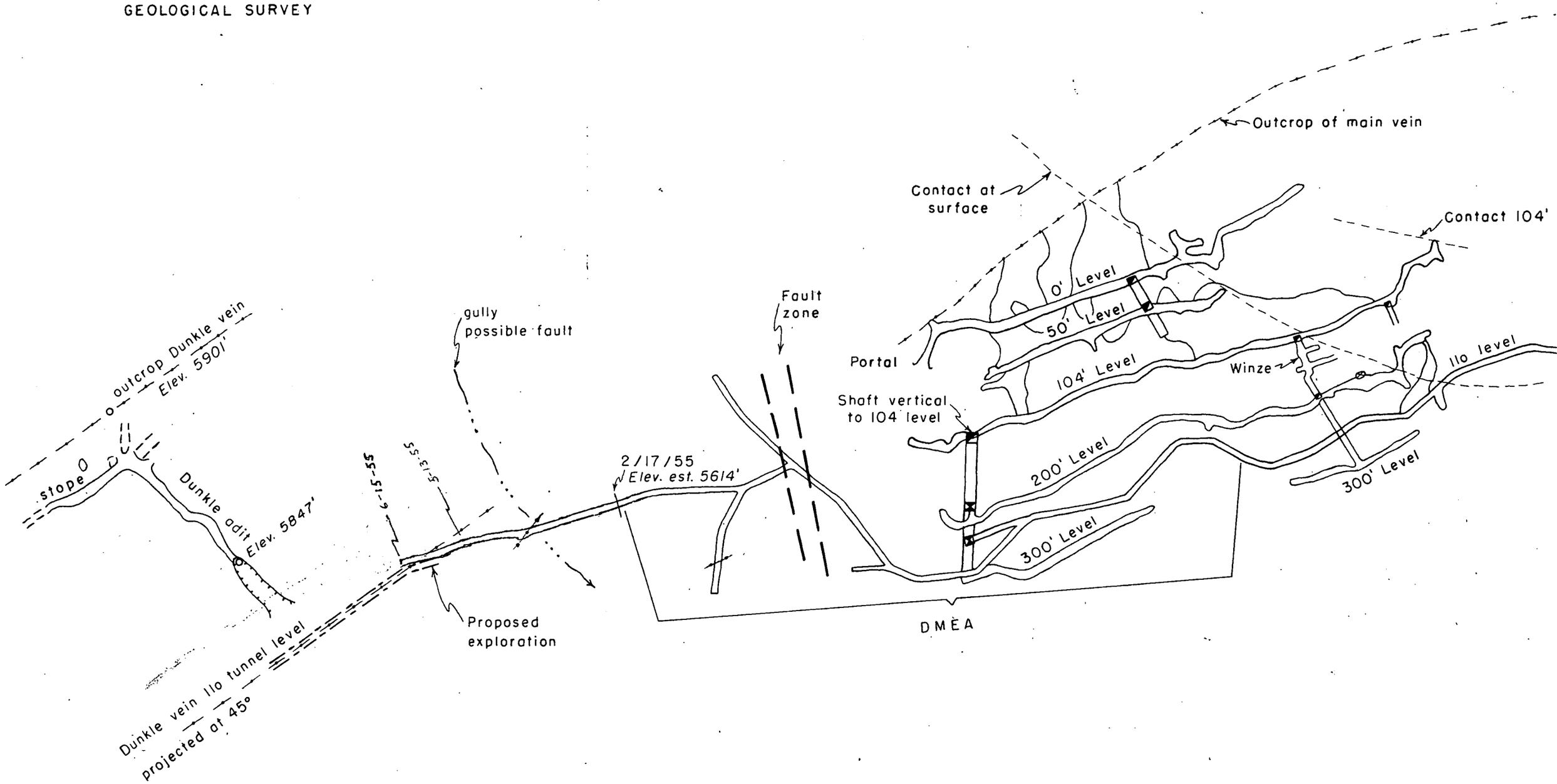
DMEA 67X
(COPPER)



VUE) MINE, CONTACT, ELKO COUNTY, NEVADA

400 500 FEET

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Modified after Company maps, 1955
and F.C. Schrader U.S.G.S. Bulletin 847-A, 1935

GEOLOGIC SKETCH MAP OF MARSHALL (NEVADA-BELLE

0 100 200 300

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN - 6 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

June 3, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X

Contract No. Idm-E 153

Commodity Copper

Operator Murray A. Schutz

Property Marshall Mine, Elko County, Nevada

By H. W. Jones

Dated June 3, 1955

S. Ricker
S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II(w/copy of report)
R. M. Smith-USGS(w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.
JUN 6 9 13 AM '55

RECEIVED
JUN - 6 1955

INTERIM REPORT

Docket No.: DMA-67X - Copper June 3, 1955

Name and address of Operator: Marshall Mining Co.
Contact, Nevada

Assigned to: Murray A. Schutz, Pres.
American World Exploration Co.
Room 602, 127 Montgomery St.
San Francisco, California

Name and location of property: Nevada Belevue Mine (Marshall Mine)
Elko County, Nevada

Contract No.: Idm-E153 Amended

SUMMARY

Inspection was made May 24, 1955 in company with Glenn Gentry.

Work on the West drift through mineralized massive granite, bearing S. 70° W., continued satisfactorily. The advance since the last report was 68 feet for a total of 294.05 feet.

A non-contract car pass was cut at the juncture of the mineralized area with the present drift to expedite mucking and tramming. Exploration is on a one shift basis and three men are currently employed.

A footage discrepancy was noted in the MF-104 forms submitted for April and a recheck of all measurements was made with a steel tape. Corrected footages are as follows:

Northwest Drift from start of contract	328.65 feet
Southwest Crosscut	169.64
West Drift from Southwest Crosscut intersection	294.05
Total allowable footage	792.34

The 35 feet disallowed in amended contract but previously carried on MF-104 is not included in the total.

Amendment No. 3 disallowed a 35 foot section of drift that was abandoned but had previously been submitted on MF-104 forms and Government participation paid to the Marshall Mining Company some months before assignment of the contract. An additional 12.6 feet discrepancy was found in the current operator's measurements. This has been brought to the attention of the operator and will be deducted in the next MF-104 voucher.

The Marshall Mining Company assigned the exploration contract to Murray A. Schutz on November 12, 1954 with the Government's consent but did not release the assignor from any of the terms, provisions and conditions of the amended contract. I would suggest, therefore, that the responsibility of refund on the 35 feet be definitely fixed before any future payments be made on the contract.

Henry W. Jones

H. W. Jones
Mining Engineer

Form MF-104 (Rev.)

Budget Bureau No. 42-R1026.4
Approval expires 6-30-53.

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

Month of May, 1955 Docket No. DMEA 67X Contract No. IDM-E133

Operator's Name Murray A. Schutz Minerals (Amended)

Address 127 Montgomery St. San Francisco, Calif. Copper

Contract Amount, $ 30,721.57 Government Participation: 50% Amount, $ 15,360.79

RECEIVED JUN 23 1955

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting 16'	484.00	25,410.00	25,894			
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	484.00	25,410.00	25,894			

Betty

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

Date May 6, 1955 *Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$242.00

Signature [signature]
(Authorized Certifying Officer)

Date [illegible] Vou. No. 5F-DMEA-33

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idaho E 153 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date 6/10/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date 6/10/55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 2 3 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1955 Docket No. DMEA 67X Contract No. IDM-E153 (Amended)
Operator's Name Murray A. Schutz Minerals Copper
Address 127 Montgomery St. San Francisco, Calif.

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	1	484.00	16'	25,894	~~30.25~~ 856	30.25	10156	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		484.00		25,894				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								30,721.52

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

Date June 6, 1955 Operator Murray A. Schutz

Per [signature] Title Operator

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)

Henry W. Jones

INSTRUCTIONS

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

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

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

GPO 872894

June 6, 1955

RECEIVED
JUN 6 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Dear Mr. Ricker:

Enclosed herewith please find five copies each of our "Operator's Unit Cost and Progress Report" and "Operator's Monthly Report and Voucher" for May 1955.

You will note that we are reporting only 16 feet of progress for the month in order to bring our reporting in line with the measurements which your engineers took on May 24th, also to make the report as of the 1st of the month instead of the 15th, as has been the case in the past.

Just this morning I had a letter from our foreman at Contact stating that the ground is now softening and copper stain is showing up in the face.

We feel that serious consideration should be given to turning the drift about 35 or 40 degrees to the north in order to shorten the distance to the projected location of the Dunkel Vein.

We shall appreciate having your comments on this matter.

Otherwise the work is progressing steadily.

Yours very truly,

Murray A. Schutz

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 27 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date: May 25, 1955

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA 67X

Contract Idm-E 153

Commodity Copper

Operator - Murray A. Schutz

Property - Marshall Mine, Elko County, Nevada

By R. W. Osterstock, USGS

Dated May 23, 1955

S. Ricker
Executive Officer,
DMEA Field Team, Region II

Attachments

Copy to: R. M. Smith--USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 27 1955

222 So. West Temple - Room 208
Salt Lake City 1, Utah
May 23, 1955

Memorandum

To: DMEA Field Team, Region II

From: R. W. Osterstock, Geologist, U. S. Geological Survey

Subject: DMEA Docket 67X, Marshall Mine, Contact, Elko County, Nevada, Contract Idm-E153.

A progress examination of the subject property was conducted May 13, 1955 by R. W. Osterstock (USGS). Mr. Leo Bricker, mine foreman, was present during the inspection.

Since my last inspection of the property on March 26, 1955 the operators have advanced the DMEA west crosscut approximately 85 feet. As noted on the accompanying sketch map the north striking sheared and broken zone columned about 20 feet west of the March 26 spad. The significance of this north-trending zone of shearing and probable faulting cannot yet be ascertained, however it does seem likely that the present face of the west crosscut is in the same block of ground as the Dunkel vein as projected from the surface to the Ilo tunnel level. About 30 feet west of the March 26 spad a thin (3-5 inch) quartz vein was intersected. This vein strikes NE and dips 55° SE. Chalcopyrite, bornite, chalcocite, malachite and Fe oxide ore are present in the vein zone. Bricker reports that a picked high sample of the mineralized zone assayed 13 percent copper and better than $5.00 in gold and silver. There is about 3 inches of gouge on the footwall of the vein structure. About 8 feet further along the crosscut a barren fault structure within similar strike and dip contains 3 to 4 inches of clay gouge. Beyond these structures to the present face of the west crosscut the granodiorite becomes increasingly fresh. Some strong joints are noted near the face but no other prominent structures are visible.

Although the thin mineralized structure has a similar dip to the Dunkel vein it strikes a bit too much north of east and might therefore represent a split from the main Dunkel structure. Until the exact location of the Dunkel vein on the Ilo tunnel level is established there is no reason for attempting to drift NE along the mineralized structure as it will probably be cut off by the shear and fault zone encountered in the crosscut about 20 feet to the east.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1975 MAY 05 PM 1:53

RENO, NEVADA

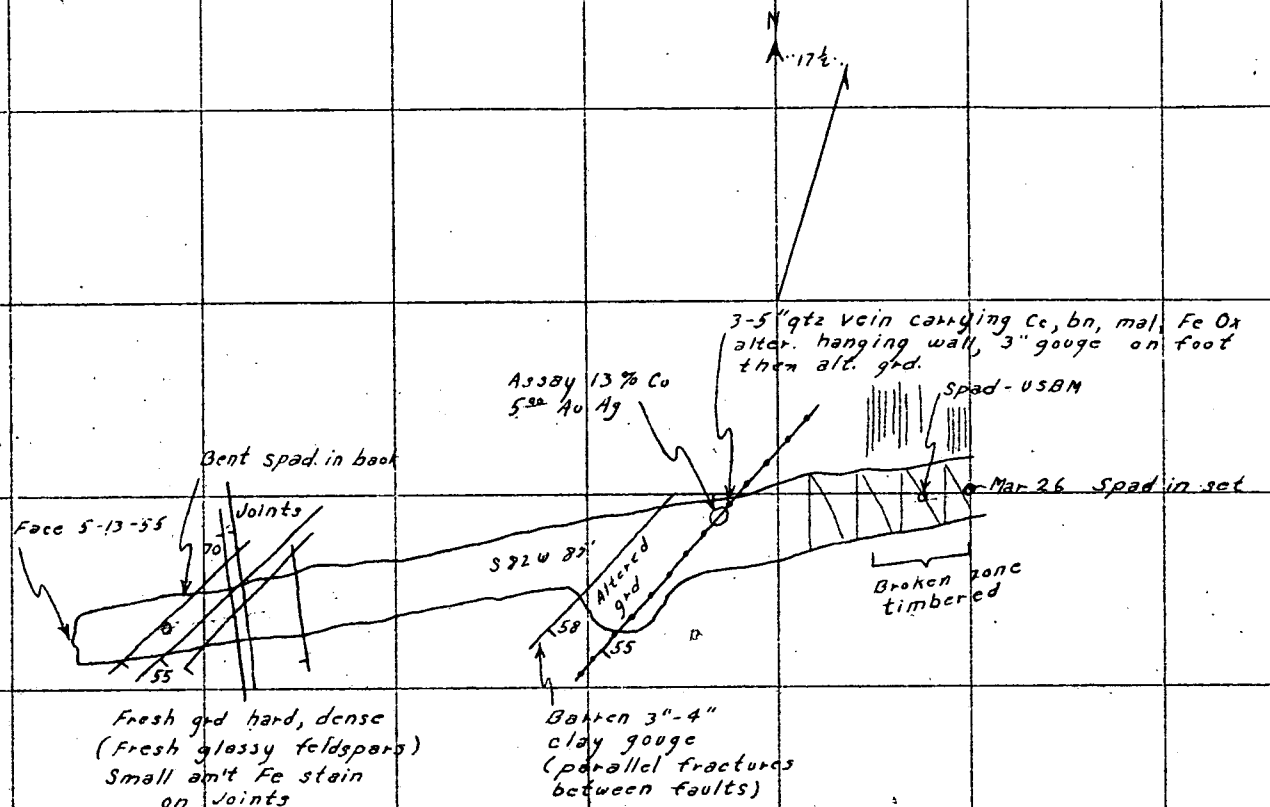
There is as yet no reason to alter the work program as outlined in the March 3, 1955 memorandum. It is recommended that the west crosscut be continued as planned.

Distribution:
Field Team, Reg. II (5)
Osterstock
File - Menlo Park

DEPARTMENT OF THE INTERIOR
Outcrop Minerals Administration
RECEIVED
MAY 27 1953

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 67X



Scale 1" = 20'

Marshall Mine, Contact, Elko County, Nevada

May 13, 1955
A.W. Osterstock

"ALBANENE" NO. 196M K&E CO., N.Y. REG. U.S. PAT. OFF.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 27 1955

RECEIVED
JUN 16 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Memorandum

1605 Evans Avenue
Reno, Nevada

Date: June 14, 1955

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

Betty

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Reports - Forms MF-104 and MF-104A

Attached are two copies of each of the subject report(s) received from the operator as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E153 DMEA-67X	Murray A. Schutz	5/16/55	April 1955
Idm-E697 DMEA-3305	Platora Uranium Corp.	5/9/55	April 1955
Idm-E744 DMEA-3393	Schaff, Bednar, Reinmiller Jones &/	4/28/55	April 1955
Idm-E750 DMEA-3347	Idaho Maryland Mines Corp.	6/2/55	May 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: H. C. Miller
R. M. Smith
File

Form MF-104 (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

RECEIVED ACCOUNTS MAY 3 1 1955

JUN 1 6 1955

Month of April, 1955 Docket No. DMEA 67X Contract No. IDM-E-153
Operator's Name Murray A. Schutz Minerals (Amended)
Address 127 Montgomery Street, San Francisco, Calif. Copper
Contract Amount, $30,721.57 Government Participation: 50 % Amount, $15,360.79

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 55'	1663.75	23,746.25	25,410.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,663.75	23,746.25	25,410.00			

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

Date May 16, 1955 Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$831.87

Doyd F. Slokander
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date [illegible] 1955 Vou. No. SF-DMEA-32

(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-E153 in accordance with the terms of the contract.

Signature For: Henry W. Jones Title Mining Engineer Date 5/18/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer DMEA Field Team Region II Date 5/18/55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
JUN 16 1955

Month of April 1955 Docket No. DMEA 67X Contract No. IDM-E-153
Operator's Name Murray A. Schutz Minerals (Amended)
Address 127 Montgomery Street San, Francisco, Calif. Copper

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	1'	1663.75	55	25,410.00	840	30.25	1015.6	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1663.75		25,410.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								30,721.57

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 16, 1955 Operator Murray A. Schutz

Per [signature] Title Operator

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.

U. S. GOVERNMENT PRINTING OFFICE 205676

MURRAY A. SCHUTZ
127 MONTGOMERY STREET
SAN FRANCISCO 4, CALIFORNIA

RECEIVED
JUN 16

TELEPHONE
YUKON 6-5588

May 16, 1955

S. Richer
Executive Office
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Dear Mr. Ricker:

Enclosed herewith please find five copies each of our "Operator's Unit Cost and Progress Report" and "Operator's Monthly Report and Voucher" for April 1955.

The work at Contact continues in quite hard rock with copper staining <u>now</u> showing in every round. Nothing has occurred since our last report to change our opinion that the Dunkel vein should be encountered within the next 50 feet or thereabouts.

Yours very truly,

Murray A. Schutz

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

April 26, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X

Contract No. Idm-E 153 Amended

Commodity Copper

Operator Murray A. Schutz

Property Nevada Belevue Mine (Marshall Mine)
Elko County, Nevada

By Henry W. Jones

Dated April 26, 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II (w/copy of report)
R. M. Smith-USGS (w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.
APR 29 9 44 AM '55

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1955

INTERIM REPORT

Docket No.: DMA-67X - Copper

April 26, 1955

Name and address of operator: Marshall Mining Co., Contact, Nevada

Assigned to: Murray A. Schutz, Pres., American World Exploration Co., Room 602, 127 Montgomery Street, San Francisco, California

Name and location of property: Nevada Belevue Mine (Marshall mine) Elko County, Nevada

Contract No.: Idm-E153 Amended

SUMMARY AND CONCLUSIONS

The Marshall mine was inspected on April 12, 1955 to check the amount of work performed under DMEA exploration since the prior visit of March 19-20, 1955 by Glenn G. Gentry of the Bureau of Mines. Mr. Leo Bricker, mine foreman, assisted in the advance measurements.

The West drift was driven an additional 40 feet, and continued southwesterly within a massive granite. A 4 to 6 inch oxidized fault zone containing copper carbonates was noted 15 feet back from the face.

The operator was of the opinion that the fault encountered had the wrong strike - dip and was too small in extent to be the sought after extension of the Dunkle vein. Drifting is continuing into a more oxidized granitic structure.

WORK COMPLETED

Drifting at the mine was continued S. 72° W. along the West drift for an additional advance of 40 feet. Total footage advance on the West drift was 222 feet. Total drifting under terms of the contract was 731 feet. Soft blocky ground necessitated the timbering and lagging of a considerable part of the adit up to 35 feet from the face.

Exploration is continuing on a one shift basis; two men being employed on a 6-day basis.

Two samples taken are as follows:

Sample No.	%, Cu	Description
183	2.35	Six inch width, oxidized fault breccia, recemented, copper carbonate stain.
184	0.33	Four inch width, parallel fault; no apparent mineralization.

COMMENTS

A small mineralized vein, encountered about 15 feet back from the face, contained considerable copper stain and iron oxides. A parallel fissure was noted about 4 feet west but apparently was unmineralized. These structures had a strike of N. 35° E. and dipped 68° E. Inasmuch as the sought after Dunkle vein, noted on an upper level, contained several feet of fault gouge and had a different strike, drifting is continuing in a slightly oxidized granite.

Henry W. Jones

Henry W. Jones
Mining Engineer

R m E a

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
APR 15 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

April 8, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 67X

Contract No. Idm-E 153, Amended

Commodity Copper

Operator Murray A. Schutz

Property Marshall Mine (Nevada Belevue Mine)
Elko County, Nev.

By Glenn G. Gentry

Dated April 4, 1955

S. Ricker
S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments 4

Copy to: Finance Officer, Region II(w/copy of report)
R. M. Smith-USGS(w/copy of report)

BUREAU OF MINES
WASHINGTON, D. C.

APR 13 8 30 AM '55

DEPARTMENT OF THE INTERIOR
Bureau Minerals Administration
RECEIVED
APR 15 1955

INTERIM REPORT

Docket No.: DMA-67X - Copper April 4, 1955

Name and address of operator: Marshall Mining Company
Contact, Nevada

Assigned to: Murray A. Schutz, Pres.,
American World Exploration Co.,
Room 602
127 Montgomery Street
San Francisco, Calif.

Name and location of mine: Nevada Belevue Mine (Marshall Mine)
Elko County, Nevada

Contract No.: Idm-E153, amended

SUMMARY

The Marshall Mine was visited on March 19 and 20, 1955 for the purpose of inspecting work performed by the applicant under the DMEA exploration contract. During the inspections the examining engineer was accompanied by Mr. Leo Bricker, mine foreman, representing the American World Exploration Company. Mr. G. B. Porter, Manager, was not at the mine and therefore was not available for consultation.

Under date of March 16, 1955, Amendment No. 3 was approved. The American World Exploration Company employees have continued to advance the West drift in a southwesterly direction for the purpose of contacting the downward extension of the Dunkle vein. However, up to the date of the inspection, no important exposure

of quartz or copper mineralization had been encountered. Exploration work is continuing with three miners employed on a one shift per day and a 6 day per week basis. The work performed by the applicant is considered as being satisfactory to the Government.

FINANCIAL REPORT

The approved estimated costs of the project by Amendment No. 3 are itemized as follows:

Actual cost of the work performed under the prior contract in Stages I and II:	$43,899.80
Agreed unit costs, Stage II:	
1,015.6 feet (rounded) drifting and cross-cutting @ $30.25 per foot	$30,721.57
Estimated total cost of the project	$74,621.37

Government participation @ 50% = $37,310.68

EXPENDITURES

Month	Drift Progress Feet	Drift Progress Cumulative	Cost Per Foot	Expended Monthly	Expended Cumulative
Sept. 1953	50	50	$30.25	$1,512.50	$ 1,512.50
Oct. "	64	114	"	1,936.00	3,448.50
Nov. "	-	114	"	-	3,448.50
Dec. "	-	114	"	-	3,448.50
Jan. 1954	-	114	"	-	3,448.50
Feb. "	-	114	"	-	3,448.50
March "	38	152	"	1,149.50	4,598.00
April "	35	187	"	1,058.75	5,656.75
May "	6	193	"	181.50	5,838.25
June "	-	193	"	-	5,838.25
July "	25	218	"	756.25	6,594.50
Aug. "	91	309	"	2,752.75	9,347.25
Sept. "	92	401	"	2,783.00	12,130.25
Oct. "	76	477	"	2,299.00	14,429.25
Nov. "	70	547	"	2,117.50	16,546.75
Dec. "	53	600	"	1,603.25	18,150.00
Jan. 1955	60	660	"	1,815.00	19,965.00
Feb. "	75	735	"	2,268.75	22,233.75

Unexpended = $8,487.82

WORK COMPLETED

Southwest drift:

	Feet
Previously reported	115.4
Advance 1/28 - 3/20/55	-
Total	115.4

Northwest crosscut:

Previously reported	244.1
Advance 1/28 - 3/20/55	-
Total	244.1

Southwest drift off Northwest crosscut:

Previously reported	149.6
Advance 1/28 - 3/20/55	-
Total	149.6

West drift off Southwest drift:

Previously reported	56.0
Advance 1/28 - 3/20/55	125.8
Total	181.8

Total drifting: 690.9 feet

Timber sets installed:

Previously reported	40 sets
Installed 1/28 - 3/20/55	9 "
Total	49 "

Contract Period:

Amendment No. 3, dated March 16, 1955, states: "The completion period is further extended from "prior to April 1, 1955 to prior to August 1, 1955". The unexpended contract time, therefore, is four months.

GEOLOGY

The West drift has been extended through a zone of fractured granitic material, usually containing some gouge along the fracturing. Near the face of the drift some major faulting, having a general strike of north to northeast, has been encountered. The footwall of the fault is nearly vertical and the hanging wall dips 82 degrees west. The distance between the walls is approximately 20 feet. The fault material appears to be principally a light colored decomposed granite, showing a heavy clayey gouge which is probably composed of altered, slickensided feldspars and mica. There appears to have been considerable movement in this area, and a small amount of water is dripping from the back of the drift. Timber supports will be required. A small amount of copper stained, white quartz was noted near the face of the drift.

Sample No. BM-1514 assayed 0.02% Cu.

Glenn G. Gentry
Mining Engineer

Form MF-104 (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

Month of March, 1955 Docket No. DMEA 07X Contract No. IDM-E 153 (AMENDED)
Operator's Name Murray A. Schutz Minerals COPPER
Address 127 Montgomery St., San Francisco, Calif.
Contract Amount, $ Government Participation 50 % Amount, $

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
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Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1512.50	22,233.75	23,746.25			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 14, 55 *Payee Murray A. Schutz
Per [signature] Title Operator

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(Instructions on reverse)

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

$ 756.25

Signature
(Authorized Certifying Officer)

Date APR 21 1955 Vou. No. SF-DMEA-20

(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-E153 in accordance with the terms of the contract.

Signature John D. Warne Title Mining Engineer Date 4/18/55

John D. Warne

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Executive Officer DMEA Field Team

Signature S. Ricker Title Region II Date 4/18/55

S. Ricker

MONTHLY REPORT OF OPERATOR

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
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APR 25 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1955 Docket No. DMEA 678 Contract No. IDM-E 153
Operator's Name MURRAY A. SCHUTZ Minerals (Amended) Copper
Address 127 Montgomery Street, San Francisco 4, Calif.

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	1	1512.50	50	23,746.25	785	30.25	10156	30.25
Crosscutting								
Raising								30721.57
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1512.50		23,746.25				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								30721.57

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 14, 1955 Operator MURRAY A. SCHUTZ

Per [signature] Title Operator

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)

[signature]

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

MURRAY A. SCHUTZ
127 MONTGOMERY STREET
SAN FRANCISCO 4, CALIFORNIA

April 18, 1955

Defense Minerals Administration
RECEIVED
APR 25 1955

TELEPHONE
YUKON 6-5588

S. Ricker
Executive Officer
DMEA Field Team, Region II
1603 Evans Avenue
Reno, Nevada

Dear Mr. Ricker:

Enclosed herewith please find five copies each of our "Operator's Unit Cost and Progress Report" and "Operator's Monthly Report and Voucher" for March 1955.

The work at Contact is progressing slowly but steadily. Recently we cut a narrow vein which for the moment at least we are assuming is approximately parallel to the main vein for which we are driving. Mr. Porter took a sample from this vein last Saturday April 9th and a copy of Hanks Assay ticket is enclosed herewith.

We feel that we are now definitely into the so called Dunkel Zone of mineralization and have every hope and expectation of finding the main vein not more than 100 feet ahead of our present drift face. Present indications are that we will find the vein in firm ground and carrying commercial grade ore.

Yours very truly,

Murray A. Schutz

MAP

BELONGS

HERE

D.M.E.A

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, California
1605 Evans Avenue, Reno, Nev.

Date:
March 8, 1955

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA 67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Co.

Property - Marshall Mine, Elko County, Nev.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 14 1955

By R. W. Osterstock

Dated March 3, 1955

Executive Officer,
DMEA Field Team, Region III

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region III (with copy of report)

BUREAU OF MINES
WASHINGTON, D. C.

MAR 14 10 26 AM '55

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Mineral Deposits Branch
4 Homewood Place
Menlo Park, California

March 3, 1955

DEPARTMENT OF THE INTERIOR
Bureau of Mines Minerals Administration
RECEIVED
MAR 14 1955

Memorandum

To: DMEA Field Team, Region II

From: R. W. Osterstock

Subject: Docket No. DMEA-67X, (Copper), Marshall Mining Company, Marshall Mine, Elko County, Nevada
Contract No. Idm-E153
Interim Inspection

A brief inspection of the Marshall Mine, DMEA docket 67X, Contract Idm-E153, in Elko County, Nevada was conducted on January 28, 1955 by R. W. Osterstock (U.S.G.S.) and G. G. Gentry (US.B.M.). Mr. Leo Bricker, mine foreman, was present during the inspection.

Since my last inspection during late September 1954 the operators had driven southwesterly about 150 feet. This work started on what was thought to be the offset extension of the Nevada-Bellevue vein; however, this structure is progressively less persistent and less well mineralized to the southwest. About 80 feet from the North crosscut the structure stopped abruptly in a north-striking, west dipping shear zone. From this point on the operators drove in a southerly direction until stopped in what is reported by Bricker to be a heavy fault zone. The face of this southerly crosscut has not been mucked out, consequently examination of this portion of the workings is impossible.

The value of the work in this South crosscut is doubtful as it had no target previously recommended nor was advice requested.

It seems fairly certain that the north-striking fault zone near USBM Station #3 in the North crosscut is the main fault in the immediate area and that this fault has offset the Nevada-Bellevue vein northward. The exact relation of the Dunkle vein to the Nevada-Bellevue vein is not clear; however, the similarity of attitude and mineral content suggests these structures are genetically related if not actually the same. It is possible that the small mineralized showing on which the South crosscut was started actually is the Nevada-Bellevue structure which in this area did not receive sufficient mineralizing solutions to provide an economic vein.

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RENO, NEVADA

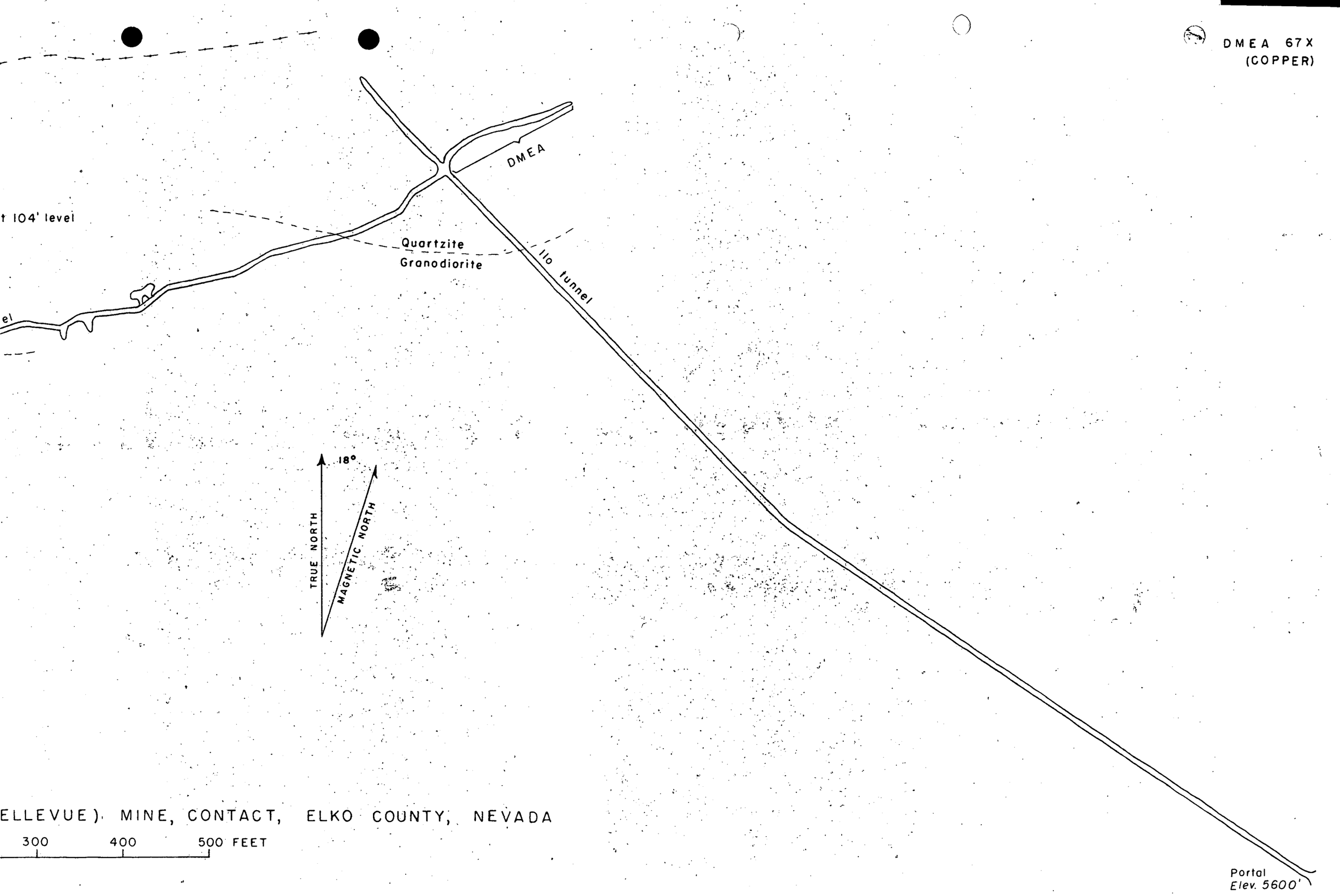
It now seems advisable to continue the West crosscut in order to intersect the Dunkle vein where projected to the Ilo tunnel level.

It is recommended that the operator continue crosscutting in a southwesterly direction to intersect the down dip projection of the Dunkle vein.

R. W. Osterstock

Distribution:
Field Team, Reg. II (6)
Osterstock (2)
Files

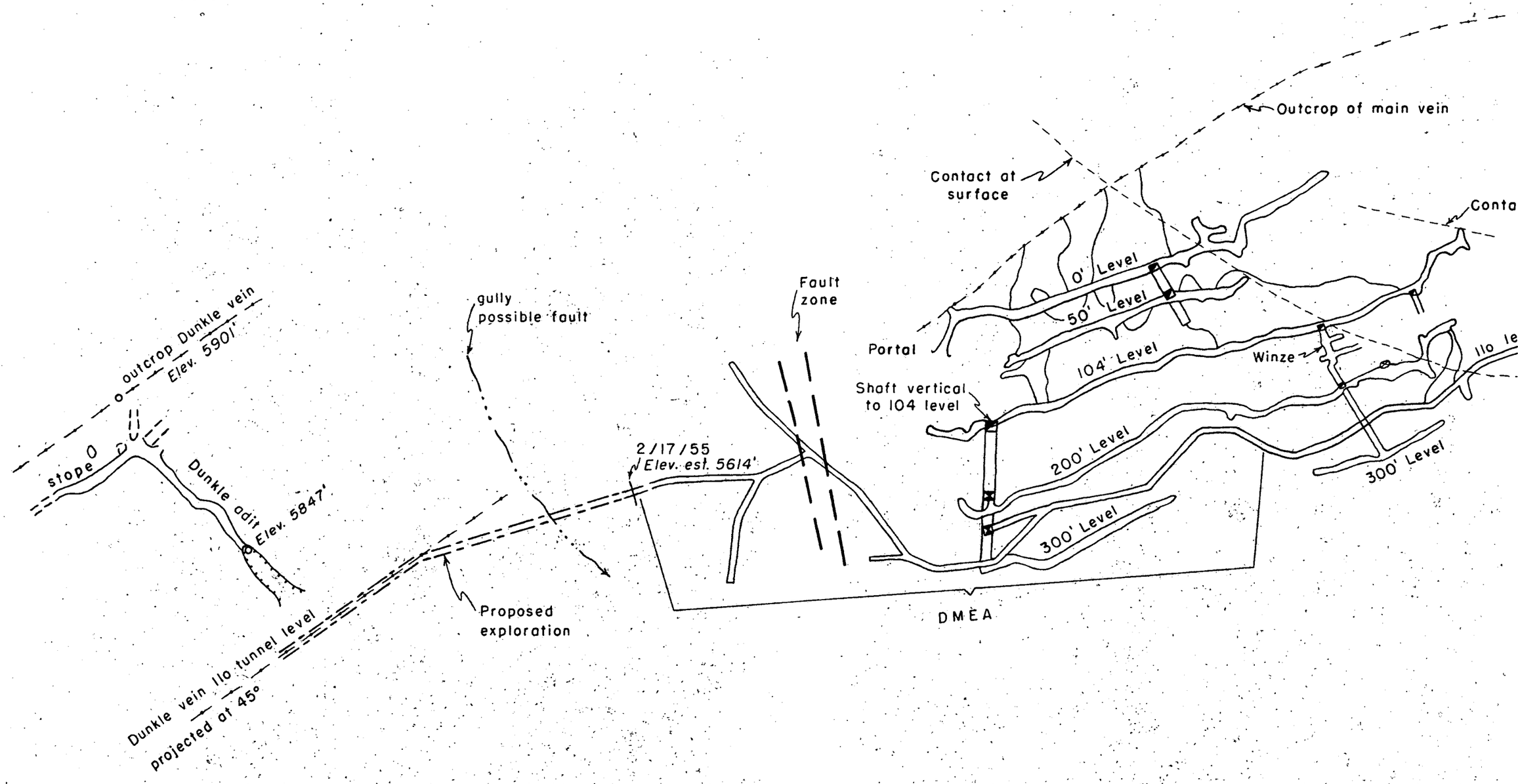
DMEA 67X
(COPPER)



ELLEVUE) MINE, CONTACT, ELKO COUNTY, NEVADA

300 400 500 FEET

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Modified after Company maps, 1955
and F.C. Schrader U.S.G.S. Bulletin 847-A, 1935

GEOLOGIC SKETCH MAP OF MARSHALL (NEVADA-B

0 100 200

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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APR 11 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Memorandum

1605 Evans Avenue
Reno, Nevada

Date: April 7, 1955

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Reports - Forms MF-104 and MF-104A

Attached are two copies of each of the subject report(s) received from the operator as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E153 DMEA-67X	Murray A. Schutz	3/28/55	February 1955
Idm-E625 DMEA-3103	Caviglia & Parodi	1/4/55	December 1954

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: H. C. Miller
R. M. Smith
File

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February 195 5 Docket No. DMEA 67X Contract No. IDI-B 153 (Amended)

Operator's Name Murray A. Schutz Minerals Copper

Address 127 Montgomery St. San Francisco, Calif.

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

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 75'	2,268.73	19,965.00	22,233.73			
(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	2,268.73	19,965.00	22,233.73			

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

Date Mar. 28, 1955 *Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$ 1134 38

Lloyd H. Sjolander
Authorized Certifying Officer

Signature (Authorized Certifying Officer)

Date Vou. No. SE-DMEA-29

(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-E153 in accordance with the terms of the contract.

Signature Glenn G. Gentry Title Mining Engineer Date April 1, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer DMEA Field Team, Region II Date April 1, 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1955 Docket No. DMEA 67X Contract No. IDM-E 153

Operator's Name Murray A. Schutz Minerals (Amended)

Address 127 Montgomery Street, San Francisco, Calif. Copper

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
	1'	2,268.75	75	22,233.75	735	30.25		30.25
Drifting							1015.6	
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,268.75		22,233.75				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs			0					
New Buildings, Improvements, etc.								
TOTAL COSTS					Stage II			

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

Date Mar. 28, 1955 Operator Murray A. Schutz

Per Murray A. Schutz Title Operator

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

MURRAY A. SCHUTZ
127 MONTGOMERY STREET
SAN FRANCISCO 4, CALIFORNIA

G Gentry

3/29/55

March 28, 1955

TELEPHONE
YUKON 6-5588

~~AIR MAIL~~

Mr. A. C. Johnson
Chief Mining Division, Region III
Bureau of Mines
P. O. Box 1551
Reno, Nevada

Dear Mr. Johnson:

Enclosed are five copies each of our "Operator's Unit Cost and Progress Report" and "Operator's Monthly Report and Voucher" for the month of February.

We are continuing the drift to the West hoping to intersect the downward project of the Dunkel ore body.

It would appear that we are now going through a second fault to the west of the one previously cut.

Very truly yours,

Murray A. Schutz

MAS:mw
Enclosure

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
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1955 MAR 31 AM 8:50

SAN FRANCISCO, CALIFORNIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 4 - 1955

Office of
Executive Officer
DMEA Field Team
Region ~~III~~

420 Custom House
555 Battery Street
San Francisco 11, California

Date: February 28, 1955

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA - 67X

Contract Idm-E 153 (Amended)

Commodity Copper

Operator - Marshall Mining Co.
Murray A. Schutz, Assignee

Property - Neveda Bellevue Mine
Elko County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated February 24, 1955

Executive Officer,
DMEA Field Team, Region ~~III~~ II

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region ~~III~~ II (with copy of report)

OF THE INTERIOR
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INTERIM REPORT

Docket No.: DMA-67X (Copper) February 24, 1955

Name and address of operator: Marshall Mining Co., Contact, Nev.

Assigned to: Murray A. Schutz, Pres., American World Exploration Co., Room 602, 127 Montgomery St., San Francisco, Calif.

Name and location of mine: Nevada Bellevue Mine Elko County, Nevada

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall Mine was visited on January 28, 1955 for the purpose of inspecting work performed by the applicant under the DMEA exploration contract. During the inspection the examining engineer was accompanied by Mr. Leo Bricker, mine foreman, representing the operator, and Mr. R. W. Osterstock, geologist, USGS. Mr. R. M. Smith, geologist, USGS also inspected the mine on this date. Mr. G. B. Porter, manager for the lessee, was reported to be in San Francisco, Calif. and was not available for consultation.

Under date of November 12, 1954, the Marshall Mining Co. assigned the exploration contract to Mr. Murray A. Schutz whose address is reported to be Room 602, 127 Montgomery Street, San Francisco, Cal.; and on November 26, 1954, the Government's consent to this assignment, without releasing the Assignor from any of the terms, provisions, and

conditions of the amended contract, was signed by the Administrator, DMEA.

Since the last inspection on November 10, 1954, the operator has completed and abandoned drifting in a southwesterly direction and has resumed drifting in a nearly due westerly direction for the purpose of exploring for the downward continuation of the Dunkle vein. Practically no copper mineralization has been disclosed in the above drifting.

The ventilation of the drifts is only fair and the installation of a larger ventilating fan is recommended.

The operator has discontinued the production of copper ore above the Ilo level due to the decreasing grade of the ore. It is apparent that Mr. Porter, resident manager for the operator and assignee, is spending only a small portion of his time at the mine. The examining engineer considers that this lack of supervision has contributed to decreased progress.

FINANCIAL REPORT

Exhibit "A", estimated costs, states: Actual work performed under the prior contract in Stages 1 & 2 $50,421.37*

*Subject to final audit.

The interim audit, dated October 26, 1953 for the period October 7, 1951 to September 28, 1952, disclosed the following facts in regard to the amount to be paid to the contractor:

Total as billed by the contractor		$50,932.02
Less proceeds from property disposition		6,534.00
Net billed cost		$44,398.02
Exceptions (see audit report for details) during this audit		498.22
Total accepted cost		$43,899.80

Government participation @ 50% = $21,949.90

Assuming the total cost of		$43,899.80
Add agreed unit costs, Stage 2:		
600 feet of drifting @ $30.25/ft.	$18,150	
100 feet of raising @ $30.25/ft.	3,025	
100 feet of sublevel drifting @ $30.25/ft.	3,025	
		24,200.00
Total approved costs of Stages 1 and 2		$68,099.80

Government participation @ 50% = $34,049.90

Less total expenditures under Stage 1	43,899.80
Approved costs of Stage 2	$24,200.00

EXPENDITURES

Month	Drift Progress Feet	Drift Progress Cumulative	Cost per foot	Expended Monthly	Expended Cumulative
Sept. 1953	50	50	$30.25	$1,512.50	$ 1,512.50
Oct. "	64	114	"	1,936.00	3,448.50
Nov. "	-	114	"	-	3,448.50
Dec. "	-	114	"	-	3,448.50
Jan. 1954	-	114	"	-	3,448.50
Feb. "	-	114	"	-	3,448.50
Mar. "	38	152	"	1,149.50	4,598.00
Apr. "	35	187	"	1,058.75	5,656.75
May "	6	193	"	181.50	5,838.25
June "	-	193	"	-	5,838.25
July "	25	218	"	756.25	6,594.50
Aug. "	91	309	"	2,752.75	9,347.25
Sept. "	92	401	"	2,783.00	12,130.25
Oct. "	76	477	"	2,299.00	14,429.25
Nov. "	70	547	"	2,117.50	16,546.75
Dec. "	53	600	"	1,603.25	18,150.00

Unexpended: $6,050.00

WORK COMPLETED

		Feet
Southwest drift:	Previously reported	115.4
	Advance 11/10/54 - 1/28/55	-
	Total	115.4
Northwest crosscut:	Previously reported	244.1
	Advance 11/10/54 - 1/28/55	-
	Total	244.1
Southwest drift off Northwest crosscut:		
	Previously reported	92.6
	Advance 11/10/54 - 1/28/55	57.0
	Total	149.6
West drift off Southwest drift:		
	Previously reported	-
	Advance 11/10/54 - 1/28/55	56.0
	Total	56.0

Total drifting: 565.1 feet

Timber sets installed:	Previously reported	33 sets
	Installed 11/10/54 - 1/28/55	7
	Total	40

Contract period:

Contract dated May 29, 1953 and is to be completed prior to June 1, 1954.

Amendment No. 1, dated May 28, 1954, extends the period for completion of the project to "prior to January 1, 1955".

Amendment No. 2, dated December 15, 1954, extends the period for completion to "prior to April 1, 1955".

Based upon the progress of drifting for the past six months, which has averaged only 68 feet per month, it appears unlikely that the project will be completed by April 1, 1955.

GEOLOGY

The Southwest drift has been extended principally through a coarse grained, blocky granite which carries a considerable amount of mica in the form of biotite. No important occurrences of quartz or copper mineralization were observed in this granite. At approximately 15 feet north of the face of this drift, the Ilo fissure was intersected. The fissure strikes generally in an easterly and westerly direction, has a width of 3.2 feet and dips approximately 28° S. A narrow quartz vein was observed on the footwall of the fissure, however, very little copper mineralization was noted. Considerable gouge is found on both walls of the fissure.

The operators extended the drift for a distance of 15 feet south of the Ilo fissure and reported that another small parallel fissure was intersected. This fissure carried considerable heavy gouge and water, and caving started almost immediately. It was impossible for the examining engineer to enter the caved area for inspection. Due to the caving conditions, the operators abandoned the work and returned to a point approximately 50 feet west of the Northwest crosscut and started drifting nearly due west in a further attempt to intersect the Dunkle vein. This drift had been extended a distance of 56 feet through blocky granite in which no copper mineralization was observed.

SAMPLING

Sample No. 1490, width 1.7 feet, was taken on the west side of the Southwest crosscut on the footwall of the Ilo vein. This was a narrow disclosure of quartz. The sample assayed as follows: 0.38% Cu, trace of Au, and 0.35 oz. Ag per ton. No other samples were taken, as no mineralization was observed, and no samples were taken in the new West drift for the same reason.

Glenn G. Gentry
Mining Engineer, DMEA

MAP

BELONGS

HERE

Division of the Atomic
Energy Minerals Administration
RECEIVED
MAR 31 1955

1605 Evans Avenue
Reno, Nevada

March 29, 1955

Dma-67X

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

Bobby

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Reports - Forms MF-104 and MF-104A

Attached are two copies of each of the subject report(s) received from the operator as listed below. These report(s) have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E153	Murray A. Schutz	2/25/55	January 1955

S. Ricker

Attachments

SRicker:gh
cc: H. C. Miller
R. M. Smith
File

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 31 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1955 Docket No. DMEA 67X Contract No. 104-2153
Operator's Name Murray A. Schutz Minerals (Amended)
Address 127 Montgomery St. San Francisco, California Copper
Contract Amount, $ Government Participation: 50 % Amount, $

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 60'	1,815.00	18,150.00	19,965.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,815.00	18,150.00	19,965.00			

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

Date February 25, 55 Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$ 907.50

Signature [signature]
(Authorized Certifying Officer)

Date MAR 28 1955 Vou. No. SF-DMEA-27

(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-E153 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date March 18, 1955

Henry W. Jones

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Executive Officer

Signature S. Ricker Title DMEA Field Team Date March 18, 1955

S. Ricker Region II

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 2-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR 1955
Defense Minerals Administration
RECEIVED
MAR 31 1955
IDM

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1955 Docket No. DMEA 672 Contract No. IDM-2153

Operator's Name Murray A. Schutz Minerals (Amended)

Address 127 Montgomery Street, San Francisco, California Copper

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	1'	1,815.00	60	19,965.00	660	30.25	1015.6	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,815.00		19,965.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS					Stage II			

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. 25, 1955 Operator Murray A. Schutz

Per [signature] Title Operator

→ 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

February 25, 1955

Mr. A. S. Johnson
Chief Mining Division, Region III
Bureau of Mines
P. O. Box 1551
Reno, Nevada

Dear Mr. Johnson:

Enclosed herewith are five copies each of our "Operator's Unit Cost and Progress Report" and "Operator's Monthly Report and Voucher" for January 1955.

You will note that on the Operator's Unit Cost Sheet I did not fill in the number of units authorized by contract because Mr. Rieber just advised me by phone that the amended contract had not yet been returned to him from Washington, but that he expects to receive it during the coming week. On the Operator's Monthly Report I did not fill in the contract amount for the same reason.

The work is progressing steadily at Contact, and we have high hopes that when we get through the next fault, which is now only a matter of 60 or 70 feet away, that we will be into the Dunkel mineralization and will be drifting on ore.

Very truly yours,

Murray A. Zakarka

MAZ/gmm

COPY

Form MF-101 (Rev.)
(April 1[illegible])

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
FEB - 1 1955

Month of [illegible], 195[illegible] Docket No. DMEA 67X Contract No. IDM-E153
Operator's Name MURRAY A. SCHUTZ (AMENDED)
Address 127 MONTGOMERY STREET, SAN FRANCISCO, CALIF.
Contract Amount, $ Government Participation: 50 % Amount, $ 37,310.68

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 53'	1603.25	16,546.75	18,150.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1603.25	16,546.75	18,150.00			

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

Date JAN. 20, 1955 *Payee MURRAY A. SCHUTZ

Per [signature] Title OPERATOR

*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:

$ 801.63

Lloyd H. Sjolander
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date JAN 26 1955 Vou. No. SF-DMEA-19

(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. Dm-2153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Mining Engineer Date January 24, 1955

A. C. Johnson Region II

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Executive Officer

Signature S. Ricker Title DMEA Field Team Date January 25, 1955

S. Ricker Region II

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)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 1955

Month of DECEMBER 1954 Docket No. DMEA 67X Contract No. IDM-E1535
Operator's Name MURRAY A. SCHUTZ Minerals (AMENDED)
Address 127 MONTGOMERY STREET., SAN FRANCISCO, CALIF. COPPER

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	1'	1603.25	53	18,150.00	600	30.25	600	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1603.25		18,150.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS					STAGE II			24,200

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. 20, 1955 Operator MURRAY A. SCHUTZ

Per [signature] Title OPERATOR

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.

U. S. GOVERNMENT PRINTING OFFICE 205676

MURRAY A. SCHUTZ
127 MONTGOMERY STREET
SAN FRANCISCO 4, CALIFORNIA

January 20, 1955

TELEPHONE
YUKON 6-5588

Mr. A. C. Johnson
Chief Mining Division, Region III
Bureau of Mines
P. O. Box 1551
Reno, Nevada

Dear Mr. Johnson:

Enclosed herewith are five copies each of our "Operator's Unit Cost and Progress Report" and "Operator's Monthly Report and Voucher" for December 1954.

We have finished the southerly crosscut to a point beyond the projection of the Ilo vein through the first fault and are now driving westerly for the projection downward of the Dunkel ore body.

I believe we will have to go through another fault before we pick up the Dunkel ore body and will push this work as rapidly as circumstances permit.

Yours very truly,

Murray A. Schutz

DMA 4353

SEMI-ANNUAL DMEA REPORT

Docket No.: DMA-67X (Copper) December 31, 1954

Contract No.: Idm-E153 and Idm-E153 - amended

Period: (Second) July 1, 1954 to December 31, 1954

Date of contract: September 19, 1951

Exploration work completed: 9/27/52 - original contract
Suspended - 10/30/53 - amended contract
Resumed - 2/15/54 - " "
Suspended - 5/15/54 - " "
Resumed - 7/26/54

Amendment No. 1 permitted operator to pay the increased wage scale prevalent in the area at that time.

Amendment No. 2 extended the completion date to Sept. 28, 1952.

Contract amended May 29, 1953.

Amendment No. 1: May 28, 1954 extends the period for completion of the project to "prior to January 1, 1955."

Amendment No. 2: Dec. 15, 1954 extends the period for completion to "prior to April 1, 1955."

On November 12, 1954, the Marshall Mining Co. assigned the amended exploration contract to Murray A. Schutz, operator of the property under the name of the American World Exploration Co. The DMEA consented on November 26, 1954 to this assignment.

Name and address of operator: American World Exploration Co.,
127 Montgomery Street
San Francisco, Calif.

(Murray A. Schutz, President; Jacob M. Porter, Vice President and Manager of operations).

Former operator: The Marshall Mining Co., George V. Marshall, Maurice N. Marshall, and Mrs. Virgil L. Marshall, partners, 1355 Bay Street, San Francisco, Calif.

Name and location of property: Marshall Mining Co., Elko County, Nev.

Located about 2.0 miles northwest of the old town of Contact, Nevada, in section 13, T. 45 N., R. 63 E., M.D.B.&M., Salmon River Mining District.

Date certified:

It was recommended that a certificate of discovery be made on February 16, 1953 by a memorandum to the Executive Officer, DMEA Field Team, Region III. Actual certification was made by the Administrator, DMEA, to the Marshall Mining Co. on March 16, 1953.

Expenditures:

Prior contract: (Final settlement)

Operator	Government	Total
$21,949.90	$21,949.90	$43,899.80

Amended contract: (To date)

$ 8,273.375	$ 8,273.375	$16,546.75

Statement of operations:

Production during the period comprised 366 dry tons of oxidized copper ore averaging about 3.71 percent copper per ton. The total value of this ore was $5,225.22; freight charges amounted to $1,364.22; leaving a net value of the ore at $3,861.00.

Royalty payments were $130.01, about 3.4 percent of the net returns. Smelter settlement sheets were furnished the Mining Section, Region II by the Regional Office.

Remarks:

Exploration work under the amended contract is being continued by the new operator. Production of copper ore has been intermittent due to the difficulty of maintaining shipping grade ore. Net smelter returns from the production of 7,387 tons since August 1, 1952 was $73,786.52 with royalty payments of $3,191.96.

A. C. Johnson
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPT. OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 7 1955

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, California

Date: January 3, 1955

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region ~~XXXX~~ II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA-67X

Contract Idm-E 153 (Amended)

Commodity Copper

Operator - Marshall Mining Company

Property - Nevada Bellevue Mine
Elko County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated December 9, 1954

Executive Officer,
DMEA Field Team, Region III

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region III (with copy of report)

of the INTERIOR
Minerals Administration
RECEIVED
JAN 7 1955

INTERIM REPORT

Docket No.: DMA-67X (Copper) December 9, 1954

Name and address of operator: Marshall Mining Co., Contact, Nev.

Office: 36 Fifth Street, San Francisco, Calif.

Name and location of property: Nevada Bellevue Mine Elko County, Nev.

Contract No.: Idm-E153 (Amended)

SUMMARY

The Marshall Mine was visited on Nov. 10, 1954 for the purpose of inspecting the work performed by the operator under the exploration contract. During the inspection the examining engineer was accompanied by Mr. Jacob Porter, project engineer for the American World Exploration Co., who are leasing the mining property from the Marshall Mining Co. On the date of this inspection, Mr. Porter had received no word from his San Francisco office relative to Government approval of the contract assignment.

On Sept. 18, 1954, the lessee discontinued the extension of the Northwest crosscut as the objective of this crosscut had been reached and no mineralized areas had been exposed. The lessee then started drifting in a southwesterly direction, by turning from the crosscut at a point 21 feet south of station No. 4, and on the date of inspection had ad-

vanced this drift a total of 92.6 feet.

The purpose of this southwesterly drift was to explore a narrow quartz vein encountered at the intersection of the drift and the crosscut, and to prospect for the southwesterly trending quartz-copper vein which had been followed along the Ilo level.

Progress has been slow, principally due to lack of adequate ventilation equipment. However, the operators have promised to correct this condition as soon as the proper machinery can be obtained and installed.

One miner has been employed, part time, in prospecting for ore of shipping grade above some of the old stopes east of the shaft. This work has been only partially successful and the operators are considering discontinuing further development in these areas.

FINANCIAL REPORT

Exhibit "A" under estimated costs, states:

Actual cost of the work performed under the prior contract in stages 1 and 2 ..... $50,421.37*

*Subject to final audit.

The interim audit, dated Oct. 26, 1953, for the period Oct. 7, 1951 to Sept. 28, 1952, disclosed the following facts in regard to the amount to be paid the contractor:

Total as billed by the contractor		$50,932.02
Less proceeds from property disposition		6,534.00
Net billed cost		$44,398.02
Exceptions (see audit report for details) during this audit		498.22
Total accepted cost		$43,899.80

Government participation @ 50% = $21,949.90

Assuming the total accepted cost of		$43,899.80
Add agreed unit costs, stage 2:		
600 feet of drifting @ $30.25/ft.	$18,150	
100 feet of raising @ $30.25/ft.	3,025	
100 feet of sublevel drifting @ $30.25/ft.	3,025	
		$24,200.00
Total approved costs of stages 1 and 2		$68,099.80

Government participation @ 50% = $34,049.90

Less total expenditures under stage 1	$43,899.80
Approved costs of stage 2	$24,200.00

EXPENDITURES

Month	Drift Progress Monthly Feet	Drift Progress Feet Cumulative	Cost per foot	Expended Monthly	Expended Cumulative
Sept. 1953	50	50	$30.25	$1,512.50	$1,512.50
Oct. "	64	114	"	1,936.00	3,448.50
Nov. "	-	114	"	"	3,448.50
Dec. "	-	114	"	-	3,448.50
Jan. 1954	-	114	"	-	3,448.50
Feb. "	-	114	"	-	3,448.50
March "	38	152	"	1,149.50	4,598.00
April "	35	187	"	1,058.75	5,656.75
May "	6	193	"	181.50	5,838.25
June "	-	193	"	-	5,838.25
July "	25	218	"	756.25	6,594.50
Aug. "	91	309	"	2,752.75	9,347.25
Sept. "	92	401	"	2,783.00	12,130.25
Oct. "	76	477	"	2,299.00	14,429.25

Unexpended: $9,770.75

According to the audit dated Oct. 25, 1954, covering the period August 30, 1952 to July 28, 1954, total sales of copper ore amounted to $79,003.76 and total royalties paid amounted to $3,191.96.

WORK COMPLETED

Southwest drift:

Previously reported	115.4 feet
Advance 7/28-11/10/54	-
Total	115.4 "

Northwest crosscut:

Previously reported	244.1 feet
Advance 9/18-11/10/54	-
Total	244.1 "

Southwest drift off Northwest crosscut:

Previously reported	-
Advance 9/18-11/10/54	92.6 feet
Total	92.6 "

Timber sets installed:

Previously reported	33 sets
Installed: 9/18-11/10/54	-
Total	33 sets

Contract dated: May 29, 1953 and is to be completed prior to June 1, 1954.

Amendment No. 1, dated May 28, 1954, extends the period for completion of the project to "prior to January 1, 1955".

Under date of Nov. 16, 1954, the Marshall Mining Co. and the lessee requested three months additional time in which to complete the contract. Therefore, if approved, the new date of expiration would be

March 31, 1955.

GEOLOGY

The Southwesterly drift off the Northwest crosscut followed a narrow fissure for a short distance, which was filled with quartz carrying copper mineralization. However, this fissure split and pinched out at about 25 feet from the crosscut and no additional significant quartz-copper mineralization was encountered until the drift reached a point 92.6 feet southwest of the crosscut. At this location a fissure 6 inches in width and striking northwest to southeast was encountered. The fissure contained considerable quartz showing copper minerals and sample No. BM-1421 was taken approximately 2 feet east of the face of the drift. This sample showed the following analyses: 0.15% Cu.

The greater portion of the drift has disclosed very slight or no copper mineralization and has been extended through blocky granite. The face of the drift encountered a light gray colored granite which was soft and slickensided and appeared to contain water in varying quantity. Timbering will be required in ground of this character.

Resume:

The absence of ore of shipping grade has continued to be disappointing to the lessee.

Glenn G. Gentry
Mining Engineer

MAP

BELONGS

HERE

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

Defense Minerals Administration
RECEIVED
JAN 14 1955

420 Custom House
555 Battery Street
San Francisco 11, Calif.

January 10, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Preports - Forms MF-104 and MF-104A

Enclosed herewith are two copies of each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-B-153 DMA-67X (Amended)	Murray A. Schutz	December 21, 1954	November 1954
Idm-B147 DMA-292X	California Quicksilver Mines, Inc.	December 24, 1954	November 1954

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: Roscoe Smith, USGS

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

Defense Minerals Administration
RECEIVED
JAN 14 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1954 Docket No. DMEA 67X Contract No. IDM-E153
Operator's Name Murray A. Schutz Minerals (Amended)
Address 127 Montgomery St., San Francisco, Calif.
Contract Amount, $74,621.37 Government Participation: 50 % Amount, $37,310.68

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 70'	2,117.50	14,429.25	16,546.75			
(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	2,117.50	14,429.25	16,546.75			

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

Date 12/01/54 *Payee Murray A. Schutz

Per [signature] Title Operator

*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:

$1058.25

Signature Lloyd H. Sjolander
Authorized Certifying Officer
(Authorized Certifying Officer)

Date JAN 3 1955 Vou. No. SF-DMEA-17

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E192 in accordance with the terms of the contract.

Signature George H. Holmes, Jr. Title Mining Methods Research Engineer Date Dec. 28, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature C. Picker Title Executive Officer, DMEA Field Team, Region III Date December 29, 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
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 1954 Docket No. DMEA 67X Contract No. IDM-E153

Operator's Name Murray A. Schutz Minerals Amended

Address 127 Montgomery St. San Francisco, Calif. Copper

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	1'	2,117.50	70	16,546.75	547	30.25	600	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,117.50		16,546.75				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS					Stage II			$24,200.00

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

Date 12/29/54 Operator Murray A. Schutz

Per [signature] Title Operator

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

MURRAY A. SCHUTZ
127 MONTGOMERY STREET
SAN FRANCISCO 4, CALIFORNIA

December 21, 1954

TELEPHONE
YUKON 6-5588

Mr. A. C. Johnson
Chief of Mining Division
Region 3
Bureau of Mines
P. O. Box 1551
Reno, Nevada

Dear Mr. Johnson:

Enclosed herewith are five copies of the "Operator's Monthly Report and Voucher" and five copies of the "Operator's Unit Cost and Progress Report" for the month of November on the Marshall Mine exploration at Contact, Nevada.

Progress was somewhat slower than hoped for because of heavy ground requiring considerable timbering.

We now feel that within no more than ten days we will complete the southerly cross-cut to a point well beyond the projection of the main vein through the first fault. We have found some copper stained granite and considerable hydrothermal alteration, but no ore. In fact we have found no quartz. We feel now quite confident that we have a pre-mineral fault situation and that in order to find ore in the Dunkel Hill we will have to drive almost straight west for something more than 200 feet.

By no later than the first of the year we expect to make application for an amendment to the contract. We still have high hopes of finding a good orebody in the Dunkel Hill but now realize that there is a bit more work involved in the exploration than was originally anticipated.

Yours very truly,

Murray A. Schutz

MAS:kw.
Encls.

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

DEC - 6 1954

420 Custom House
555 Battery Street
San Francisco 11, Calif.

December 2, 1954

67X

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Operators' Monthly Progress Reports - Forms MF-104 and MF-104A

Enclosed herewith are two copies of each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E153 DMA-67X	Marshall Mining Co.	October 13, 1954	September 1954
" "	" " "	November 16, 1954	October 1954
Idm-E187 DMA-1219X	The Glidden Company	November 11, 1954	October 1954
Idm-E248 DMEA-2082	Mt. Wheeler Mines, Inc.	November 10, 1954	October 1954
Idm-E279 DMEA-2044	Red Cloud Mining Co.	November 16, 1954	May 1954
" "	" " " "	November 16, 1954	June 1954
Idm-E481 DMEA-2866	M. I. A. Mines Company	August 28, 1954	June 1954
" "	" " "	August 30, 1954	July 1954

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
DEC - 6 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1954 Docket No. DMEA 67X Contract No. IDI-E-153
Operator's Name Marshall Mining Co. Minerals Amended
Address Contact, Nevada Copper
Contract Amount, $ 74,621.37 Government Participation: 50 % Amount, $ 37,310.68

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 76'	2299.00	12,130.25	14,429.25			
(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	2299.00	12,130.25	14,429.25			

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

Date Nov. 16, 1954 *Payee Marshall Mining Co.

Per Marvin M. Marshall Title Partner

*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:

$ 1149 50

Lloyd H. Spielmann
Authorized Certifying Officer

Signature
(Authorized Certifying Officer)

Date NOV 26 1954 Vou. No. SF-DMEA-12

(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-E153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div., Region III Date Nov. 17, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller for S. Ricker Title Executive Officer DMEA Field Team Region III Date November 18, 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.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-404A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEC - 8 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October, 1954 Docket No. DMEA 67X Contract No. IDM E 153
Operator's Name Marshall Mining Co. Minerals Amended
Address Contact, Nevada Copper

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	1'	2299.00	76	14,429.25	477	30.25	600	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2299.00	76	14,429.25				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2299.00		14,429.25	Stage II			24,200.00

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 * Oct. 16, 1954 Operator Marshall Mining Co.

Per Maurice M. Marshall Title Partner

REMARKS: Progress has been steady but slowed by lack of proper ventilation equipment which will be installed during November. Progress has been in firm ground.

→ 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)

* Date executed should be November 16, 1954 (in accordance with Operator's transmittal letter of same date. This was obviously a typographical error.)
[illegible]
Executive Officer
DMEA Field Team, Region III

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

[illegible] Street
San Francisco [illegible], California

November 10, [illegible]

[illegible] Corporation
[illegible]
[illegible] Street
San Francisco [illegible], California

Attention: Mr. [illegible], [illegible] Officer
[illegible]

Gentlemen:

Enclosed herewith are [illegible] copies of [illegible] for the [illegible] Voucher [illegible] Operations [illegible] for the month of October, [illegible].

[illegible]

Very truly yours,

[illegible]

By Maurice M Marshall

Encl.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.3
Approval expires 6-30-53.
Defense Minerals Administration
RECEIVED
DEC - 6 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September 1954 Docket No. DMEA 678 Contract No. IDM E153
Operator's Name Marshall Mining Company Minerals Amended
Address Contact, Nevada Copper
Contract Amount, $74,621.37 Government Participation 50 % Amount, $37,310.69

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 92'	2,783.00	9,347.25	12,130.25			
(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	2,783.00	9,347.25	12,130.25			

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

Date Oct. 13, 1954 *Payee Marshall Mining Co.

Per Maurice M. Marshall Title Partner

*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:

$ 1391.50

Signature Lloyd H. Sjolander
Authorized Certifying Officer
(Authorized Certifying Officer)

Date Vou. No. SF-DMEA-13

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div., Region III Date October 14, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date October 15, 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.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEC - 6 1954

Month of Sept. 195 4 Docket No. DMEA 67[illegible] Contract No. 1[illegible]
Operator's Name Marshall Mining Company Minerals [illegible]
Address Tonopah, Nevada [illegible]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	1'	2,783.	92	12,130.25	401	30.25	600	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2783.		12,130.25				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2783.00		12,130.25	Stage II			24,[illegible]

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

Date Oct. 13, 1954 Operator Marshall Mining Co.

Per [signature] Title Partner

REMARKS: All work during the month has been in very hard granite. Poor ventilation is a present problem and we are preparing to install ventilating equipment

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

[illegible] Street
San Francisco [illegible], Calif.

[illegible], 19[illegible]

[illegible] Corporation
Office of [illegible]
[illegible]
[illegible] Street
San Francisco [illegible], California

Attention: Mr. R. C. Miller, Executive Officer

Gentlemen:

Herewith are the required copies of our Progress Report and Voucher for the month of October, 19[illegible].

The [illegible] has been carried in very [illegible] with no timbering required. The lack of ventilation is [illegible] than the [illegible] to ventilate. We intend to install ventilating equipment to correct this problem [illegible].

[illegible] our failure to intersect the vein [illegible], [illegible] in the narrow stringer previously crossed [illegible] in the direction which should [illegible] the main vein [illegible] of the [illegible]. The strike [illegible] ore. [illegible] and the [illegible] continued [illegible].

Very truly yours,

[illegible] MINING COMPANY

Per: Maurice M. Marshall

[illegible]

Encl.

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

420 Custom House
555 Battery Street
San Francisco 11, Calif.

October 6, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMA-67X - Copper
Marshall Mining Company
Marshall (Nevada-Bellevue) Mine
Elko County, Nevada
Contract No. Idm-E153 (Amended)

Relative to the above subject, we are sending the original and three copies of a report of inspection on the subject property by R. W. Osterstock for your information.

S. Ricker for
H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Roscoe Smith, USGS

IN-REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OCT 11 1954

Room 208, 222 So. West Temple
Salt Lake City 1, Utah
September 28, 1954

Refer to	Noted	Date
J Rucker	JR	10/5
Answered		

Memorandum

To: Roscoe M. Smith

From: R. W. Osterstock

Subject: DMEA 67X, (Copper), Marshall (Nevada-Bellevue) Mine,
Elko County, Nevada
Contract Idm-E153

In accordance with your memo request, I visited the property Sept. 22 and 23, 1953. The manager of field operations, Mr. Jacob Porter escorted me through the workings during my visit. The accompanying ozalid of my work sheet will, I believe, enlighten you as to the work presently being done under DMEA auspices.

After encountering the major NW-SE fault in the original E-W crosscut, the operators backed off and started a new crosscut to the NW. The NW-SE fault was again encountered about 15 feet beyond USBM Station No. 3. Apparently considerable difficulty was experienced in getting through the fault zone which is very broken as the walls are lagged solid. Some 25 feet into the hanging wall of the fault the crosscut encountered what must be the offset of the Nevada-Bellevue vein, striking SW and dipping SE. An additional 100 feet of crosscutting beyond the vein exposed no major structures, therefore, it must be presumed that the vein encountered is the true offset extension of the Nevada-Bellevue. The vein is carrying considerable sulfide in its central portion but is as yet too thin to provide for an economic operation. The operators are beginning to drift along the vein but have not as yet progressed very far.

Some ore is being drawn from old stopes above the Ilo level east of the main shaft. About 5 or 6 men are working in the mine at present.

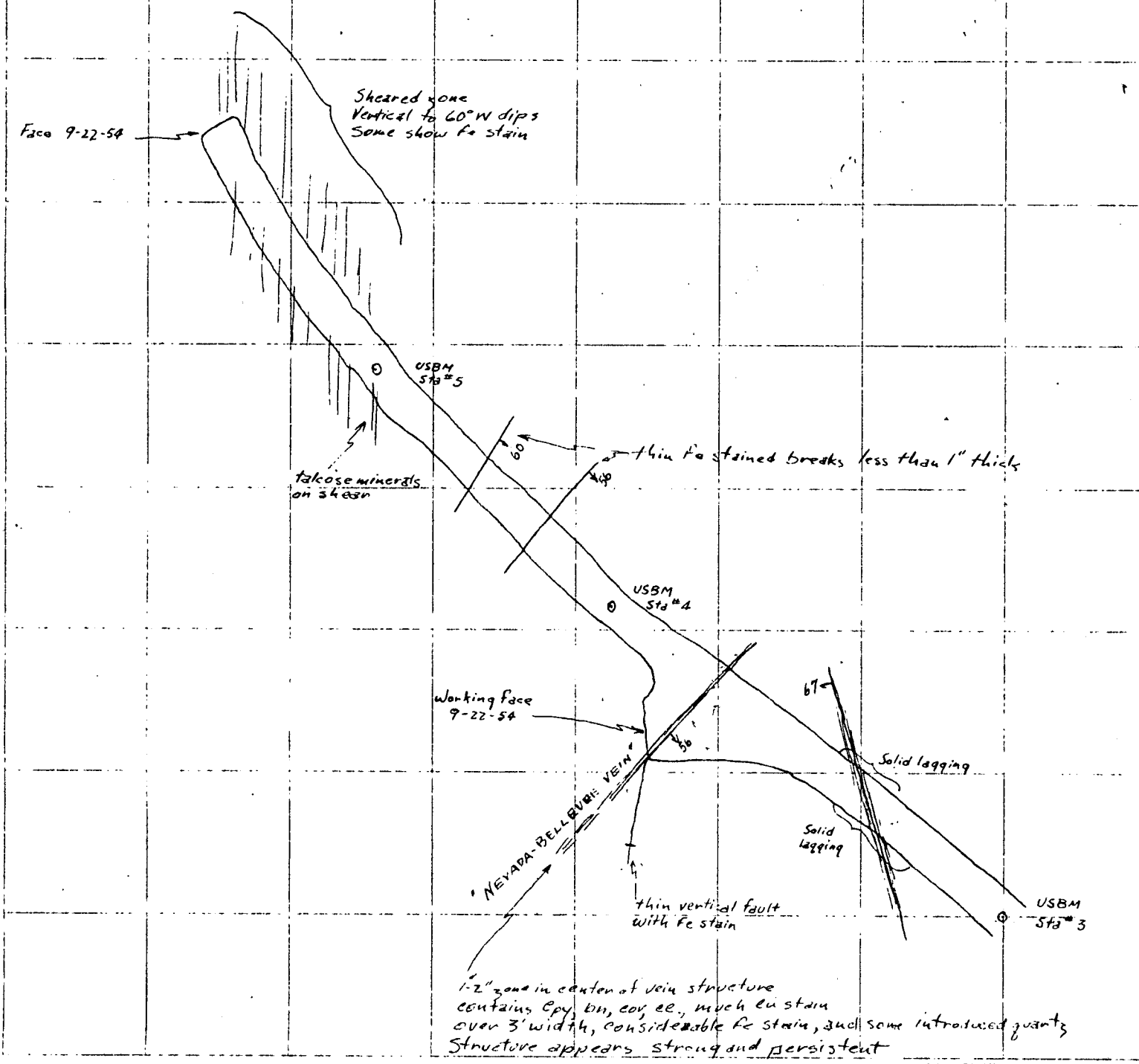
Porter mentioned the possibility of receiving power from the Idaho Power and Light Co. which is considering running a line into this region. If this materializes it should give the district a shot in the arm.

MARSHALL (NEVADA-BELLEVUE) MINE
CONTACT, ELKO COUNTY, NEVADA
DMA 67X

SEPT 22, 1954

Scale
1" = 20'

GEOLOGIC SKETCH MAP OF
WORKINGS ON ILO TUNNEL
LEVEL WEST OF SHAFT



1-2" zone in center of vein structure
contains cpy, bn, cov, ee., much Fe stain
over 3' width, considerable Fe stain, and some introduced quartz
Structure appears strong and persistent

"ALBANENE" NO. 196M K&E CO., N.Y.
REG. U.S. PAT. OFF.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

SAN FRANCISCO, CALIFORNIA.

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 8 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, Calif.

Date: October 4, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Company

Property - Nevada Bellevue Mine, Elko County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated September 30, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

OCT - 8 1954

INTERIM REPORT

Docket No.: DMA-67X (Copper) September 30, 1954

Name and address of operator: Marshall Mining Co.,
Contact, Nev.

Office: 1355 Bay Street
San Francisco, Calif.

Name and location of mine: Nevada Bellevue Mine
Elko County, Nevada

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall mine was visited on September 17 and 18, 1954, for the purpose of inspecting the work performed by the operator under the exploration contract. During the inspection, the examining engineer was accompanied by Mr. Jacob Porter, project engineer for the American World Exploration Company who are leasing the mining property from the Marshall Mining Co.

On the date of this inspection, the assignment of the ex ploration contract from the Marshall Mining Company to the lessee had not been approved by the Government.

The lessee has continued to advance the crosscut in a northwesterly direction. The crosscut has now been extended a total distance of 244.1 feet, and has reached a point almost directly under the surface exposure of a quartz vein which dips approximately 55° southeast.

Very little copper mineralization has been encountered in the crosscut and, therefore, the results of this phase of the exploration has been disappointing to both the operator and the Government. The operator has employed four men who have been working one shift per day and six days per week. Some delays have occurred due to the necessity of replacing broken timber supports and installing additional timbers.

The failure to find an ore body of minable widths and profitable commercial value in the Northwest crosscut has appreciably discouraged the lessee who reports that he expects to reach a decision on or about October 1, 1954 relative to his company's future plans regarding the lease and continued operations.

During this period of operation, the lessee has mined and shipped two cars of copper ore. One car is reported to have assayed 2.41% copper, and the analyses of the other car had not been received.

Due to strike conditions, the American Smelting and Refining Company, Garfield Utah Smelter, have advised the lessee to withhold future shipments pending further instructions and/or settlement of the strike.

The lessee has continued to employ one miner on the production of ore from the old stopes. However, at the time of the inspection, the results of this prospecting had been largely negative.

FINANCIAL REPORT

Exhibit "A" under estimated costs, states:

Actual cost of the work performed under the prior contract in stages 1 and 2	$50,421.37 *

*Subject to final audit.

The interim audit, dated October 26, 1953, for the period 10/7/51 to 9/28/52, disclosed the following facts in regard to the amount to be paid to the contractor:

Total as billed by the contractor		$50,932.02
Less proceeds from property disposition . .		6,534.00
Net billed cost		$44,398.02
Exceptions (see audit report for details) during this audit		$ 498.22
Total accepted cost		$43,899.80

Government participation @ 50% = $21,949.90

Assuming the total accepted cost of		$43,899.80
Add agreed unit costs, Stage 2:		
600 feet of drifting @ $30.25/ft	$18,150	
100 feet of raising @ $30.25/ft	3,025	
100 feet of sublevel drifting @ $30.25/ft.	3,025	
		$24,200.00
Total approved costs of stages 1 and 2		$68,099.80

Government participation @ 50% = $34,049.90

Less total expenditures under stage 1	$43,899.80
Approved costs of stage 2	$24,200.00

Expenditures and progress reported by the operator:

Month	Drift Progress Monthly	Drift Progress Cumulative	Cost per ft.	Expended Monthly	Expended Cumulative
Sept. 1953	50 ft.	50 ft.	$30.25	$1,512.50	$1,512.50
Oct. "	64 ft.	114 ft.	"	1,936.00	3,448.50
Nov. "	None	114 ft.	"	None	3,448.50
Dec. "	"	114 ft.	"	"	3,448.50
Jan. 1954	"	114 ft.	"	"	3,448.50
Feb. "	"	114 ft.	"	"	3,448.50
March "	38 ft.	152 ft.	"	1,149.50	4,598.00
April "	35 ft.	187 ft.	"	1,058.75	5,656.75
May "	6 ft.	193 ft.	"	181.50	5,838.25
June "	None	193 ft.	"	None	5,838.25
July "	25 ft.	218 ft.	"	756.25	6,594.50
Aug. "	91 ft.	309 ft.	"	2,752.75	9,347.25
Total				$9,347.25	

Unexpended: $14,852.75

STATEMENT OF WORK COMPLETED

Southwest drift:

Previously reported	115.4 feet
Advance 7/28-9/18/54	None
Total	115.4 feet

Northwest crosscut:

Previously reported	102.8 feet
Advance 7/28-9/18/54	141.3 feet
Total	244.1 feet

Timber sets installed:

Previously reported	21 sets
Installed 7/28-9/18/54	12 "
Total	33 sets

Contract dated: May 29, 1953, and is to be completed prior to June 1, 1954.

Amendment No. 1, dated May 28, 1954, extends the period for completion of the project to "prior to January 1, 1955".

Unexpended contract time: 3-1/2 months.

Only 59.9 percent of drifting has been completed on the main level, and it appears that additional contract time will be required if the operator completes the project.

GEOLOGY

Since the last inspection on July 27 and 28, 1954, the crosscut has been extended principally through an area of granitic material which has been broken into a "blocky" appearance by numerous expansion and tension fracturing and by a small amount of faulting. The amount of feldspars and micas are approximately the same as noted in the last interim report. Only one narrow fissure, 2 to 3 inches in width and containing copper minerals, was observed.

The face of the crosscut is now nearly vertically under the surface exposure of a quartz vein carrying some copper mineralization, and the fissure intersected in the crosscut is believed to be the downward continuation of the above mentioned surface exposure. One sample, BM-1367, was secured from this fissure at the west side of the crosscut and analyzed 6.28% Cu, 0.025 ounces Au and 1.95 ounces Ag per ton. Due to the fact that no copper mineralization was encountered northwest of this fissure, the operators expect to drift along the fissure in a southwesterly direction for probably 25 to 30 feet in order to explore an unknown area and to ascertain widths and mineralization of the fissure. This drift may also serve to intersect a southwesterly striking narrow

quartz exposure intersected in the crosscut at approximately 26 feet north of the main Southwest drift.

Resume:

The lessee's have repaired and replaced numerous broken timber supports in various places along the Ilo level, and the work presently being conducted is considered as satisfactory to the Government.

Glenn G. Gentry
Mining Engineer

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

CST-4125

420 Custom House
555 Battery Street
San Francisco 11, Calif.

September 29, 1954

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Operators' Monthly Progress Reports - Forms MF-104 and MF-104A

Enclosed herewith are two copies of each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E153 DMA-67X	Marshall Mining Co.	Sept. 7, 1954	August 1954
Idm-E187 DMA-1219X	The Glidden Company	August 13, 1954	July 1954
" "	" "	Sept. 13, 1954	August 1954
Idm-E248 DMEA2082	Mt. Wheeler Mines, Inc.	Sept. 8, 1954	August 1954
Idm-E404 DMA-66X	Ely Valley Mines, Inc.	Sept. 13, 1954	August 1954
Idm-E551 DMEA-2826	Providence Tuolumne Gold Mines, Inc.	August 31, 1954	August 1954

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to: Roscoe Smith, USGS

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

ACCOUNTS SEP 13 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Defense Minerals Administration
RECEIVED
OCT - 4 1954

Month of August, 1954 Docket No. DMEA 67X Contract No. DMI E-153
Operator's Name Marshall Mining Company Minerals Mended
Address Contact, Nevada Copper
Contract Amount, $ 74,621.37 Government Participation: 50 % Amount, $ 37,310.68

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 91'	2752.75	6594.50	9347.25			
(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	2752.75	6594.50	9347.25			

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

Date Sept. 7, 1954 *Payee Marshall Mining Company

Per Maurice M. Marshall Title partner

*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:

$ 1376 37

Signature
(Authorized Certifying Officer)

Date SEP 27 1954 Vou. No. SF-DMEA-7

(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-E153 in accordance with the terms of the contract.

Signature R. C. Johnson Title Chief, Mining Div., Region III Date Sept. 9, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date September 13, 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-204A
(April 1952)

Budget Bureau No. 42-R1651
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

ACCOUNTS SEP 13 1954
Defense Minerals Exploration

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

OCT - 4 1954

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

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

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

Date [illegible] Operator [illegible]

Per [illegible] Title partner

Remarks: [illegible]

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

(Instructions on reverse)

(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

[illegible]
[illegible]

OCT - 4 1954

[illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

Gentlemen:

[illegible]

[illegible]

[illegible]

[illegible]

Very truly yours,

[illegible]

Maurice M. Marshall

[illegible]

8-26-54
Q.G.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, Calif.

Date: August 17, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Company

Property - Nevada Bellevue Mine
Elko County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated August 12, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

INTERIM REPORT

Docket No.: DMA-67X - Copper August 12, 1954

Name and address of operator: Marshall Mining Company
Contact, Nevada

Office: 1355 Bay Street
San Francisco, California

Name and location of mine: Nevada Bellevue Mine
Elko County, Nevada

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall Mine was visited on July 27 and 28, 1954, for the purpose of inspecting work performed by the operator under the exploration contract.

Prior to May 13, 1954 the applicant had temporarily suspended contract operations while waiting for an amendment allowing an extension of contract time and for financial reasons. Contract operations in extending the crosscut, were resumed on July 26, 1954.

During the period of suspended contract operations, the owners granted a short term lease to Mr. Leo Bricker and Associates, who produced and shipped seven car loads of copper ore, which is reported to have an estimated gross value of approximately $4,000. This lease was terminated on July 26, 1954.

The Marshall Mining Company have granted a lease and option to purchase the mining property, together withh all equipment, supplies and buildings, to the American Western Exploration Company, whose address is 127 Montgomery Street (6th floor) San Francisco, California. Officials

of the Company are reported to be: Mr. Murray A. Schutz, President, and Mr. Jacob Porter, Vice President and Manager of Field Operations.

The lease and option has been granted for a period of ten years, on the reported following terms and conditions:

> Down payment: $5,000.
> Royalty: 10% of the net smelter returns.
> An additional payment (amount not reported) is to be made to the Marshall Mining Company on or about October 15, 1954.
> Another payment (which shall bring payments to the amount of $20,000.) to be paid to the Marshall Mining Company prior to February, 1955.

Under these terms and conditions, the American Western Exploration Company have executed the lease and on July 26, 1954, assumed active control of the property under the personal direction of Mr. Jacob Porter, Vice President and Manager of Field Operations, whose present address is Contact, Nevada.

Mr. V. C. Marshall reports that the lessee contemplates payment for the mining property by the sale of stock and from the production and sale of copper ores.

Mr. Marshall further reports that the lessee has made an application to the proper authorities for a permit to sell stock in this enterprise.

During the inspection of the mine, the examining engineer was accompanied by Mr. Leo Bricker, Mine Foreman. Mr. Porter was busy in securing necessary repairs on the storage battery charging generator, but was available for discussions relative to the exploration contract.

In addition to continuing the work under the DMEA contract, the lessee expects to continue the production of copper ores from various stopes above the Ilo Level and to sink a winze below the Ilo Level in a further effort to explore for the downward continuation of the mineralized vein. Mr. Porter advised that necessary additional men and equipment would be provided as required.

FINANCIAL REPORT

Exhibit "A" under estimated costs, states:

Actual cost of the work performed under the prior contract in stages 1 and 2:	$50,421.37*

*Subject to final audit.

The interim audit, dated October 26, 1953, for the period Oct. 7, 1951 to Sept. 28, 1952, disclosed the following facts in regard to the amount to be paid to the contractor:

Total as billed by the contractor:	$50,932.02
Less proceeds from property disposition:	6,534.00
Net billed cost:	$44,398.02
Exceptions (see audit report for details) during this audit:	498.22
Total accepted cost:	$43,899.80

Government participation @ 50% = $21,949.90

Assuming the total accepted cost of		$43,899.80
Add agreed unit costs, stage 2:		
600 feet of drifting @ $30.25/ft.:	$18,150.	
100 feet of raising @ $30.25/ft.:	3,025.	
100 feet of sub-level drifting @ $30.25/ft.	3,025.	$24,200.00
Total approved costs of stages 1 and 2:		$68,099.80

Brought forward from Page 3:
Total approved costs of stages 1 and 2: $68,099.80

Government participation @ 50% = $34,049.90

Total expenditures under stage 1: $43,899.80

Approved costs of stage 2: $24,200.00

Expenditures:

September, 1953	50 feet of drifting @ $30.25/ft.	$1,512.50	
Oct., 1953	64 ft. of drifting @ $30.25/ft.	1,936.00	
Nov., 1953	No progress		
Dec., 1953	No progress		
Jan., 1954	No progress		
Feb., 1954	No progress		
March, 1954	38 ft. of drifting @ $30.25/ft.	1,149.50	
April, 1954	35 ft. of drifting @ $30.25/ft.	1,058.75	
May, 1954	6 ft. of drifting @ $30.25/ft.	181.50	
June, 1954	No progress		5,838.25

Unexpended funds: $18,361.75

Government's financial interest in machinery, purchased for the exploration project and sold to the operator: Mr. V. C. Marshall reports that the Marshall Mining Company have repaid the Government for this machinery and that no unpaid balance remains.

Check Vista

Correct.

Mr. V. C. Marshall reports that the Marshall Mining Company have requested the transfer of the DMEA exploration contract, Idm-E153 (amended) to the lessee, American Western Exploration Company.

Mr. Jacob Porter, Vice President of the American Western Exploration Company, also reported that his Company had requested transfer of the DMEA contract to them and would accept the terms and conditions of said contract if the assignment were granted.

STATEMENT OF WORK COMPLETED

Southwest drift:

Previously reported:	115.4 feet
Progress: 5/14 - 7/28/54:	None
Total:	115.4 feet

Northwest crosscut:

Previously reported	97.8 feet
Advance 6/11 - 7/28/54	5.0 feet
Total:	102.8 feet

Timber sets installed:

Previously reported:	21 sets
Installed 6/11 - 7/28/54:	None
Total:	21 sets

Contract period:

Contract dated: May 29, 1953, and is to be completed prior to June 1, 1954.

Amendment No. 1, dated May 28, 1954, extends the period for completion of the project to "prior to January 1, 1955."

Unexpended contract time: 5 months.

At the time of this inspection, the operators have completed 27.275 percent of the project and have only 5 months to complete the remaining 72.725 percent. The new lessee hopes to be able to use two shifts on the exploration contract work and states he is confident of completing the work prior to the expiration date. The examining engineer considers that the delay in timbering, lack of sufficient transportation equipment for simultaneous mining, mine development and contract drifting, may make it necessary to request an additional extension of time.

GEOLOGY

There has been some change in the formation in the face of the northwest crosscut. The footwall Granitic material is highly altered and the ground up feldspars and mica have formed a slickensided gouge which requires the installation of timber supports. The present footwall being followed, has a general strike of N. 37° W. and dips N.70°. Some quartz-copper mineralization was observed in the face of the crosscut and along the north wall near the face. Two samples of this material were taken:

Sample No.	%, Cu	Oz/T Au	Oz/T Ag	Description
BM-1337	0.12	Trace	0.20	Width 1.4 ft. across the vein quartz in the face of the drift.
BM-1338	5.58	0.01	1.60	Width 4 in. Seam of quartz-copper ore on N. side of crosscut - 2 ft. east of face.

RECOMMENDATIONS

Timbering the west crosscut:

The lessee is using second hand railroad cross ties for posts and caps. However, the cross ties on hand have been split on the ends to the extent that those used for posts do not have sufficient strength to hold the ground where weight movement and swelling occur. Considerable replacement of timber sets will probably be necessary.

This matter was brought to the attention of Mr. Porter, who stated that he had purchased 200 good cross ties and would provide adequate timber supports and replacements.

Ventilation of the crosscut:

The removal of powder smoke and has has been by compressed air and natural ventilation through the partially caved main shaft. In the near future, it appears that additional forced ventilation will be required, and especially if two shifts are worked.

Some caving has occurred around the collar of the old main shaft and to the extent that the headframe may drop into the shaft and start additional caving which might entirely block the passage of air.

This matter was discussed with Mr. Porter who stated that he would remove the headframe and protect the collar of the shaft in order to secure all possible ventilation through the shaft.

Progress map is attached.

Glenn G. Gentry
Mining Engineer

Form MF-104 (Rev.)
(April 19[illegible])

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
ACCOUNTS
AUG 19 1954
AUG 3 1954

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

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form } Contracts:						
Drilling						
Bulldozing						
Crosscutting						
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						

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

Date Aug 13, 1954 *Payee Marshall Mining Co

Per Marion M. Marshall Title partner

*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:

$ 378.13

Signature _____
(Authorized Certifying Officer)

Date AUG 25 1954 Vou. No. SF-DMEA-5

(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-E153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date August 17, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title DMEA Field Team Executive Officer Region III Date August 19, 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
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
ACCEPTED Minerals Administration AUG 31 1954
RECEIVED
AUG 31 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

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

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[illegible]	[illegible]	[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]	[illegible]	[illegible]	Stage II			[illegible]

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

Date Aug 13, 1954 Operator Marshall Mining Co
By Maurice M Marshall Title partner

REMARKS: [illegible]

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

(Instructions on reverse)

(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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 31 1954

August 13, 1954

Defense Minerals Exploration Administration
Bureau of Mines
420 Custom House
555 Battery Street
San Francisco 11, California

Attention: Mr. H. C. Miller, Executive Office

Gentlemen:

Enclosed herewith are the required copies of our July Progress Report and Voucher.

Some replacement of timber was necessary before moving ahead in the Ilo drift. The ground is heavy and requires timboring and some spiling. Work will be continued steadily during August in the hope of getting thru the present difficult ground.

Very truly yours,

MARSHALL MINING COMPANY

Per: Maurice M. Marshall

Encl.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 12 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, Calif.

Date: July 8, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 67X

Contract Idm-E-153

Commodity Copper

Operator - Marshall Mining Company

Property - Nevada Bellevue Mine
Elko County, Nevada

By Glenn G. Gentry

Dated July 6, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

RECEIVED
JUL 12 1954

INTERIM REPORT

Docket No.: DMA-67X-(Copper) July 6, 1954

Name and address of operator: Marshall Mining Co.
Contact, Nev.

Office: 1355 Bay Street
San Francisco, Calif.

Name and location of mine: Nevada Bellevue Mine
Elko County, Nev.

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall Mine was visited on June 11, 1954 for the purpose of inspecting the new exploration crosscut started by the applicant on February 25, 1954.

Mr. M. M. Marshall, manager for the mining company, was reported to be in San Francisco, Calif., therefore, the examining engineer was conducted through the mine by Mr. Leo Bricker, mine foreman.

The operator has not resumed work on the exploration project and there is no progress to report. Reasons for the lack of progress and delays in the work are reported as follows:

1. Insufficient funds.

2. The operator is considering a possible sale of their mining property to Mr. G. B. Porter, Room 602, 127 Montgomery Street, San Francisco, Calif.

The present operations consist of three men leasing and producing copper ore from Nos. 4 and 5 stopes. These miners provide the labor, powder, caps, fuse and fuel and are to receive 80% of the net proceeds from shipments. By careful mining and some sorting, the leasers hope to maintain the grade of ore from 3.0% to 4.0% copper.

FINANCIAL REPORT

Exhibit "A" under estimated costs, states:

Actual cost of the work performed under the prior contract in Stages 1 and 2	$50,421.37*

*Subject to final audit.

The interim audit, dated Oct. 26, 1953, for the period Oct. 7, 1951 to Sept. 28, 1952, disclosed the following facts in regard to the amount to be paid to the contractor:

Total as billed by the contractor	$50,932.02
Less proceeds from property disposition	6,534.00
Net billed cost	$44,398.02
Exceptions (see audit report for details) during this audit	498.22
Total accepted cost	$43,899.80

Government participation @ 50% = $21,949.90

Assuming the total accepted cost of		$43,899.80
Add agreed unit costs, Stage 2:		
600 feet of drifting @ $30.25/ft.	$18,150.00	
100 feet of raising @ $30.25/ft.	3,025.00	
100 feet sublevel drifting @ $30.25	3,025.00	
		$24,200.00
Total approved costs of Stages 1 and 2		$68,099.80

Government participation @ 50% = $34,049.90

Total expenditures under Stage 1	$43,899.80
Approved costs of Stage 2	$24,200.00

STATEMENT OF WORK COMPLETED

Southwest drift:

Previously reported	115.4 feet
Progress - 5/14-6/11/54	None
Total	115.4 feet

Northwest crosscut:

Previously reported	97.8 feet
Advance - 5/14-6/11/54	None
Total	97.8 feet

Timber sets installed:

Previously reported	21 sets
Installed 5/14-6/11/54	None
Total	21 sets

Expenditures:

Sept. 1953	50 feet of drifting @ $30.25/ft.	$1,512.50
Oct. "	64 feet of drifting @ $30.25/ft.	1,936.00
Nov. "	No progress	-
Dec. "	No progress	-
Jan. 1954	No progress	-
Feb. "	No progress	-
Mar. "	38 feet of drifting @ $30.25/ft.	1,149.50
Apr. "	35 feet of drifting @ $30.25/ft.	1,058.75
May "	6 feet of drifting @ $30.25/ft.	181.50
		$5,838.25

Unexpended funds: $18,361.75

Government's financial interest in machinery, purchased for the project and sold to the operator:

Balance due from operator	$ 979.04
Estimated payment made in March 1954	600.00
Unpaid balance	$ 379.04
Estimated payment to be made for the month of April 1954	$ 379.04
Estimated unpaid balance as of 7/1/54	$ 000.00

Contract period:

Contract dated: May 29, 1953 and is to be completed prior to June 1, 1954

Unexpended contract time: None

Amendment No. 1, dated May 28, 1954, extends the period for completion of the project to "Prior to January 1, 1955"

Unexpended contract time is, therefore, 6 months

At this writing, the Reno Office of the U.S. Bureau of Mines has received no information from the applicant as to the date active work on the exploration project will be resumed.

Glenn G. Gentry
Mining Engineer

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

ITEMS OF COSTS	FOR OPERATOR'S USE			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	0	[illegible]	[illegible]			
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	0	[illegible]	[illegible]			

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

Date July 30, 1954 *Payee Marshall Mining Co

Per [illegible] Marshall Title partner

*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:

$ — 0 —

Signature ____
(Authorized Certifying Officer)

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

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E153 in accordance with the terms of the contract.

Signature R. C. Johnson Title Chief, Mining Div., Region III Date August 4, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date August 5, 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 83-38478

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

AUG - 5 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

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

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		0	0	[illegible]	133	[illegible]	[illegible]	[illegible]
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		0	0	[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date July 30, 1954 Operator Marshall Mining Co

Per Maurice M Marshall Title partner

→ 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

36 Fifth Street
San Francisco, California

July 25, 1954

Defense Minerals Exploration Administration
Bureau of Mines
480 Custom House
555 Battery Street
San Francisco, 11, California

Attention: Mr. H. C. Miller Executive Officer

Gentlemen:

Enclosed herewith are the required copies of our June Progress Report and Voucher.

During June we produced ore steadily but did no work under our contract. We will have continuous footage to report starting with July.

Very truly yours,

MARSHALL MINING COMPANY

Per:_____

Encl.

RECEIVED
JUL 19 1954

Semi-Annual DMEA Report

Docket No.: DMA-67X (Copper) June 30, 1954

Contract No.: Idm-E153 and Idm-E153 (amended)

Period: (First) Jan. 1, 1954 to June 30, 1954

Date of contract: Sept. 19, 1951

Exploration work completed: 9/27/52 - original contract
Suspended - 10/30/53 - amended contract
Resumed - 2/15/54 " "
Suspended - 5/15/54 " "

Amendment No. 1 permitted operator to pay the increased wage scale prevalent in the area at that time.

Amendment No. 2 extended the completion date from Sept. 19 to Sept. 28, 1952.

Contract amended May 29, 1953.

Amendment No. 1: May 28, 1954 extends the period for completion of the project to - Prior to Jan. 1, 1955.

Name and address of operator: The Marshall Mining Co., George V. Marshall, Maurice N. Marshall, Mrs. Virgil L. Marshall, partners.
1355 Bay Street,
San Francisco, Calif.

Name and location of property: Marshall Mining Co., Elko County, Nevada. Located about 2.0 miles northwest of the old town of Contact, Nev., in sec. 13, T. 45 N., R. 63 E., M.D.B. &M., Salmon River Mining District.

Date certified:

It was recommended that a certificate of discovery be made on Feb. 16, 1953 by a memorandum to the Executive Officer, DMEA Field Team, Region III. Actual certification was made by the Administrator, Defense Minerals Exploration Administration to the Marshall Mining Co. on March 16, 1953.

Expenditures:

Prior contract: (Final settlement)

Operator	Government	Total
$21,949.90	$21,949.90	$43,899.80

Amended contract: (To date)

$ 2,919.13	$ 2,919.12	$ 5,838.25

Statement of operations:

Production from Jan. 1, 1954 through June 30, 1954 amounted to 1,622 dry tons of oxidized copper ore averaging about 3.61 percent copper per ton. The total value of this ore was $20,115.37; freight charges amounted to $7,861.31, leaving a net value of the ore at $12,254.06. Royalty payments were $403.08, about 3.3 percent of $12,254.06.

Smelter settlement sheets were furnished the Mining Division, Region III by the Regional Office.

Remarks:

Work under the amended contract was started on Aug. 30, 1953, suspended on Oct. 30, and resumed on Feb. 15, 1954. During the period between Feb. 15 and May 15, when operations were again suspended, exploration comprised 79 feet of drifting. Mining operations are being continued, however, with regular shipments being made to the smelter.

Smelter returns from the production of 7,021 tons since Aug. 1, 1952 was $69,925.52 with royalty payments of $3,061.95. $3,034.93 per deposits of record

A. C. Johnson

A. C. Johnson, Chief
Mining Division
Region III

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

JUN 15 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May 1954 Docket No. DMEA 67X Contract No. Ion E-153
Operator's Name Marshall Mining Company Minerals Manganese
Address Contact, Nevada Copper
Contract Amount, $ 74,021.07 Government Participation: 50 % Amount, $ 37,010.68

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 6 ft.	101.50	5,656.75	5,858.25			
(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	101.50	5656.75	5858.25			

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

Date June 10, 1954 Payee Marshall Mining Company

Per Maurice M. Marshall Title Partner

*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:

$ 90.25

Lloyd H. Sjolander
Authorized Certifying Officer

Signature
(Authorized Certifying Officer)

Date Vou. No. 21-DMEA-45

(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-E153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Date June 10, 1954

A. C. Johnson Region III

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date June 14, 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
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 672 Contract No. [illegible]
Operator's Name Marshall Mining Company Minerals [illegible]
Address Contact, Nevada [illegible]

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 6 ft.	1'	181.00	6	5820.25	196	29.26	600	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		181.00	6	5820.25				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased						Stage II		50,000.00
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 10, 1954 Operator Marshall Mining Company

Per Maurice W. Marshall Title Partner

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: See attached letter

(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

June 8, 1954

Defense Mineral Exploration Administration
Bureau of Mines
420 Custom House
555 Battery Street
San Francisco 11, California

Attention: Mr. M. C. Miller, Executive Officer

Gentlemen:

Enclosed herewith are the required copies of our May Progress Report and Voucher.

During May equipment breakdown delayed our work for the first half of the month, and during the latter half of May we were awaiting word on our request for an extension of time on our contract which originally called for completion by June 1, 1954.

Very truly yours,

MARSHALL TUNG COMPANY

Per Maurice W. Marshall

Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

420 Custom House
555 Battery Street
[redacted]
San Francisco 2, Calif.

Office of
Executive Officer
DMEA Field Team
Region III

Date: May 26, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - DMA67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Company

Property - Nevada Bellevue Mine, Elko County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated May 25, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

[redacted], USGS (With one copy of report)
Roscoe Smith

INTERIM REPORT

Docket No.: DMA-67X (Copper) May 25, 1954

Name and address of operator: Marshall Mining Co.,
Contact, Nevada

Office: 1355 Bay Street
San Francisco, Calif.

Name and location of mine: Nevada Bellevue Mine
Elko County, Nevada

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall Mine was visited on May 13 and 14, 1954 for the purpose of inspecting the new exploration crosscut started by the applicant on Feb. 25, 1954.

The extension of this crosscut has been continued in a northwesterly direction, principally through a formation of altered granitic rock which has required timber supports on approximately four foot centers.

Progress has been slow for the past month due to the time required for timbering, increased time for the removal and transportation of broken rock, necessary repairs on the battery charging generator and only one mining crew working 5 days per week.

On or about May 17, 1954, the operator expected to resume contract operations on a two shift per day basis covering six days per week.

During the inspection the examining engineers were accompanied by Mr. M. M. Marshall. The operators are continuing the production of copper ore from stopes above the Ilo level, east of the shaft, and expect to ship from one to two cars per week to the smelter.

The operator also expects to receive a $1.00 per ton reduction in smelter treatment charges, effective May 29, 1954.

The operating personnel at the mine will probably consist of eight men in order that some mining production may also be obtained.

STATEMENT OF WORK COMPLETED

Southwest drift:

Previously reported:		115.4 feet
Progress 3/25-5/14/54		None
	Total	115.4 feet

Northwest crosscut:

Previously reported		56.2 feet
Advance 3/26-5/14/54		41.6 "
	Total	97.8 "

Timber sets installed:

Previously reported		9 sets
Installed 3/26-5/14/54		12 "
	Total	21 "

GEOLOGY

From March 26 to May 14, 1954, the material encountered in the Northwest crosscut principally has been a light colored and altered granite, which required timber sets with lagging over top and

sides. For this reason very little definite data could be secured. No. mineralization was observed and the operator stated none had been encountered.

In the face of the crosscut a fault striking N. 18° W. and dipping 67° SW was observed. On the footwall or east side of this fault, a narrow exposure of quartz carrying some copper mineralization was noted. There were also some indications of the dark colored biotite enriched granite which is usually associated with the footwall of the fissures. The rock in the face of the crosscut is fairly soft. Very little water has been encountered.

SAMPLING

Only two samples were secured during this inspection as no additional mineralization had been found in the Northwest crosscut. The present face shows some mineralization.

Sample No.	%, Cu	%, WO_3	Oz/T Au	Oz/T Ag	Description
BM-1236	1.32	*0.01	0.005	0.40	Width 2.0 feet. South side of Ilo level (hanging wall) 25 feet east of shaft.
BM-1237	2.41	*0.01	0.02	0.50	Width 1.9 feet. Quartz exposure near bottom, north side and at face of Northwest crosscut.

*Less than.

FINANCIAL REPORT

Exhibit "A" under estimated costs, states:

Actual cost of the work performed under the prior contract in stages 1 and 2	$50,421.37*

*Subject to final audit.

The interim audit, dated Oct. 26, 1953, for the period Oct. 7, 1951 to Sept. 28, 1952, disclosed the following facts in regard to the amount to be paid to the contractor:

Total as billed by the contractor	$50,932.02
Less proceeds from property disposition	6,534.00
Net billed cost	$44,398.02
Exceptions (see audit report for details) during this audit	498.22
Total accepted cost	$43,899.80

Government participation @ 50% = $21,949.90

Assuming the total accepted cost of		$43,899.80
Add agreed unit costs, stage 2:		
600 feet of drifting @ $30.25/ft.	$18,150	
100 feet of raising @ $30.25/ft.	3,025	
100 feet of sublevel drifting @ $30.25/ft.	3,025	
		$24,200.00
Total approved cost of stages 1 and 2		$68,099.80

Government participation @ 50% = $34,049.90

Total expenditures under stage 1	$43,899.80
Approved costs of stage 2	$24,200.00

Expenditures:

September	1953	50 feet of drifting @ $30.25/ft.	$1,512.50
October	"	64 feet of drifting @ $30.25/ft.	1,936.00
November	"	No progress	-
December	"	No progress	-
January	1954	No progress	-
February	"	No progress	-
March	"	38 feet of drifting @ $30.25/ft.	1,149.50
April	"	35 feet of drifting @ $30.25/ft.	1,058.75
			$5,656.75

Unexpended funds $18,543.25

Government's financial interest in machinery, purchased for the project and sold to the operator:

Balance due from operator	$979.04
Estimated payment made in March 1954	600.00
Unpaid balance	$379.04
Estimated payment to be made for the month of April 1954	$379.04
Unpaid balance	0.0

Contract period:

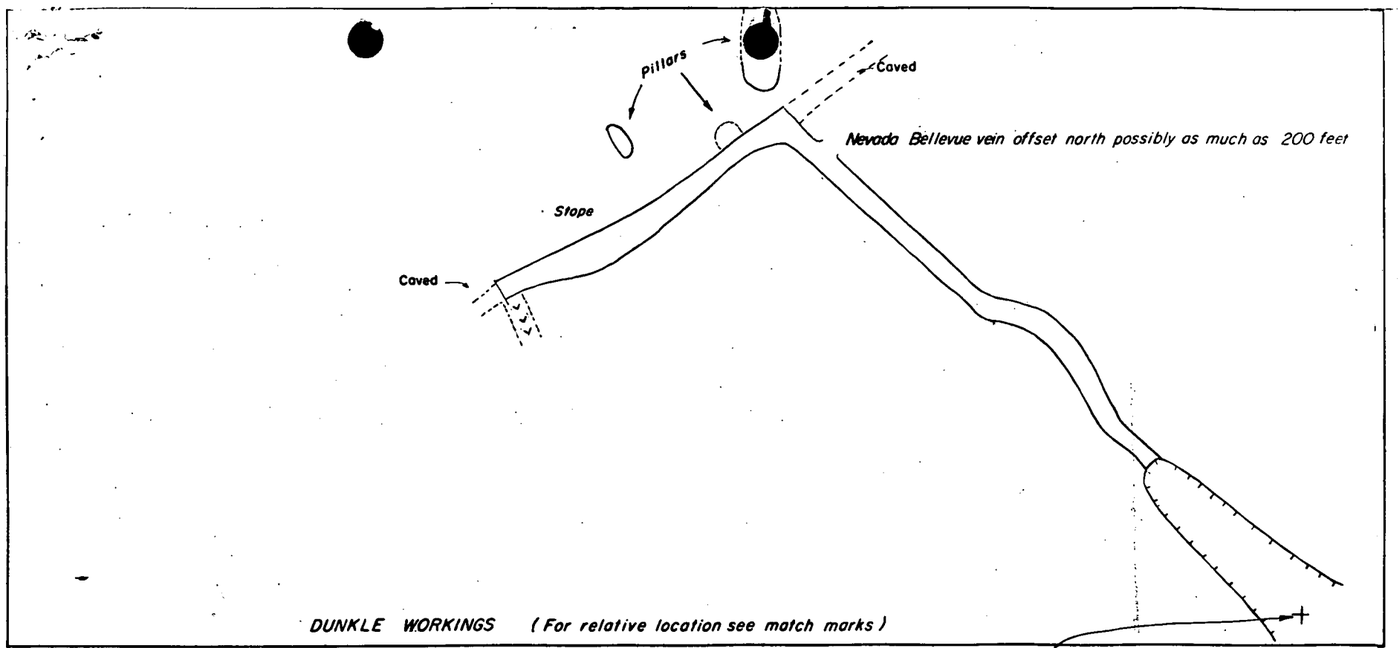
Contract dated - May 29, 1953 and is to be completed prior to June 1, 1954.
Expended contract time: 11-1/2 months
Unexpended contract time: 1/2 month

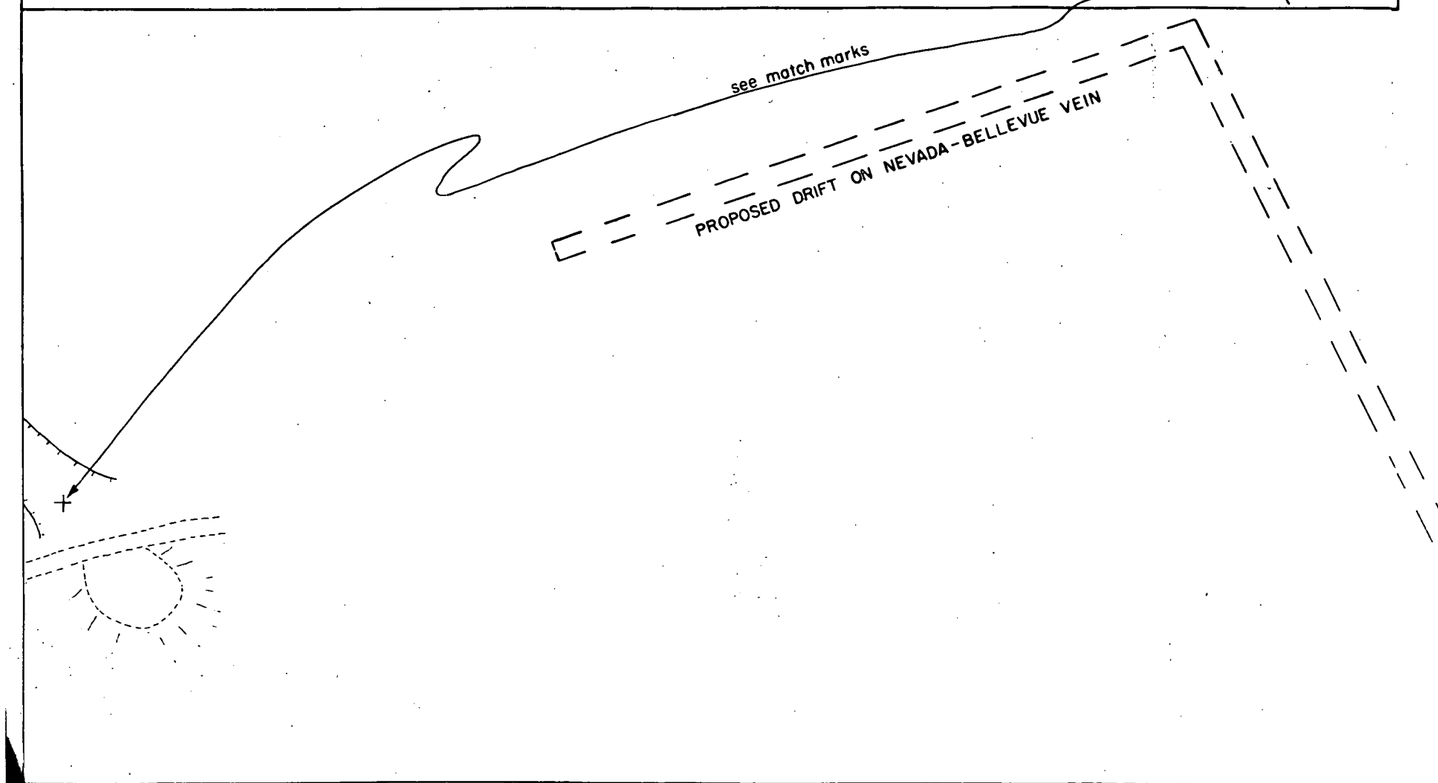
In a letter dated May 12, 1954 addressed to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, the applicant requested an extension of time to December 31, 1954. The Executive Officer has recommended that the extension of time be granted and that amendment No. 1 to the amended contract be prepared.

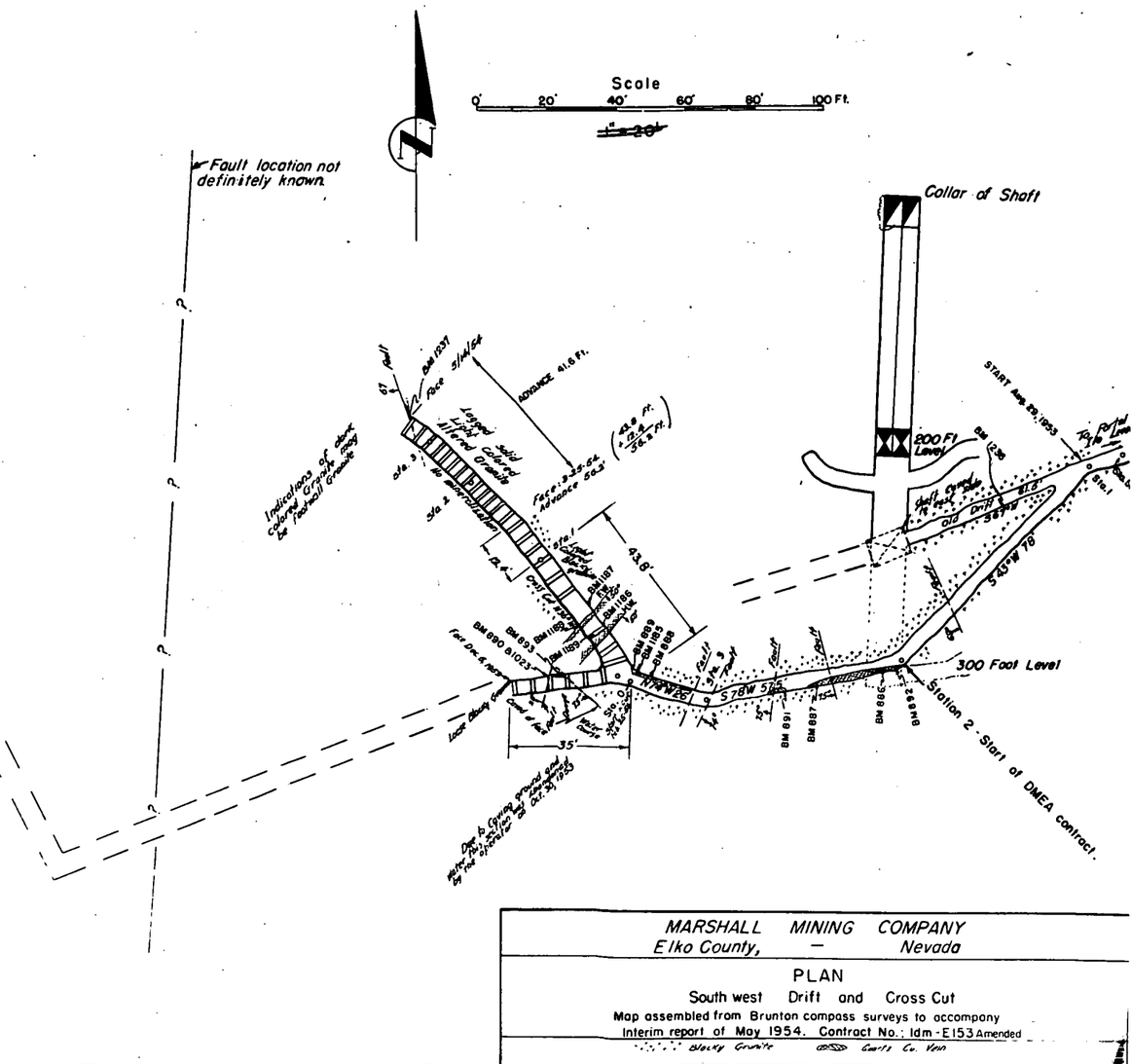
Resume: The character of the exploration work performed is considered to be satisfactory to the Government.

Benjamin H. Sheahan
Mining Engineer

Glenn G. Gentry
Mining Engineer







MARSHALL MINING COMPANY
Elko County, — Nevada

PLAN

South west Drift and Cross Cut

Map assembled from Brunton compass surveys to accompany
Interim report of May 1954. Contract No.: Idm-E153 Amended

Blocky Granite — Gwitt Cr. Vein

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 April, 1954 Docket No. DMEA 67A Contract No. Idm-8153

Operator's Name Marshall Mining Company Minerals Copper

Address Contact, Nevada

Contract Amount, $ 74,621.27 Government Participation: 50 % Amount, $ 37,310.68

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 35'	1058.75	4598.00	5656.75	1058.75		
(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):						
Less final Liquidation payment on Property orig. Contract.				974.04		
TOTALS	1058.75	4598.00	5656.75	84.71		

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

Date May 12, 1954 *Payee Marshall Mining Company

Per Maurice M. Marshall Title Partner

*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:

$ 42.35

Signature [illegible] (Authorized Certifying Officer)

Date Vou. No. SF-DMEA-43

(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-E153 in accordance with the terms of the contract.

Signature [signature] Title Mining Methods Date May 14, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: George H. Holmes, Jr. Research Engr.

Signature [signature] Title DMEA Field Team Executive Officer Date May 20, 1954

H. C. Miller Region III

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1954 Docket No. DMEA 67A Contract No. 16[illegible]-[illegible]153

Operator's Name Marshall Mining Company Minerals Manganese

Address Contact, Nevada Copper

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
35' Drifting		1058.75	35	5656.75	187	30.25	600	30.25
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1058.75	35	5656.75				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased					stage II			24,200.00
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 12, 1954 Operator Marshall Mining Co.

Per Maurice M. Marshall Title Partner

REMARKS: See attached letter

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

MARSHALL MINING COMPANY

COPPER MINES

CONTACT (Elko County) NEVADA

May 12, 1954

Defense Minerals Exploration Administration
1012 Flood Building
870 Market Street
San Francisco 2, California

Attention: Mr. H. C. Miller

Re: Docket No. MMA-67A (Copper)
Contract No. Idm-8153 (Amended)

Gentlemen:

Enclosed herewith are the required copies of our April Progress Report and voucher.

During April we were slowed by losing two sets of timber due to squeezing ground which stopped our progress during the last week of the month. Further delay was caused by failure of our locomotive storage battery recharging generator, the repairs on which required ten days.

Our progress of 35 feet was thru ground which necessitated timbering with four foot sets and full lagging. Some of the ground was spiled in order to make progress possible. At month end the ground was somewhat firmer.

We are swinging gradually in a southerly direction so as to re-encounter the vein.

Very truly yours,

MARSHALL MINING COMPANY

Per Maurice W. Marshall

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 16 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: April 12, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 67X

Contract Idm-E 153 (Amended)

Commodity Copper

Operator - Marshall Mining Co.

Property - Marshall Mine, Elko County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated April 9, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

~~XXXXXXXXXXXXX~~, USGS (With one copy of report)
Roscoe Smith

INTERIM REPORT

Docket No.: DMA-67X (Copper) April 9, 1954

Name and address of operator: Marshall Mining Co., Contact, Nev.

Office: 1355 Bay Street San Francisco, Calif.

Name and location of property: Marshall Mining Co., Nevada-Bellevue Mine Elko County, Nev.

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall Mine was visited on March 25 and 26, 1954 for the purpose of inspecting the new exploration crosscut started by the applicant on Feb. 25, 1954. This crosscut was extended in a northwesterly direction in order to avoid heavy ground, soft gouge and water which had been encountered near the face of the abandoned southwesterly drift. During the inspection, the examining engineer was accompanied by Mr. V. C. Marshall, one of the owners of the property and Mr. Leo Bricker, mine foreman.

The new crosscut was started at 35 feet east of the face of the abandoned drift, and on the dates of inspection, had been extended N36°W for a distance of 56.2 feet. For the greater part of this distance, the ground required timber supports though no water had been encountered.

Some of the dark, coarse grained footwall granite was observed in the face of the crosscut and the operator's expect to be enabled soon to begin drifting in a southwesterly direction.

Progress has been somewhat slow due to the necessity for timbering, delays in switching muck cars and the use of only one shift per day on a 5-day week basis.

The operators are continuing the production of copper ores from stopes above the Ilo level and are shipping from one to two carloads per week to the smelters.

Mr. Marshall informed the examining engineer that the owners were still interested in selling the property and that a company in San Francisco, Calif., expected to make an examination of the mine in the near future.

The operating personnel at the mine remains the same as in the last report, namely, six to seven men and all operations are conducted on a 5-day week basis.

STATEMENT OF WORK COMPLETED

Southwest drift:

Previously reported	115.4 feet
Progress 1/29/54 - 3/25/54	None
Total exploration	115.4 feet

Northwest crosscut:

Advance 2/25/54 - 3/26/54	*56.2 feet
" previously reported	None
Total advance	56.2 feet

*The Southwest main drift had been advanced a distance of 35 feet southwest of the starting point of the Northwest crosscut prior to being abandoned and this 35 feet of drift has been claimed for reimbursement. Therefore, the 35 feet should be deducted from the 56.2 feet of crosscut, leaving only 21.2 feet in which Government would financially participate.

Total drifting allowed under contract:	600.0 feet
Exploration drifting completed:	136.6 "
Uncompleted drifting	463.4 " = (77.92%)

GEOLOGY

The Northwest crosscut advanced approximately 14 to 17 feet at which point a vein of mixed quartz and copper-stained granite was exposed. This vein or mineralized exposure has a width of 8 to 10 feet, though the quartz will only average about 1.5 feet in width. Both the hanging and footwall have an apparent strike of S40°W and dip 50° northeast. After passing through this mineralized section, the crosscut was continued through a light colored, rather soft and altered granite which required timber supports. In the face of the crosscut the examining engineer observed an exposure of dark, coarse grained granite containing an increased amount of biotite. This granite is considered typical of the footwall granite observed all along the vein in the west drift off the Ilo level.

SAMPLING

Five samples were secured from the only mineralized exposures

noted in the crosscut:

Sample No.	Width	%, Cu	Oz. Au/T	Oz. Ag/T	Description
BM-1185	9"	3.90	0.005	0.20	North side of drift at crosscut turn off. About same location as BM-889.
BM-1186	4'	1.80	0.005	0.10	Northeast wall of crosscut and 17 feet northwest of Station Zero.
BM-1187	3.2'	2.30	0.005	0.10	Northeast wall of crosscut and 8 feet northwest of BM-1186.
BM-1188	1.5'	0.65	0.01	0.40	Quartz on southwest wall of crosscut and opposite BM-1187.
BM-1189	1.5'	1.97	0.005	0.10	Quartz on southwest wall of crosscut and opposite BM-1186.

FINANCIAL REPORT

Exhibit "A", under estimated cost of the project, states:

Actual cost of the work performed under the prior contract in Stages I and II	$50,421.37*

*Subject to final audit.

The interim audit, dated Oct. 26, 1953, for the period Oct. 7, 1951 to Sept. 28, 1952, disclosed the following facts in regard to the amount to be paid the contractor:

Total as billed by the contractor:	$50,932.02
Less proceeds from property disposition	6,534.00
Net billed cost	$44,398.02
Exceptions (see audit report for details) during this audit	$ 498.22
Total accepted cost	$43,899.80

Government participation @ 50% = $21,949.90

Assuming the total accepted cost of:		$43,899.80
Add agreed unit costs, Stage II:		
600 feet of drifting @ $30.25/ft.	$18,150	
100 feet of raising @ $30.25/ft.	3,025	
100 feet of sublevel drifting @ $30.25/ft.	3.025	24,200.00
Total approved costs of Stage I and Stage II		$68,099.80

Government participation @ 50% = $34,049.90

Total expenditures under Stage I	$43,899.80
Approved costs of Stage II	$24,200.00

Expenditures:

September 1953 - 50 feet of drifting @ $30.25/ft.	$1,512.50
October 1953 - 64 feet of drifting @ $30.25/ft.	1,936.00
	$3,448.50
	3,448.50
Unexpended funds	$20,751.50

Note:- Expenditures for March have not been submitted by the operator.

Government's financial interest in machinery, purchased for the project and sold to the operator:

Balance due from operator	$979.04
Estimated payment due for March 1954	600.00
Unpaid balance	$379.04

Contract period:

Contract dated: May 29, 1953 and is to be completed prior to June 1, 1954

Expended contract time: 10 months

Unexpended contract time: 2 months

It is evident that the operator will be unable to complete the project prior to the expiration date. In this connection, the operator is to advise the Executive Officer of DMEA sometime during the month of May 1954 as to his progress and at that time to request an extension of time sufficient to complete the project.

Resume:

The character of the work performed is considered to be satisfactory to the Government, and the operator hopes that ground conditions will improve in order that steady progress may be obtained.

Glenn G. Gentry
Mining Engineer

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

JUN 11 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March 1954 Docket No. DMEA 67X Contract No. IDM 1153 Amended
Operator's Name Marshall Mining Co. Minerals
Address Contact, Nevada Copper
Contract Amount, $ 74,621.37 Government Participation: 50 % Amount, $ 37,310.68

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 38'	1,149.50	3,448.50	4,598.00	1,149.50		
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
• Less Liquidation payment on Property orig. Contract				974.04		
TOTALS	1,149.50	3,448.50	4,598.00	175.46		

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 6, 1954 *Payee Marshall Mining Co.
Per Maurice M. Marshall Title Partner

*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:

$ 87.73

Signature [illegible] Officer
(Authorized Certifying Officer)

Date [illegible] 1954 Vou. No. SF-DMEA-43
(See other side)

• One-half of balance due.
See April MF-104 for balance.

(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-E153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date April 13, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title ~~DMEA Field Team~~ Executive Officer Region III Date ~~April 15, 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
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 67X Contract No. IDM E153

Operator's Name Marshall Mining Co. Minerals Amended Copper

Address Contact, Nevada

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	1'	1149.50	38	4,598.00	152	30.25	600	30.25
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					Stage 11			24,200.00

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

Date April 6, 1954 Operator Marshall Mining Co.

Per Maurice M. Marshall Title Partner

Remarks: See attached letter

→ 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

MARSHALL MINING COMPANY
COPPER MINES
CONTACT, NEVADA

April 6, 1936

Defense Minerals Exploration Administration
1028 Flood Building
San Francisco, 2, Calif.

Docket: MA 67R
Copper
Contact Dist-1199
Nevada

Attention: Dr. H. G. Miller, Executive Officer

Dear Sirs:

Enclosed is our report and voucher for the month of March, 1936.

During the first half of February we cleaned up the heading, reinforced our timbering and put in new ore into these bodies. In order to avoid the water and bad ground previously giving us trouble, we started at a point thirty-five feet short of the old heading and commenced to drift north- entirely around the old work, leaving a good sized pillar between. We found the ground better with less timbering necessary and no flow of water. As of the end of the drift on March 31st, we had advanced seventy-three feet from the point of take off and were turning southerly so as to re-encounter the vein.

Thus our net gain ahead of the old face was thirty-eight feet for the month which is the footage we are reporting. At the end of the month the ground was firming and we intend to advance as much as possible during April.

Very truly yours,

MARSHALL MINING COMPANY

By Maurice W. Marshall

MWM/AB
Encl.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 15 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: February 10, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 67X

Contract Idm-E 153 (Amended)

Commodity Copper

Operator - Marshall Mining Company

Property - Nevada Bellevue Mine, Elko County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated February 4, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

~~XEXXMXXBaiXXXX~~ USGS (With one copy of report)
Roscoe Smith

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 15 1954

INTERIM REPORT

Docket No.: DMA-67X (Copper) February 4, 1954

Name and address of operator: Marshall Mining Co.
Contact, Nevada
Office: 1355 Bay St.,
San Francisco,
California

Name and location of property: Marshall Mining Company
Nevada-Bellevue Mine
Elko County, Nevada

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall Mine was visited on Jan. 28 and 29, 1954 for the purpose of inspecting the Southwest exploration drift, driven with DMEA financial assistance and in which operations had been discontinued on or about October 30, 1953; to inspect the various items of mining machinery in which the Government retains a financial interest; to secure a large sample of representative shipping ore for metallurgical testing and to discuss with the applicant his future plans relative to the exploration contract. During the inspection the examining engineer was accompanied by V. C. Marshall, one of the owners of the property.

Since October 30, 1953, the operators have confined their efforts in producing and shipping copper ores to the smelters and have not resumed work on the exploration contract.

The shipments of copper ores have varied from 2 to 5 carloads per week and the grade from about 3.0% Cu to 6.0% Cu. Profits are reported as moderate and just about sufficient to carry the expense of employing a crew of six to seven men on a 6-day week basis. Mr. Marshall estimates that approximately 6,000 tons of crude ore have been produced and shipped since the Ilo Tunnel level was repaired and opened to the main shaft.

The date of resuming exploration under the contract appears very indefinite and even though resumed in the near future, it seems obvious that an extension of time will be required.

Some caving has already occurred in the new Southwest exploration drift, between Stations 2 and 3 and probably amounting to 10 or 12 mine cars. Additional caving will no doubt occur unless this type of ground is timbered soon. In order to reduce timbering expense and the expense of removing the caved rock (both of which must be done at the expense of the operator), the examining engineer recommended to Mr. Marshall that necessary timber sets be installed immediately. However, due to the necessity of producing ore to meet operating expenses, it seems likely that the rehabilitation of the drift will be postponed as long as possible.

Due to the low grade ore and insufficient profit, the Marshall Mining Company have advertised the property for sale, lease or option in the hope of interesting some company financially able to continue mine

development and to construct and operate a leaching plant. The examining engineer was informed that the Marshall Mining Company requires a down payment of $35,000.00 together with an agreement by the purchaser to complete the DMEA exploration project and to install an adequate leaching plant.

During the past month, the mine has been examined by Messrs. Ralph Thurston and A. J. Pouch of Ely, Nev. These men represent the Metallics Unlimited Co., and are reported to have a DMEA contract (Idm-E505) on the Pine Nut Mine at Cherry Creek, Nev. A recent letter to Mr. V. C. Marshall from Mr. Thurston and Mr. Pouch indicated that they were waiting the results of leaching tests prior to reaching a decision relative to further discussions of the mine.

The Marshall Mining Company have inserted the following advertisement in the January 1954 issue of the "Mining World", Vol. 16, No. 1, p. 103:

Profitable - Producing
Copper Mine
Extensive vein system and ore reserves, newly equipped
Inspection only by established operating company invited
Lease - Sale or option basis
See or write manager on property
Marshall Mining Company
Contact, Nevada

The present operating mine personnel consists of: V. C. Marshall, Manager; Leo Bricker, Mine Foreman, 1 motorman-truckdriver, and 4 to 5 miners.

The present production is obtained from stopes 2, 4, and 5 and at about 75 to 100 feet above the Ilo level.

STATEMENT OF WORK COMPLETED

Southwest drift:

Previously report	115.4 feet
Progress 10/30/53 - 1/29/54	None
Total exploration	115.4 feet
	(19.23%)
Total drifting allowed under contract:	600.0 feet
Uncompleted drifting	484.6 feet
	(80.77%)

Considerable water was encountered in the face of the drift at the time operations were suspended, and this flow has not decreased to any noticeable extent.

SAMPLING

The examining engineer secured approximately 100 lbs. of ore as sample BM-1153. This ore partially represents a shipment on Jan. 29, 1954 in Union Pacific Railroad Co. car No. 65278. The purpose of this sample is for further metallurgical testing by concentration to determine whether or not the concentrate contains appreciable amounts of tantalite ($FeTa_2O_6$), cobalt (Co), titanium (Ti), and nickel (Ni). The results of this testing will be included with the next interim report.

FINANCIAL REPORT

Actual cost of work performed under the prior contract in Stages I and II: $50,421.37[1/]

1/ Subject to final audit.

	Brought Fwd:	$50,421.37

Agreed unit costs, Stage II:

600 feet of drifting @ $30.25/ft.	$18,150.00	
100 feet of raising @ $30.25/ft.	3,025.00	
100 feet of sub-level drifting @ $30.25/ft.	3,025.00	24,200.00
Total estimated cost of project		$74,621.37

Government participation @ 50% = $37,310.68

Expenditures:

September 1953: 50 feet of drifting @ $30.25/ft.	$ 1,512.50
October 1953 : 64 " " " " $30.25/ft.	$ 1,936.00
	$ 3,448.50

Unexpended funds: $20,751.50

Cost of Government's interest in the machinery, to operator	$ 3,267.00
Less amount due operator, as per audit of 10/26/53	1,087.96
	$ 2,179.04
Repaid to Government by operator	$ 1,200.00
Balance due from operator	$ 979.04

Contract period:

Contract dated: May 29, 1953 and is to be completed prior to June 1, 1954
Expended contract time: 8 months
Unexpended contract time: 4 months

The mining machinery, in which Government's financial interest amounts to $979.04, is in daily use with the exception of the mucking machine. Due to the continual wear on this type of machinery and the use for mining and production purposes, it appears only reasonable and fair that the operators be required to pay the rental charge until Government's interest has been satisfied.

Glenn G. Gentry
Mining Engineer

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

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

January 11, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Semi-Annual DMEA Report on Certified Projects as of December 31, 1953

Complying with DMEA Circular 32, dated April 28, 1953, enclosed are four copies each of semi-annual reports on the following projects which have been certified as discoveries: Marshall Mining Company (Contract Idm-E153); Cherry Creek Tungsten Mining Company (Contract Idm-E136; L. D. Foreman, Mary R. Foremen, and Ida L. Cannon (Contract Idm-E424).

The New Idria Mining Company (Contract Idm-E369) has been certified as a discovery, and there will be a report on it the first period of 1954.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachments

Copy to: E. H. Bailey, USGS

Semi-Annual DMEA Report

Docket No.: DMA-67X (Copper) December 31, 1953

Contract No.: Idm-E153

Period: (Second) July 1, 1953 to Dec. 31, 1953
Date of contract: Sept. 19, 1951
Exploration work completed: 9/27/52 - original contract
Suspended 10/30/53 - amended contract
Amendment No. 1 permitted operator to pay the increased wage scale prevalent in the area at that time.
Amendment No. 2 extended the completion date from Sept. 19 to Sept. 28, 1952.
Contract amended: May 29, 1953.

Name and address of operator: The Marshall Mining Co., George V. Marshall, Maurice N. Marshall, Mrs. Virgil L. Marshall, partners.
1355 Bay Street,
San Francisco, Calif.

Name and location of property: Marshall Mining Co., Elko County, Nev. Located about 2.0 miles northwest of the old town of Contact, Nev., in sec. 13, T. 45 N., R. 63 E., M.D.B.&M., Salmon River Mining District.

Date certified:

It was recommended that a certificate of a discovery be made on Feb. 16, 1953 by a memorandum to the Executive Officer, DMEA Field Team, Region III. Actual certification was made by the Administrator, Defense Minerals Exploration Administration to the Marshall Mining Co. on March 16, 1953.

Expenditures:

Prior contract:

Operator	Government	Total
$25,210.69	$25,210.68	$50,421.37

Amended contract: (To date)

$ 1,724.25	$ 1,724.25	$ 3,448.50

Statement of operations:

Production from July 1, 1953 through December 31, 1953 amounted to 2,108,918 dry tons of oxidized copper ore averaging about 3.54 percent copper per ton. The total value of this ore was $25,388.61; truck, railroad and sampling charges amounted to $10,206.42, leaving a net value of the ore at $15,182.19. Royalty payments were $563.53, about 3.7 percent of $10,206.42. ?

Production information and smelter settlement sheets were furnished the Mining Division, Region III by the Regional Office.

Remarks:

Work under the amended contract started on Aug. 30, 1953 and continued until October 30, when the operators suspended all exploration work in the Southwest drift. Mining operations are being continued, however, with regular shipments being made to the smelter.

Smelter returns from the production of 5,399 tons since Aug. 1, 1952 was $57,671.46 with royalty payments made of $2,658.87.

A. C. Johnson

A. C. Johnson, Chief
Mining Division
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 15 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: January 11, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA -67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Co.

Property - Marshall Mine, Elko County, Nevada

By Glenn G. Gentry

Dated December 8, 1953

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

INTERIM REPORT

Docket No.: DMEA-67X (Copper) Dec. 8, 1953

Name and address of operator: Marshall Mining Co.
Contact, Nev.
Office: 1355 Bay Street
San Francisco, Calif.

Name and location of property: Marshall Mining Co.,
Nevada-Bellevue Mine
Elko County, Nevada

Contract No.: Idm-E153 (amended)

SUMMARY

The Marshall Mine was visited on Dec. 4 and 5, 1953 for the purpose of inspecting work performed on the exploration project. During the inspection, the examining engineer was accompanied by Mr. V. C. Marshall, one of the operating partners and Mr. Leo Bricker, mine foreman.

On or about Oct. 30, 1953, the operators suspended all exploration work in the Southwest drift, without any notice to this office. The applicant reports suspension of drift advance for the following reasons:

1. Reduction in grade and tonnage of ore shipments adversely affected operating income.

2. Due to this condition, the partners decided that further capital investment in the exploration project should be delayed for an indefinite period or until ore shipments were of sufficient value to pay the total costs of mining and exploration.

3. Ground conditions in the face of the drift required timbering and spiling which increased costs and reduced progress.

While the applicant appears hopeful that the suspension will be temporary, no definite or approximate date could be obtained for the resumption of operations.

The mine personnel consists of:

V. C. Marshall, Manager
Leo Bricker, mine foreman
1 motorman
3 miners

These men are engaged in mining copper ore from various stopes which have been extended above the Southwest drift on the Ilo level. Production is reported at about two carloads per week.

STATEMENT OF WORK COMPLETED

Southwest drift:

Previously reported	102.6 feet	
Oct. 19 to Dec. 5	12.8 "	
Total	115.4 "	= 19.23%

Total drifting allowed under contract 600.0 feet

Uncompleted drifting 484.6 " = 80.77%

The rock conditions have required close timbering and solid lagging both back and sides. Considerable water was encountered and this added to the difficulty of progress and also increased costs beyond that estimated by the operators. Considerable loose and blocky granite was observed in the face of the drift and caving has occurred to the point that detailed examination was not possible.

GEOLOGY

There has been no change in the geological formation since the

last interim report dated Oct. 27, 1953.

SAMPLING

The examining engineer secured one sample in the only available opening near the caved ground adjacent to the face of the drift:

BM-1023, Width 1.0 feet - quartz-copper ore on north side of drift. Same location as previous sample BM-890 - 4.42% Cu, 0.32% TiO_2, 0.02 oz Au, and 0.50 oz. Ag per ton.

FINANCIAL REPORT

Actual cost of work performed under the prior contract in stages I and II		$50,421.37 1/
Agreed unit costs, stage II:		
600 feet of drifting @ $30.25/ft.	$18,150.00	
100 feet of raising @ $30.25/ft.	3,025.00	
100 feet of sublevel drifting @ $30.25/ft.	3,025.00	
		$24,200.00
Total estimated cost of project		$74,621.37

Government participation @ 50% = $37,310.68

1/ Subject to final audit.

Expenditures:

September, 1953: 50 feet of drifting @ $30.25/ft.	$1,512.50
October, 1953: 64 feet of drifting @ $30.25/ft.	1,936.00
	$3,448.50

Unexpended funds = $20,751.50

Government equity in equipment purchased under the prior contract at 50% amounts to $3,267.00 and is repayable at the rate of $600.00 per month.

Expenditures reported by applicant:	Sept. 1953	$1,512.50
	Oct. 1953	$1,936.00
		$3,448.50

Carried forward	$3448.50
Less 50% Govt. participation	1724.25
Gross amount owed to applicant	$1724.25
Less equipment payment owed to Gov.	1200.00
Approved as payment to applicant	$ 524.25

Contract period:

Contract dated: May 29, 1953 and is to be completed prior to June 1, 1954.

Expended contract time: 6 months

Unexpended contract time: 6 months

It appears doubtful that the contract will be completed prior to June 1, 1954.

Resume:

Due to solid timbering extending to a distance of 30 feet east of the face of the drift, together with caved material, it was impossible to make a detailed examination and study of the faulting. However, the face of the drift appears to be in the hanging wall granite and off the vein fissure.

The quartz vein, at approxiamtely sample BM-890, is considered to have changed direction and is generally striking S. 85° W. The operator has been requested to advise this office in advance as to the date he will resume operations. Upon receipt of this information, it is recommended that a further study be made by the joint field team of the formations exposed by the drift and in conjunction with the operator, to determine the advisability for a change in direction.

Under Annex 1, item 4 of the contract, the value of the machinery purchased by the applicant from the Government amounted to $3,267.00.

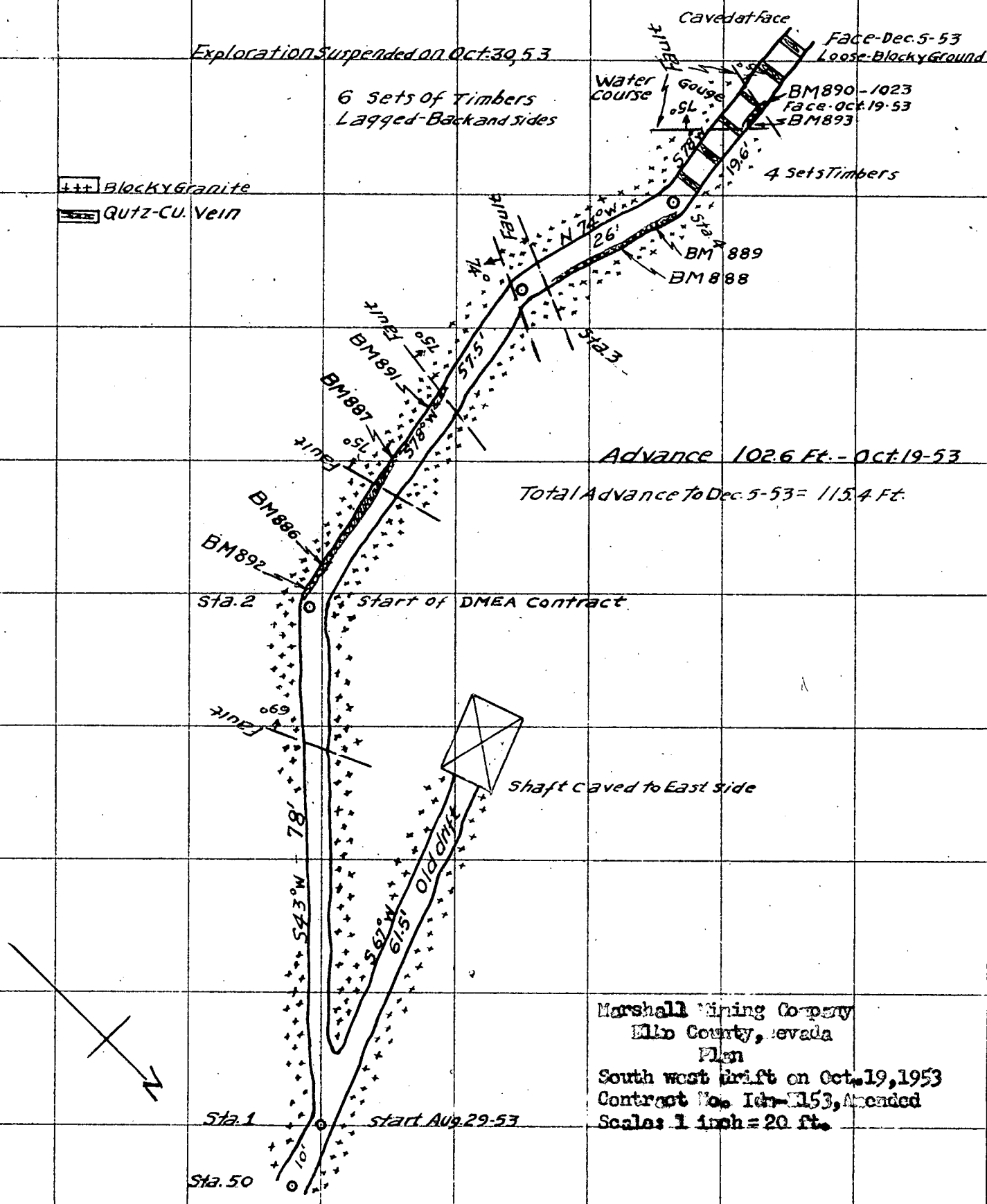
The unpaid balance as of November 1 amounts to $2,067.00, and is to be repaid at the rate of $600.00 per month until the full amount is paid. The method of this repayment is by deducting the $600.00 each month from any moneys to become due to the operator for work performed after September 1, 1953.

Therefore, inasmuch as the operator has suspended the exploration work, there would appear to be no manner in which to collect monthly payments for the machinery.

The equipment will be in use on a one shift basis for 5 days per week, in the mining and production of copper ores for shipment to the smelters, and, therefore, Government should be reimbursed for the use of the equipment during the period of suspension.

It is suggested that this matter be discussed with Mr. M. M. Marshall, 1355 Bay Street, San Francisco, Calif. in order to arrange an equitable settlement before the machinery is worn out.

Glenn G. Gentry
Mining Engineer



"ALBANENE" No. 1V6M K&E CO., N.Y.

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

DEPARTMENT OF THE INTERIOR
Administration
RECEIVED
NOV 30 1953

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

November 25, 1953

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington, D.C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

The attached report on Sampling is to be made a part of Glenn G. Gentry's Interim Inspection Report of October 27, which was transmitted to you with our memorandum of November 5, 1953, concerning Contract Idm-E153 (Amended), DMEA 67X (Copper), Marshall Mining Company.

S. Ricker for H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

For attachment [redacted] Interim report dated Octobe[redacted]7, 1953

Docket No.: DMEA-67X (Copper) November 24, 1953

Name and address of operator: Marshall Mining Company
Contact, Nevada

Office: 1355 Bay Street
San Francisco, Calif.

Name and location of property: Marshall Mining Company
Nevada-Bellevue Mine
Elko County, Nevada

Contract No.: Idm-E153, amended

SAMPLING

Sample No.	%, Cu	%, Co	Oz Au/T	Oz Ag/T	Description
886	6.40		0.03	4.00	Width 3.4 feet along dip of vein - quartz lens about 9 feet long, at 7 feet west of station 2. Some copper mineralization.
887	1.71		0.01	0.20	Width 0.6 feet - quartz vein; 26 feet west of station 2.
888	4.89		0.01	0.40	Width 3.2 feet. Footwall side of drift and 10 feet east of station 4. Mostly copper stained granite with some quartz.
889	2.75		0.01	0.30	Width 3.2 feet. Footwall side of drift and 6 feet west of BM-888; mixed quartz and granite.
890	4.31	*0.02	0.015	0.70	Width 12 inches. Quartz vein in face of drift.
891	2.08		0.01	0.20	Width 3.2 feet; 9 feet west of BM-887. Quartz in fault on south side of drift.
892	1.53		0.005	0.20	Width 0.7 feet; quartz vein in back of drift and 3 feet west of station 2.
893	0.99		0.005	0.20	Width 2.5 feet; mixed quartz and gouge, north wall at face of drift.

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

1012 Flood Bldg.
870 Market Street
San Francisco 2, Calif.

January 6, 1954

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMA-67X - Copper
Marshall Mining Co.
Marshall Mine, Elko County, Nevada
Contract Idm-E153

For your records, enclosed herewith are two copies of a letter from subject Operator, dated December 23, 1953, written as their progress report for the month of November 1953.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copy to: E. H. Bailey, USGS
Finance Officer, Region III

MARSHALL MINING COMPANY
COPPER MINES
CONTACT, NEVADA

December 23, 1953

Defense Minerals Exploration Administration
1012 Flood Building
870 Market Street
San Francisco 2, California

RE: Idm - E153
DMA-67X
Amended

Dear Sirs:

This letter is written as our progress report for the month of November, 1953.

During the month of November we did not advance the heading from the previous month. The bad water and ground condition prompted us to give more study to the problem and to determine if some lapse of time would lessen the water flow.

During November our crew has concentrated on developement in the stopes and the extraction of ore.

Very truly yours,

MARSHALL MINING COMPANY

Per /s/ Maurice M. Marshall

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 5 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: November 5, 1953

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA -67X

Contract Idm-E 153 (Amended)

Commodity Copper

Operator - Marshall Mining Company

Property - Nevada-Bellevue Mine, Elko County, Nevada

By Glenn G. Gentry

Dated October 27, 1953

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

DEPARTMENT OF THE INTERIOR
Defense Materials Administration
RECEIVED
NOV 9 1953

INTERIM REPORT

Docket No.: DMA-67X - Annex 1 (Copper) October 27, 1953

Name and address of operator: Marshall Mining Company
Contact, Nevada

Office: 1355 Bay Street
San Francisco, Calif.

Name and location of property: Marshall Mining Company
(Nevada-Bellevue Mine)
Elko County, Nevada

Contract No.: Idm-E153, amended

SUMMARY

Pursuant to the amended contract dated May 29, 1953, the Marshall Mine was visited on October 18, 19, and 20, 1953 for the purpose of inspecting the work being performed by the applicant. During the inspection of the exploration work, the examining engineer was accompanied by Mr. Maurice M. Marshall, one of the owners, and Mr. Leo Bricker, mine foreman.

On August 29, 1953, the applicant started preliminary drifting in a southwesterly direction in the hanging wall of the fissure in order to drive around the shaft which had caved to a considerable extent.

The initial 78 feet of the Southwest drift has been done at the applicant's expense in order to reach a point comparable to the west side of the shaft which was considered to be the beginning of the contract exploration.

The Southwest drift has followed the fissure for a total distance of 181.1 feet (see attached map). The purpose of extending the Ilo level in a southwesterly direction is to explore new areas between the shaft and the old Dunkle Tunnel which had been productive from relatively shallow surface workings.

The applicant is employing a total of seven men who are engaged in mining and shipping copper ores as well as extending the Southwest drift.

Mining production has been reduced for the past month in order to expedite extension of the exploration project.

STATEMENT OF WORK COMPLETED

Southwest drift:-

Previously reported		None
Aug. 29 to Oct. 19, 1953		102.6 feet
	Total	102.6 feet = 17.1%

Total drifting allowed under the contract: 600.0 feet

Uncompleted drifting: 497.4 feet = 82.9%

The drift has an average width of 6 feet and will vary in height from 6.5 feet to 7.0 feet. Considerable overbreak has occurred due principally to the blocky nature of the granite walls of the fissure.

Soft and decomposed granite, together with some water, in the face of the drift on Oct. 19, required the installation of four sets of timbers. The work has been done in a satisfactory manner and has followed

good mining practice. Usually two miners are engaged in extending the drift, working one shift per day and 6 days per week. Up to the time of the inspection, the drift advance had averaged 4 feet per day.

Wages will vary somewhat, depending upon the type of job:

Mine foreman @ $18.00/day
Lead miner in the drift @ $16.00/day
Miners helper in the drift @ $15.00/day
Stope miners @ $15.00/day
Motorman and outsideman @ $14.00/day

GEOLOGY

The Southwest drift has followed a fissure between granite walls. The quartz vein has varied from 0.6 feet wide to 3.2 feet wide and in general dips from 45° to 60° south. Considerable faulting has occurred in a general North-South direction and dipping steeply to the west. Near the face of the drift faulting has occurred in which the granite has been altered to a considerable amount of gouge on the hanging wall side.

An inflow of water amounting to about 10 g.p.m. was encountered with the gouge and therefore timbering was required as the drift advanced.

SAMPLING

The examining engineer secured eight samples from various sections of the vein. As soon as the analysis on these samples are available, they will be forwarded for attachment to the report.

FINANCIAL REPORT

Actual cost of the work performed under the prior contract in stages 1 and 2	$50,421.37 1/

Agreed unit costs, stage 2:

600 feet of drifting @$30.25/ft	$18,150.00	
100 feet of raising @ $30.25/ft	3,025.00	
100 feet of sub-level drifting @ $30.25/ft.	3,025.00	
		$24,200.00
Total estimated cost of project		$74,621.37

Government participation @ 50% = $37,310.68

1/ Subject to final audit.

Expenditures: September 1953:

50 feet of drifting @ $30.25/ft.	$ 1,512.50
Unexpended funds	$22,687.50

Government equity in equipment purchased under prior contract, at 50%, amounts to $3,267.00 and is repayable at the rate of $600.00 per month:-

Expenditures reported by applicant for	Sept.	1953	$1,512.50
Less 50% Government participation	"	"	756.25
Gross amount owed to applicant	"	"	$ 756.25
Less equipment payment owed to Gov't	"	"	600.00
Approved as payment to applicant	"	"	$ 156.25

Contract period:

Contract dated: May 29, 1953 and is to be completed prior to June 1, 1954
Expended contract time: 5 months
Unexpended contract time: 7 months

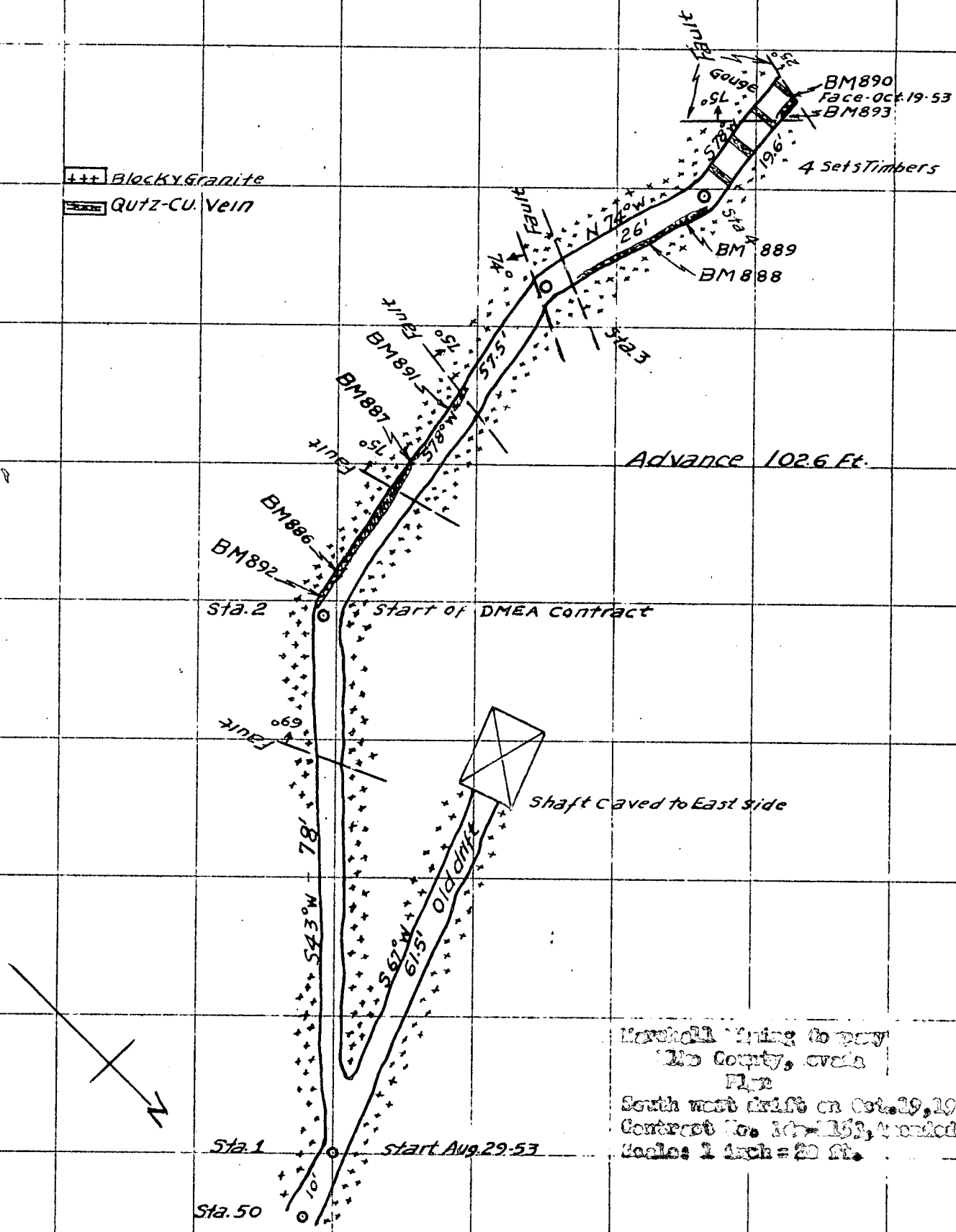
COMMENTS

The amount of overbreak could probably be decreased by closer attention to the drilling pattern and in the use of 30% dynamite instead of the present 40% powder. This would also reduce costs.

Transportation equipment is not sufficient to conduct both full scale mining and exploration operations at the same time on a one shift basis, therefore, mining production usually waits until cars are available.

Additional ventilation equipment should be provided for the Southwest drift. Also, straightening and leveling the track in many places would decrease transportation time. These matters were discussed with Mr. Marshall.

Glenn G. Gentry
Mining Engineer



Marshall Mining Company
Mo County, Ovda
Plan
South west drift on Oct.19,1953
Contract No. 1[illegible]-153, Amended
Scale: 1 inch = 20 ft.

"ALBANENE" No. 100M A&E CO., N.Y.
REG. U.S. PAT. OFF

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 67 X Contract No. Idm E 153
Operator's Name Marshall Mining Co Minerals amended
Address Contact, Nevada Copper
Contract Amount, $ 74,621.37 Government Participation: 50% Amount, $ 37,310.68

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 64'	1,936.00	1512.50	3448.50	1936.00	1512.50	3448.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify): Less Liquidation payment on Property Orig. Contract				1200.00		
TOTALS	1,936.00	1512.50	3448.50	736.00	1512.50	3448.50

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

Date Nov 3, 1953 *Payee Marshall Mining Co

Per Maurice M. Marshall Title partner

*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:

$ 368.00

Signature Lloyd H. Sjolander
Authorized Certifying Officer
(Authorized Certifying Officer)

Date NOV 24 1953 Vou. No. SF-DMEA-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-E153 Amended in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date Nov. 5, 1953.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date November 9, 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-204A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS NOV 9 1953
Defense Minerals Administration
RECEIVED
NOV 30 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1953 Docket No. DMEA 67 X Contract No. Idm E153 amended
Operator's Name Marshall Mining Co Minerals Copper
Address Contact, Nevada

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	1'	1936.00	64	3448.50	114	30.25	600	30.25
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					Stage II			24,200.00

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

Date Nov 3, 1953 Operator Marshall Mining Co
Per Maurice M. Marshall Title partner

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 30 1953

Nov. 3, 1953

Defense Minerals Exploration Administration
1012 Flood Bldg
San Francisco, Calif.
Mr H. C. Miller, Exec. Officer

Docket DMA 67X
Contract Idm E153
Copper

Dear Sirs;

Enclosed is our report and voucher for the month of October, 1953.

By mid-October the heading was well into the mineralized zone of the vein. We hit water as we approached the vein and the water flow increased as we moved ahead. The granite rock became more decomposed and the ground more difficult to hold as we advanced. The vein shows much faulting in this area. Due to the difficulties encountered we advanced only 64 feet in 27 shifts during the month.

We are considering working two shifts and procuring more efficient spiling equipment in order to move thru this area. We made practically no progress during the last week of October.

Very Truly Yours,
Marshall Mining Co

Maurice M Marshall

MARSHALL MINING CO.
CONTACT, NEVADA

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS OCT 21 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED

Month of Sept, 1953 Docket No. DMEA 67X Contract No. Idm E 153 amended
Operator's Name Marshall Mining Co
Address Contact, Nevada
Minerals Copper
Contract Amount, $ 74,621.37 Government Participation: 50 % Amount, $ 37,310.68

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1512.50	0	1,512.50	1512.50		1512.50
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
Less Liquidation payment on Property Orig. Contract.				1200.00		
TOTALS	1512.50	0	1512.50	312.50		

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

Date Oct 7, 1953 *Payee Marshall Mining Co

Per Maurice M. Marshall Title partner

*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:

$156.35

Signature Lloyd H. Sjolander
Authorized Certifying Officer
(Authorized Certifying Officer)

Date NOV 24 1953 Vou. No. SF-DMEA-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-E153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date October 14, 1953.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date October 20, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

ACCOUNTS OCT 21 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept 195 3 Docket No. DMEA 67X Contract No. Idm 6153 amended

Operator's Name Marshall Mining Co

Address Contact, Nevada

Minerals Copper

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	1'	1,512.50	50	1512.50	50	30.25	600	30.25
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					Stage II			24,200.00

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 Oct 7, 1953 Operator Marshall Mining Co

Per Maurice M. Marshall Title partner

Remarks: Most of advance was in good ground with little timbering required

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

MARSHALL MINING COMPANY
COPPER MINES
CONTACT, NEVADA

Oct 7, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 30 1953

Defense Minerals Exploration Administration
1012 Flood Bldg, San Francisco
att Mr H.C. Miller, Executive Officer.

Re Contract DMA 67X
Item E153 Amended

Dear Sirs

Exploration work as provided for in our amended contract was started on Aug 29th 1953. Because of the bad ground and caved condition at the old shaft it was decided to go around the shaft in the hanging wall side. We started the new work 74' East of the westerly side of the shaft and on Oct 1st had advanced 124' westerly around the shaft. We are deducting 74' of this work from the enclosed monthly report for September, which leaves a footage gain of 50' for the month on work provided for ... the contract.

We installed four square sets of timber and the ground for the most part was hard ground and standing well. We have left a large pillar around the shaft and expect to be back on the vein during the first week of October.

Very Truly Yours, Marshall Mining Co.
Thomas W. Marshall

MDL

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: September 3, 1953

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Company

Property - Marshall Mine, Elko County, Nevada

By Glenn G. Gentry

Dated September 2, 1953

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

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

INTERIM REPORT

Docket No. : DMEA-67X (Copper) Sept. 2, 1953

Name and address of operator: Maurice Marshall
V. C. Marshall
Contact, Nevada

Name and location of property: Marshall Mining Co.,
Elko County, Nevada

Contract No.: Idm-E153, amended on May 29, 1953

SUMMARY

The Marshall Mine was visited on August 26, 1953 for the purpose of ascertaining the decision of the applicant relative to the amended contract. During a conference with Mr. Maurice Marshall, the examining engineer was informed that one of the applicants had already signed the contract and that signatures of the two remaining applicants would be obtained in the near future.

Inasmuch as the contract was awaiting final signatures, none of the proposed exploration work had been started and no funds were expended.

Relative to the applicants purchase of the Government's interest in the mining equipment, purchased jointly at the start of Stage I of the original contract, Mr. Maurice Marshall advised the examining engineer that he would accept the terms outlined in Mr. H. C. Miller's letter dated July 23, 1953.

The mine has been in continuous operation and is presently employing from 8 to 9 workmen.

Production has been maintained at about four carloads per week or 16 to 17 railroad cars per month. The grade has varied somewhat but appears to have had a general average of about 3.5% copper. Mr. Marshall further reports that six months operation of the mine has produced in excess of 293,000 pounds of copper.

On September 1, 1953, this office received a copy of the signed amended contract and it is therefore assumed that the applicant will begin work on this new stage of the exploration project.

Glenn G. Gentry
Mining Engineer

SEMI-ANNUAL DMEA REPORT

Docket No.: DMA-67X (Copper) Sept. 22, 1953

Contract No.: Idm-E153

Period: First: August 1, 1952 to June 30, 1953
Date of contract: Sept. 19, 1951
Exploration work completed: Sept. 27, 1952
Amendment No. 1 permitted operator to pay the increased wage scale prevalent in the area at that time.
Amendment No. 2 extended the completion date from Sept 19 to Sept. 28, 1952.

Name and address of operator: The Marshall Mining Co., George V. Marshall, Maurice N. Marshall, Mrs. Virgil L. Marshall, partners

1355 Bay Street,
San Francisco, Calif.

Name and location of property: Marshall Mining Co., Elko County, Nevada. Located about 2.0 miles northwest of the old town of Contact, Nevada in sec. 13, T. 45 N., R. 63 E., M.D.B.&M., Salmon River Mining District.

Date certified:

It was recommended that a certification of a discovery be made on Feb. 16, 1953 by a memorandum to the Executive Officer, DMEA Field Team, Region III. Actual certification was made by the Administrator, Defense Minerals Exploration Administration to the Marshall Mining Co. on March 16, 1953.

Expenditures:

Operator	Government	Total
$25,210.69	$25,210.68	$50,421.37

Statement of operations:

Production from August 1, 1952 through June 30, 1953 amounted to 3289.979 dry tons of oxidized copper ore averaging about 3.5 percent copper per ton. The total value of this ore was $64,717.44; truck, railroad and smelter charges amounted to $17,252.10 leaving a net value of the ore of $47,465.34. Royalty payments amounted to $2,095.32; about 4.4% of $47,465.34.

Production information and smelter settlement sheets were submitted to the Regional Office of Region III by the operator. This information was then given by the Regional Office to the Mining Division, Region III, Reno, Nevada.

Workings made accessible and completed by the operator as described in the field team's final report provided access for moderate cost mining operations.

Remarks:

The operator is continuing operations and is making regular shipments to the smelter. An amendment to the DMEA contract was signed on May 29, 1953 to continue exploration at this property.

A. C. Johnson, Chief
Mining Division
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 10 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: October 6, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Company

Property - Elko County, Nevada

By Glenn G. Gentry

Dated September 16, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (with one copy of report)
E. H. Bailey, USGS (with one copy of report)

INTERIM REPORT

September 16, 1952

Docket No. DMA-67X (copper)

Name and address of operators: Maurice Marshall
V. C. Marshall
Contact, Nevada

Name and location of property: Marshall Mining Co.
Elko County, Nev.

Contract No.: Idm-E153

SUMMARY

The Marshall Mine was inspected on Sept. 2 and 3, 1952 for the purpose of securing information relative to the progress and character of the work being performed under the exploration contract.

A Brunton survey was made to show the advance in the West drift, from July 18 to Sept. 2, 1952. The West drift had been advanced a distance of 155.0 feet and the East drift had been advanced a distance of 7.7 feet.

On July 25, 1952, the crew who had been working in the East drift were transferred to the West drift and employed on the night shift. The applicant, therefore, expected to increase the advance of the West drift by having two crews. However, this arrangement did not prove to be entirely satisfactory and the night shift was laid off about the middle of August for a two week period.

Two days lost time also occurred due to necessary repairs on the air compressor and 3 days time were lost during the Labor Day holiday. The lost time together with the one shift basis has therefore decreased progress.

Expenditures:

Total authorized expenditures	$50,421.37
Government's share 50% = $25,210.68	
Total expenditures as of 8/31/52 . . .	48,257.84
Balance	$ 2,163.53

The remaining unexpended portion of the exploration fund will probably be exhausted by September 25, 1952.

COMMENTS, ETC.

The West drift has been following a strong vein of oxidized copper ore from the Ilo level. This vein has now been exposed for a strike length of approximately 1,200 feet. Width of the vein has varied considerably from about 12 inches minimum to a maximum of 12 feet.

SAMPLING

The following samples were taken by the inspecting engineer:

Sample No.	%,Cu	Oz Au/T	Oz Ag/T	Description
343	3.03	0.015	1.00	Width 32 inches - West Drift - on footwall side of drift, 11.6 feet west of Station 48.
344	3.16	0.03	1.20	Width 20 inches - on hanging wall side of West drift, 18.5 feet west of Station 45.
345	4.27	0.01	1.70	Width 45 inches - across vein in back of West drift, 17 feet east of Station 41.
346	6.38	0.005	1.00	Width 34 inches - across vein in back of West drift, 14 feet west of Station 39.

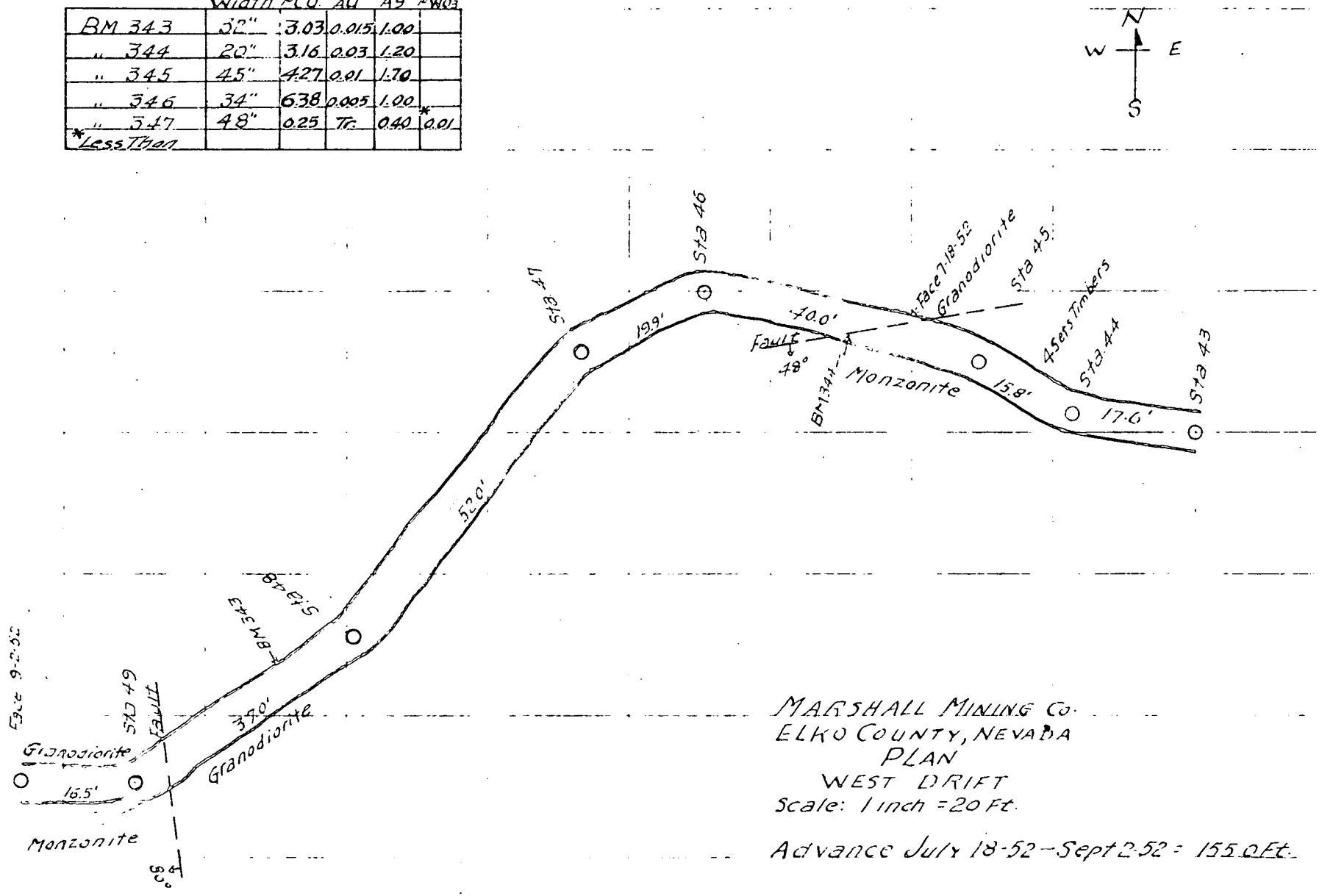
A small occurrence of scheelite was noted on the footwall side of the East drift at 120 feet east of the intersection of the Ilo level. Accordingly a sample of this material was taken as follows:

Sample No.	%,Cu	%,WO_3	Oz Au/T	Oz Ag/T	Description
BM-347	0.25	*0.01	Trace	0.40	Width 4 feet - The scheelite appeared to occur on the cleavage planes of the bedded slates and quartzites.

* Less than.

Glenn G. Gentry
Mining Engineer

	Width	%CU	ozs/T AU	AG	%WO3
BM 343	32"	3.03	0.015	1.00	
" 344	20"	3.16	0.03	1.20	
" 345	45"	4.27	0.01	1.70	
" 346	34"	6.38	0.005	1.00	
" 347	48"	0.25	Tr.	0.40	* 0.01
*Less Than					



MARSHALL MINING CO.
ELKO COUNTY, NEVADA
PLAN
WEST DRIFT
Scale: 1 inch = 20 Ft.

Advance July 18-52 – Sept 2-52 = 155.0 Ft.

CONCLUSIONS

The character of the work has been satisfactory when taking into consideration the condition of the rock encountered, and the drifting has followed good mining practice.

RECOMMENDATIONS

1. There have been some instances when additional drill holes would have resulted in better breakage and therefore more footage per round. However, it is necessary to rely on the experience of the mine foreman or drill operator in placing the drill holes.

2. Changes in project or target: None.

3. Amendments to contract: None

4. Other: It is evident that the applicant will not be able to extend the West drift much beyond the shaft before the exploration funds are exhausted and it is believed that the area between the shaft and the Dunkle Tunnel should be explored. Whether or not the applicant will request further financial assistance from the Government is not known.

STATEMENT OF WORK COMPLETED

West drift off Ilo level:

Previously reported	881.9 feet
Advance this period	155.0 feet
Todate	1,036.9 feet

East drift off Ilo level:

Previously reported	166.6 feet
Advance this period	7.7 feet
To date	174.3 feet

Total advance, both drifts	1,211.2 feet
Total advance, both drifts 7/18-9/2/52	162.7 feet

On August 23, 1952, the applicant loaded and shipped one carload of copper ore to the American Smelting and Refining Co. at Garfield, Utah. This ore was shipped via Union Pacific Railroad in U.P. Car No. 65378, estimated at approximately 50 tons. The greater portion of this sorted ore was obtained by the advance of the West drift and between stations 45 to 48 and was obtained as a result of the present exploration program. We have no information, at this time, from the A.S.&R. Co., relative to the assay value of the shipment.

In driving the West drift from station 44 to station 45, it was necessary to install 4 sets of timbers. From station 49 to the face of the drift, considerable caving ground has been encountered and it is considered that it will be necessary to install 5 sets of timbers.

The caving condition was apparently caused by a north-south fault which has slickensided the monzonite to a very considerable extent. The drift from station 49 to the face has been driven in the footwall diorite and will now have to be turned to the southwest in order to follow the vein to the shaft. The distance from the face of the drift to the shaft is estimated to be 63 feet.

Effective Sept. 2, 1952, the night shift was again placed on duty in an effort to secure the maximum advance before the exploration funds were exhausted.

Six men are currently employed under the direction of Mr. V. C. Marshall. Mr. Marshall was occupied with various duties outside and did not accompany the inspecting engineer underground.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

Budget Bureau No. 42-R1036.3.
Approval expires 10-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 67 X Copper Contract No. E153
Operator's Name Marshall Mining Co Minerals Copper
Address Contact, Nevada
Contract Amount, $ 50,421.37 Government Participation: 50 % Amount, $ 25,210.68

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1368.00	16873.31	18241.31			
Supervision	450.00	4050.00	4500.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	36.00	832.59	868.59			
Explosives	99.40	471.53	570.93			
Pipe		1419.24	1419.24			
Track		2075.48	2075.48			
fuel, other	107.83	2792.71	2900.54			
(4) Operating Equipment:						
Rental						
Purchase		10,855.06	10,855.06			
Depreciation	267.67	2409.03	2676.70			
(5) Initial Rehabilitation and Repairs		902.54	902.54			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	28.00	171.44	199.44			
Sampling and Analysis						
Payroll Taxes	24.65	231.41	256.06			
Liability Insurance		157.99	157.99			
Nev. Unemploy Ins.		416.72	416.72			
Comp Insurance (July)	168.41	1988.54	2156.95			
(8) ~~Contingencies (specify)~~:						
Transportation		18.00	18.00			
Truck license		42.29	42.29			
TOTALS	2549.96	45,707.88	48,257.84			

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

Date Sept 5, 1952 *Payee Marshall Mining Co

Per Maurice M. Marshall Title partner

*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

$ 1274.98

Signature
(Authorized Certifying Officer)

Date SEP 29 1952 Vou. No. SF-DMEA-16

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

Signature A. C. Johnson Title [illegible] Date October 16, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature N. C. Miller Title [illegible] Date [illegible]

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1952, Docket No. DMEA 67 X Copper Contract No. 153
Operator's Name Marshall Mining Co Minerals Copper
Address Contact, Nevada

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		2549.96	95	8535.09	408	20.9	2250	12.30
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Underground rehabilitation		—	—	27,965.15	2190	12.77	2210	1.85
TOTAL DISTRIBUTED COSTS		2549.96		36,500.24				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				10,855.06				10,777.00
Initial Rehabilitation and Repairs				902.54				1,100.00
New Buildings, Improvements, etc								
TOTAL COSTS		2549.96		48257.84				

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

Date Sept 5, 1952 Operator Marshall Mining Co
Per Maurice M Marshall Title partner

→ 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: Work during August was concentrated in the west drift, 2 shifts per day worked for 2 weeks and only one shift for the other 2 weeks. 3 days drilling was lost due to mechanical failure. Practically the total distance gained was in good ore running from 2 to 5 feet in width

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

Department of the Interior
Defense Minerals Administration
RECEIVED
AUG 18 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: August 13, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA-67X

Contract Idm-E 153

Commodity Copper

Operator - Marshall Mining Company

Property - Elko County, Nevada

By Glenn G. Gentry

Dated August 11, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (with one copy of report)
E. H. Bailey, USGS (with one copy of report)

August 11, 1952

INTERIM REPORT

AUG 18 1952

Docket No. DMA-67X (Copper)

Name and address of operators: Maurice Marshall
V. C. Marshall
Contact, Nevada

Name and location of property: Marshall Mining Company
Elko County, Nevada

Contract No. Idm-E153

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Marshall Mine was inspected on July, 18, 19, 20, 1952, for for the purpose of securing information relative to the progress and character of the work being performed under the exploration contract.

A Brunton survey was made to show the advance in both the east and west drifts, since the date of the last inspection on May 28, 1952. Numerous samples were also taken by the inspecting engineer.

Since the previous inspection on May 28, 1952, the west drift has been advanced a distance of 531.3 feet and the east drift has been advanced a distance of 53.4 feet.

The caved material has been removed from the west drift. The drift has been advanced beyond the old winze, and the heading is now being driven through solid formation. Considerable retimbering and the installation of new timber sets have been required as noted on the attached drawing. The west drift heading, at the time of the inspection, was approximately 235 feet east of the old main shaft.

In extending the east drift the last 53.4 feet, no timbering has been installed.

The vein in the east heading is decreasing in width and also the mineralization in the vein is showing a marked decrease in value.

Work was discontinued on July 25th and the crew transferred to the west drift.

Two crews will be used in the west drift to double the footage and explore virgin ground west of the main shaft.

Funds and time are not available to extend the west drift 1200 feet west of the shaft as called for under Stage 2, Item 2, in the contract. Under the circumstances it is more logical to extend the west drift to explore areas under the Dunkle tunnel which has been productive in the past.

The east drift at the present time does not offer possibilities of making a discovery of copper ore. The inspecting engineer concurs with the plans of the operators and recommends that the west drift be extended as rapidly as possible.

STATEMENT OF WORK COMPLETED

West drift off Ilo Level:

Previously reported:	350.6 feet
Advance this period:	531.3 feet
To date:	881.9 feet

East drift off Ilo Level:

Previously reported:	113.2 feet
Advance this period:	53.4 feet
To date:	166.6 feet

Total advance both drifts:	1048.5 feet
Total advance both drifts, 5/28/52 - 7/18/52	584.7 feet

Expenditures:

Total authorized expenditures:	$50,421.37
Government's share 50% or $25,210.68	
Total expenditures as of 6/30/52:	42,032.23
Balance:	8,389.14

At the present rate of expenditures, the funds allocated for this project will be exhausted about September 1, 1952.

The Contract No. Idm-E153 was dated September 19, 1951 and an allowance of 30 days was made for beginning the work. Therefore, the contract would expire on October 19, 1952.

It is apparent that neither funds nor time, under the contract, are available to reach the objectives as proposed by the applicant in his application.

The reasons for the increased costs and the decreased footage are not believed to be caused by any neglect or inattention to the job by the operators. The estimates, both in time and money, made for cleaning up caved sections in the Ilo Tunnel and the west drift, were much too low. These conditions underground could not be foreseen prior to the actual opening of the tunnel and are considered to be the cause of the present situation.

The operators have had a crew of experienced workmen on the job at all times and it is believed the work has been done in an efficient manner and has followed good mining practice.

The operators' monthly reports have been found to be correct and have been approved for payment.

SAMPLING

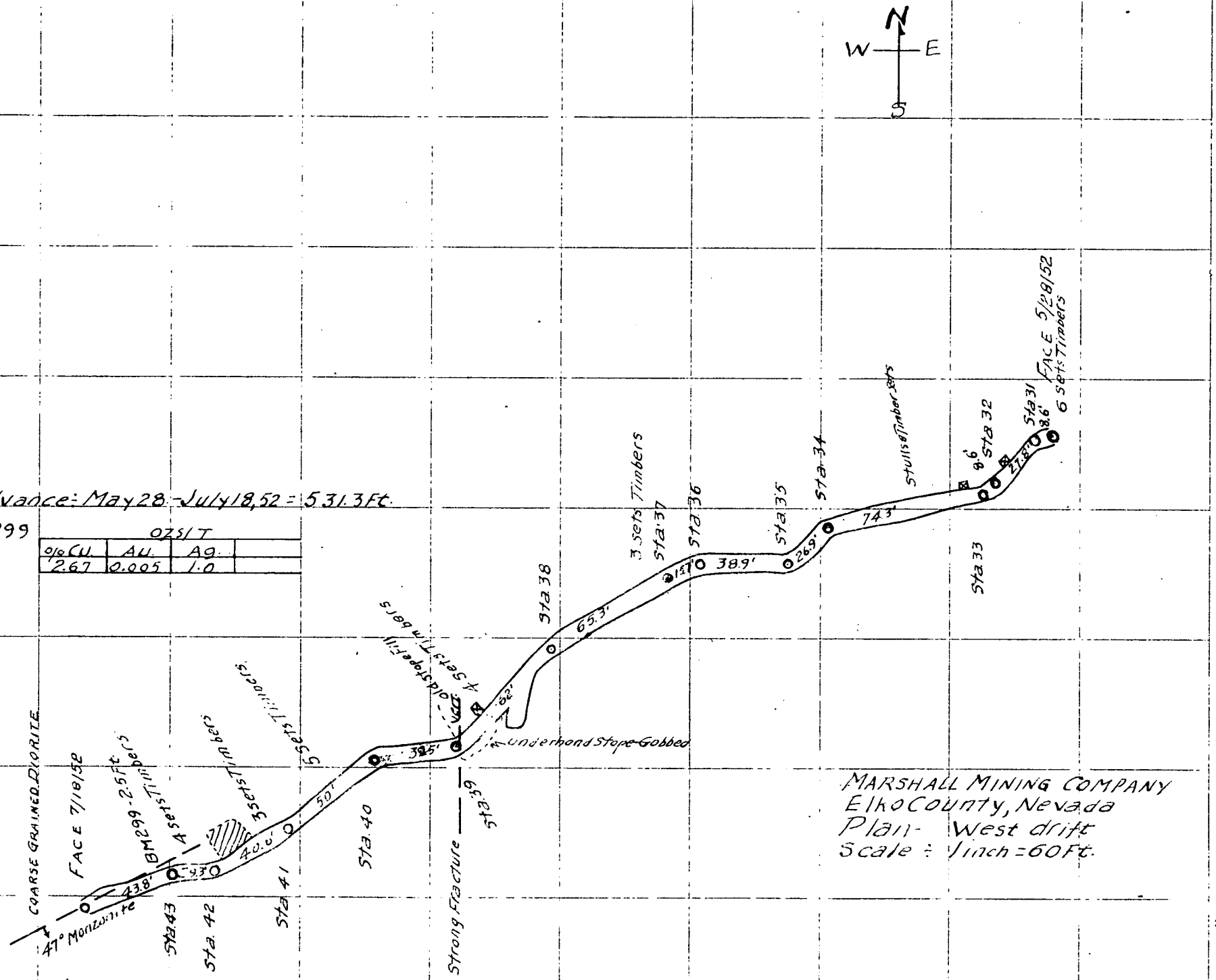
The character of the vein material encountered in the west drift has not changed on that level.

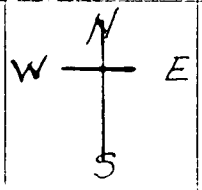
The vein structure continues to widen and decrease in width along the strike and the walls of the fissure have remained principally in the Granodiorite.

Samples	Width	% Cu.	Ozs./T Au.	Ag.	Location
BM-296	54 inches	2.50	0.005	1.40	S.W.face of small stope above Sta. 25 in west drift
BM-297	18 inches	1.66	0.01	1.10	Across vein in face of east drift on 7/18/52
BM-298	3.5 feet	3.04	0.005	0.70	S.W. face of small stope about 12 ft. above level of west drift and 23 ft. west of Sta. 28
BM-299	2.5 feet	2.67	0.005	1.0	Across vein FW side of west drift. Sta. 42 + 27 ft.
BM-300	2.3 feet	13.12	0.015	5.75	Across qutz.vein in west drift 4 ft. east of Sta. 28 on HW side of the drift.
BM-301	Composite	1.32	Tr.	0.60	Composite of 5 samples taken across vein in bottom of east drift. Sampled at 10 ft. intervals starting 10 ft. east of face on 5/28/52.
BM-302	Chip sample	5.92	0.04	2.25	Grab sample and chip sample of top of ore pile in outside ore bin for future shipment. This is sorted ore of about 5-7 tons.
BM-303	4 ft.	1.65	0.06	1.15	Quartz vein in Dunkle tunnel about 600 ft. west of main shaft.
BM-304	None	2.30	0.01	0.80	Reported to be typical character of ore. From same stope as sample BM-296.

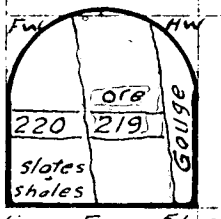
According to maps of the property and reports from the operators; the west drift should soon enter an area which had formerly been productive both above and below the drift.

Glenn G. Gentry
Mining Engineer

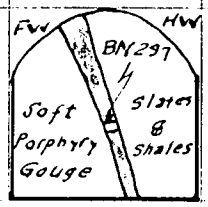

N
W
E
S
Advance: May 28 - July 18, 52 = 531.3 Ft.
BM299
OZS/T
% CU. | AU. | AG.
2.67 | 0.005 | 1.0
COARSE GRAINED DIORITE
FACE 7/18/52
BM299 - 2.5 Ft.
4 sets Timbers
3 sets Timbers
5 sets Timbers
47° Monzonite
43.8'
43.0
40.0'
50'
32.5'
Sta 43
Sta 42
Sta 41
Sta 40
Strong Fracture
Sta 39
old stope fill
4 sets Timbers
Underhand Stope Gobbed
Sta 38
65.3'
3 sets Timbers
Sta 37
14.7'
Sta 36
38.9'
Sta 35
26.9'
Sta 34
74.3'
Stulls & Timber sets
Sta 33
8.6'
Sta 32
27.8'
Sta 31
8.6'
FACE 5/28/52
6 sets Timbers
MARSHALL MINING COMPANY
Elko County, Nevada
Plan - West drift
Scale: 1 inch = 60 Ft.



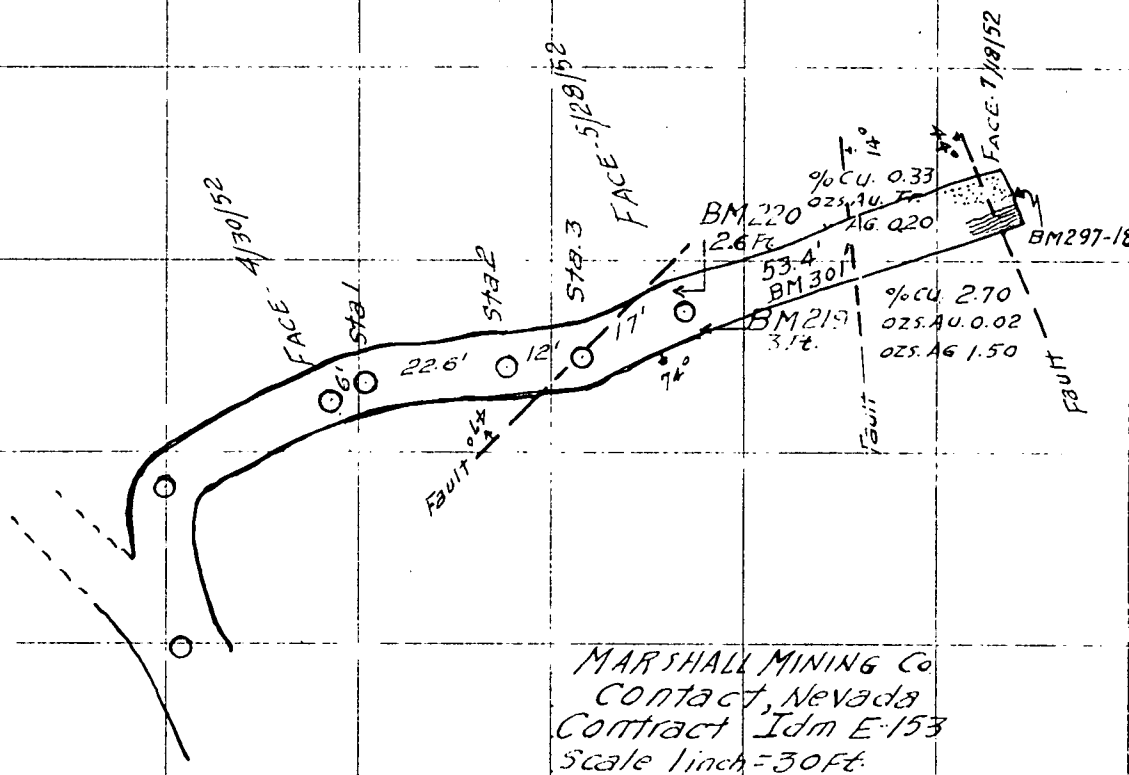
BM	Width	% Cu.	OZS/T Au.	Ag.
219	3'	2.70	0.02	1.50
220	2.6'	0.33	Tr.	0.20
297	1.5'	1.56	0.01	1.10
301	Bottom	1.32	Tr.	0.60



Section-Face-5/28/52
Not to Scale



section-Face 7/18/52
Not to Scale



MARSHALL MINING Co
Contact, Nevada
Contract Idm E-153
Scale 1 inch = 30 ft.

PLAN
East Drift
Progress: 4/30/52 - 5/28/52
" 5/28/52 - 7/18/52

New Ore Bin.

Constructed with second hand R R Ties

Looking North along surface exposure of the Vein.

The Main shaft (pertly caved) shown in the foreground

Mr.Maurice Marshall.

Photo taken outside Portal of the Dunkle Tunnel

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

OCT 6 1952

Month of July 1952 Docket No. DMEA 67X Copper Contract No. E153
Operator's Name Marshall Mining Co Minerals Copper
Address Contact Nevada
Contract Amount, $ 50,421.37 Government Participation: 50 % Amount, $ 25,210.68

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1644.00	15,229.31	16,873.31			
Supervision	450.00	3,600.00	4,050.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	35486	47773	83259			
Explosives	133.70	337.83	471.53			
Pipe		1419.24	1,419.24			
Track		2075.48	2075.48			
fuel, supplies, other	316.55	2476.16	2792.71			
(4) Operating Equipment:						
Rental						
Purchase		10,855.06	10,855.06			
Depreciation	267.67	2141.36	2409.03			
(5) Initial Rehabilitation and Repairs		902.54	902.54			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	18.68	152.76	171.44			
Sampling and Analysis						
Payroll Taxes	40.06	191.35	231.41			
Liability Insurance		157.99	157.99			
2nd Qtr Unemploy. Ins	178.79	237.93	416.72			
Comp. Insurance, etc	271.34	1717.20	1988.54			
(8) ~~Contingencies (specify):~~						
Transportation		18.—	18.—			
Truck license		42.29	42.29			
TOTALS	3675.65	42,032.23	45,707.88			

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

Date Aug 12, 1952 *Payee Marshall Mining Co

Per Maurice M. Marshall Title partner

*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:

$ 1837.83

Signature (Authorized Certifying Officer)

Date SEP 29 1952 Vou. No. 51-DMCa-16

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

Signature [illegible] Title [illegible] Date [illegible] 20, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer DMEA Field Team Date [illegible] 20, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1952 Docket No. DMEA 67 X Copper Contract No. 153
Operator's Name Marshall Mining Co Minerals Copper
Address Contact Nevada

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		2756.74	145	5985.13	313	19.12	2250	12.30
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails Underground Rehabilitation		918.91	130	27,965.15	2190	12.77	2210	1.85
TOTAL DISTRIBUTED COSTS		3675.65		33,950.28				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				10,855.06				10,777.00
Initial Rehabilitation and Repairs				902.54				1,100.00
New Buildings, Improvements, etc.								
TOTAL COSTS		3675.65		45,707.88				

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 12, 1952 Operator Marshall Mining Co
Per Maurice M Marshall Title partner

REMARKS: By mid July we had finished all rehabilitation work. Since that time all effort has been concentrated on advancing the west heading to connect with the shaft as quickly as possible.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

August 19, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Operators' Monthly Progress Reports - Forms MF-104 & 104A

Enclosed herewith are two copies each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report dated	Period covered
Idm-E153 DMEA-67X	Marshall Mining Co.	July 14, '52	June 1952
Idm-E187 DMEA-1219X	Glidden Company	July 14, '52	June 1952
Idm-E207 DMEA-1640X	Red Rock Quicksilver Mines (W. F. Dunnigan)	July 2, '52	June 1952
"	" "	Aug. 4, '52	July 1952
Idm-E336 DMEA-2353	Sweeney Tungsten Co., Inc.	July 1, '52	June 1952

H. C. MILLER

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachments

Copy to: E. H. Bailey, USGS

AUG 25 1952

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

OCT 6 1952

Month of July 1952 Docket No. DMEA 67X Copper Contract No. E153
Operator's Name Marshall Mining Co Minerals Copper
Address Contact Nevada
Contract Amount, $ 50,421.37 Government Participation: 50 % Amount, $ 25,210.68

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1644.00	15,229.31	16,873.31			
Supervision	450.00	3,600.00	4,050.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	35486	47773	83259			
Explosives	133.70	337.83	471.53			
Pipe		1419.24	1419.24			
Track		2075.48	2075.48			
fuel, epikos, other	316.55	2476.16	2792.71			
(4) Operating Equipment:						
Rental						
Purchase		10,855.06	10,855.06			
Depreciation	267.67	2141.36	2409.03			
(5) Initial Rehabilitation and Repairs		902.54	902.54			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	18.68	152.76	171.44			
Sampling and Analysis						
Payroll Taxes	40.06	191.35	231.41			
Liability Insurance		157.99	157.99			
2nd Qtr Unemplon. Ins	178.79	237.93	416.72			
Comp. Insurance, June	271.34	1717.20	1988.54			
(8) ~~Contingencies (specify):~~						
Transportation		18.—	18.—			
Truck license		42.29	42.29			
TOTALS	3675.65	42,032.23	45,707.88			

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

Date Aug 12, 1952 *Payee Marshall Mining Co

Per Maurice M. Marshall Title partner

*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:

$ 1837.83

Signature (Authorized Certifying Officer)

Date SEP 29 1952 Vou. No. 51-DMEA-1

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

Signature [illegible] Title [illegible] Date [illegible] 29, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title [illegible] Date [illegible] 29, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1952 Docket No. DMEA 67 X Copper Contract No. 153
Operator's Name Marshall Mining Co. Minerals Copper
Address Contact Nevada

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		2756.74	145	5985.13	313	19.12	2250	12.30
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Underground Rehabilitation		918.91	130	27,965.15	2190	12.77	2210	1.85
TOTAL DISTRIBUTED COSTS		3675.65		33,950.28				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				10,855.06				10,777.00
Initial Rehabilitation and Repairs				902.54				1,100.00
New Buildings, Improvements, etc.								
TOTAL COSTS		3675.65		45,707.88				

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 12, 1952 Operator Marshall Mining Co
Per Maurice M Marshall Title Partner

REMARKS: By mid July we had finished all rehabilitation work. Since that time all effort has been concentrated on advancing the west heading to connect with the shaft as quickly as possible.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

August 19, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Operators' Monthly Progress Reports - Forms MF-104 & 104A

Enclosed herewith are two copies each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report dated	Period covered
Idm-E153 DMEA-67X	Marshall Mining Co.	July 14, '52	June 1952
Idm-E187 DMEA-1219X	Glidden Company	July 14, '52	June 1952
Idm-E207 DMEA-1640X	Red Rock Quicksilver Mines (W. F. Dunnigan)	July 2, '52	June 1952
"	" "	Aug. 4, '52	July 1952
Idm-E336 DMEA-2353	Sweeney Tungsten Co., Inc.	July 1, '52	June 1952

H. C. MILLER
H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachments

Copy to: E. H. Bailey, USGS

AUG 2 8 1952

Form ME-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 June, 1952 Docket No. DMEA 67 X Copper Contract No. 153
Operator's Name Marshall Mining Co Minerals Copper
Address Contact, Nevada
Contract Amount, $50,421.37 Government Participation: 50 % Amount, $25,210.68

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						
(2) Labor and Supervision:						
Labor	2673.37	12,555.94	15,229.31			
Supervision	450.00	3,150.00	3,600.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	338.33	139.40	477.73			
Explosives	133.65	204.18	337.83			
Pipe		1,419.24	1419.24			
Track		2075.48	2075.48			
Bit, steel, fuel & lbr	568.92	1907.24	2476.16			
(4) Operating Equipment:						
Rental						
Purchase		10,855.06	10,855.06			
Depreciation	267.67	1873.69	2141.36			
(5) Initial Rehabilitation and Repairs		902.54	902.54			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	81.35	71.41	152.76			
Sampling and Analysis						
Payroll Taxes	29.60	161.75	191.35			
Liability Insurance		157.99	157.99			
Compensation Insurance	197.01	1520.19	1717.20			
Transportation		18.-	18.-			
(8) Contingencies (specify):						
Nev. Unemployment Ins.		237.93	237.93			
Truck license		42.29	42.29			
TOTALS	4739.90	37,292.33	42,032.23			

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

Date July 14, '52 *Payee Marshall Mining Co

Per Maurice M. Marshall Title partner

*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:

$2369.95

Signature Floyd L. Norvell
Authorized Certifying Officer
(Authorized Certifying Officer)

Date AUG 18 1952 Vou. No. SF-DMEA-7

(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-E153 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date July 23, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date Aug. 13, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1952 Docket No. DMEA 67 X Copper Contract No. 153
Operator's Name Marshall Mining Co Minerals Copper
Address Contact, Nevada

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		1184.97	58	3225.39	168	19.18	2250	12.30
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Underground Rehabilitation		3554.93	366	27,046.24	2060	13.13	2210	1.85
TOTAL DISTRIBUTED COSTS		4739.90		30,274.63				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				10,855.06				10,777.00
Initial Rehabilitation and Repairs				902.54				1,100.00
New Buildings, Improvements, etc.								
TOTAL COSTS		4739.90		42,032.23				

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 July 14, '52 Operator Marshall Mining Co
Per Maurice W. Marshall Title partner

REMARKS: The unforeseeable badly caved condition of the I-L tunnel and old drift along the vein necessitated replacement of all rail, pipe, and a great deal of timbering and removal of thousands of tons of waste. This slowed our progress and greatly increased the cost of this work. At the date of this report there remained only 75 more of this work to put us on new ground to the west.

→ 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)

ACCOUNTS JUL 24 1952

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

SF-DMEA-28

MF-104
(August 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 153

Name of Operator Marshall Mining Co
Docket No. DMA 67X Copper
Total Contract Amount $ 50,421.37
Government Participation: 50 % Amount, $ 25,210.68
Distribution of Expenditures for Month of May 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 23 1952

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

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

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

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

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

CERTIFICATION

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

Marshall Mining Co
(Name of Company)

By Maurice M. Marshall
(Signature of Authorized Official)

June 5, 1952
(Date)

partner
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]		10,855.06	10,855.06			
(b) Rented[2]						
(c) Furnished by operator	267.67	1606.02	1873.69			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings		353.04	353.04			
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	1974.00	10,786.44	12,760.44			
5. Supervision	450.00	3,045.00	3,495.00			
6. Supplies						
(a) Timber	–	139.40	139.40			
(b) Explosives	73.08	131.10	204.18			
(c) Repair Parts	26.01	45.40	71.41			
(d) Other	834.87	3,866.46	4701.33			
7. Power						
8. Transportation		18.–	18.–			
9. Insurance						
(a) ~~Fire~~ Social Security April	29.61	132.14	161.75			
(b) Public Liability (Truck)		157.99	157.99			
(c) Workmen's Compensation	195.39	1324.80	1520.19			
New Unemploy. Ins.		237.93	237.93			
10. Contract Work						
11. Other (specify)		742.92	742.92			
Total	3,850.63	33,441.70	37,292.33			
Deletions						
Adjusted totals						
Totals previously reported	33441.70					
Totals to date	37,292.33					

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

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

FOR GOVERNMENT USE ONLY

Checked by L.L.N.
Entered by
Approved by A.C. Johnson
Amount approved for payment $1,995.02
Remarks

JUN 13 1952

Lloyd L. Norvell
Authorized Certifying Official

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	642.00	90.00	188.08	61.50	981.58					
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1782.00	177.67	719.87	189.51	2869.05					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2424.00	267.67	907.95	251.01	3850.63					

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

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

A. G. Johnson, Chief, Mining Div., Reg. III May 31, 1952

Glenn G. Gentry, Mining Engineer, Bureau of Mines, Reg. III

Marshall Mining Co., Contact, Nev. - Contract Idm-E153 (copper)

An inspection of the above mining property was made on May 28, 1952.

Progress Report:

West drift off Ile Tunnel

Previously reported	166.5 feet	- 4/30/52
Advance this month	184.1 feet	- 5/28/52
To date	350.6 feet	

East drift off Ile Tunnel

Previously reported	55.6 feet	- 4/30/52
Advance this month	57.6 feet	- 5/28/52
To date	113.2 feet	

Total advance, both drifts 463.8 feet
Total advance, drifts 4/30/52 to 5/28/52 241.7 feet.

West drift:

The drift has continued to advance through a considerable amount of mixed copper ore and wall rock which had caved from old stopes above the drift level, and this condition will continue for at least another 200 linear feet and it is estimated that additional timbering will be required.

The ore reclaimed in cleaning up the drift contains an unknown amount of copper and this ore is being stockpiled for future shipment. Nine sets of timbers have been installed since the last inspection on April 30, 1952. The present face of the drift is under the north end of a small stope which had been started by previous operators. This stope length is approximately 50 feet, the vein width will vary from about 3 feet to 4.7 feet and the back of the stope, at the highest point, is estimated to be approximately 25 feet above the level.

The Marshall Brothers are contemplating starting mining operations in this stope, in the near future and expect to produce copper ore for shipment to the smelters. The actual mining will be done on company account and by a separate crews of men and records of production and shipments will be submitted along with the monthly reports on Form MF-104.

Regretfully, the [illegible] as [illegible] month's [illegible] 1952 [illegible]

The work of cleaning up the accumulated caved rock and ore in the drift, has been somewhat delayed due to lack of sufficient air compressor capacity, and the mining company are considering the purchase of another air compressor having a capacity of 365 c.f.m.

Whenever actual mining operations are begun, then it will be necessary to prorate the operating time and cost of the compressors, the mine foreman's time and the haulage cost.

Progress in the cleaning up operations in the drift and the timbering installed has been satisfactory and the workmen are doing a good job.

East drift:

This drift is prospecting new ground to the northeast of the Ile Tunnel and is presently following a well defined hanging wall which strikes N. 65° E. and dips 74° to the east. At the time of inspection, on April 30, 1952, the mineralized portion of the vein was 19 inches in width and on May 28, 1952, the vein width in the face of the drift was 36 inches. The ore being removed from the drift is being stockpiled for possible future shipment. Five sets of timbers have been installed during the past month and additional timbers will be installed as required. A heading round usually consists of from 11 to 12 holes, drilled to a depth of 6 feet. Drilling operations average from 4 to 5 hours per shift.

The material in the face of the drift is quartzite and limey shales and slates on the footwall side. Next to the hanging wall of the fissure, widths of gouge will vary from 6 inches to 12 inches, which indicates the granodiorite contact zone is being approached. While the character of the work is satisfactory, progress has been rather slow. Lack of sufficient air compressor capacity and timbering operations are probably the principal reasons, coupled with the desire of the management to speed up work in the West drift in order to get under known ore bodies from which actual production of ore can be started.

General:

The work for the past month has continued under the direction of Mr. G. V. Marshall and there has been no change in the crew, which consists of:

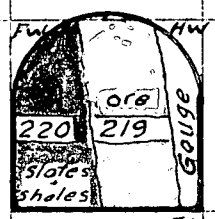
1 mine foreman
5 miners
1 motorman
1 outside man
6

Ore stockpiled at the end of the dump and outside of the Ile Tunnel, is estimated by Mr. Marshall as amounting to 450 tons. However, the number of mine cars were not available for checking this estimate.

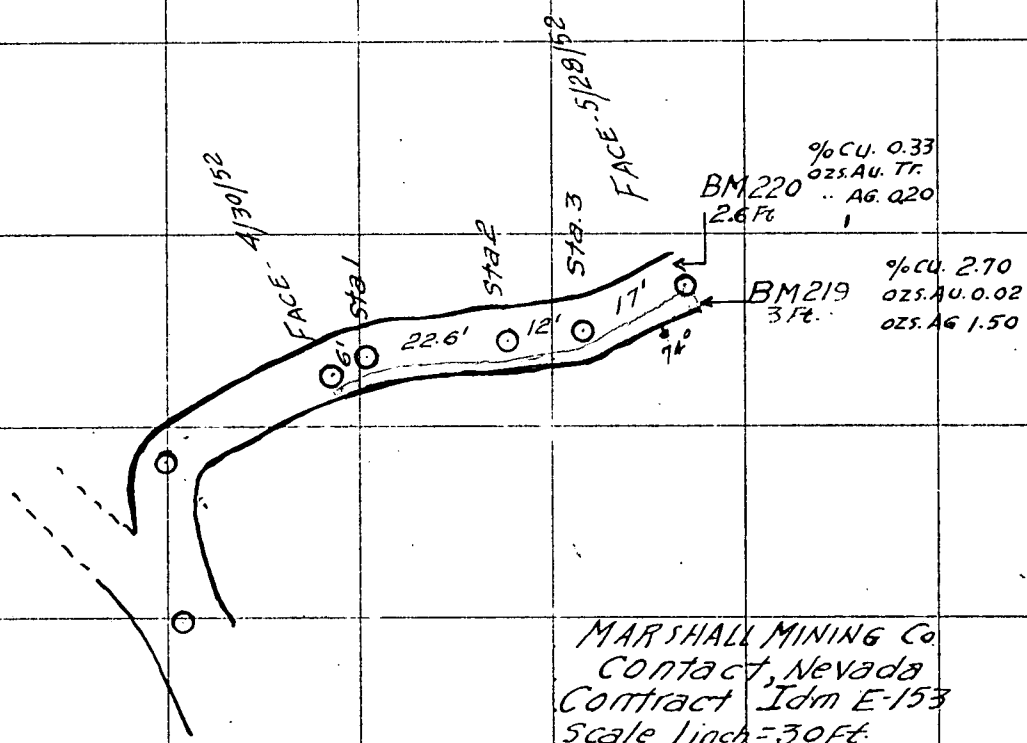
Glenn G. Gentry

SAMPLING

Sample No.	Cu,%	Ounces/ton Au	Ounces/ton Ag	Description
BM-219	2.70	0.02	1.50	Channel cut across 3 feet of ore on hanging wall side, in face of East drift.
BM-220	0.35	Trace	0.20	Channel cut across 2.8 feet of mixed ore and footwall material, on footwall side, in face of East drift.
BM-221	4.90	0.02	1.70	Chip sample across width of 4.7 feet of ore exposed in small stope at 17 feet west of Station 30 in the West drift. Approximately 10 feet above drift level.
BM-222	3.25	0.01	1.20	General shovel sample of mixed ore and waste which had caved from stope represented by BM-221. This material is being stockpiled as ore.
BM-223	7.30	0.01	2.95	West drift. Chip sample across 28 inches vein. Approximately 48 feet west of BM-222. There is considerable monzonite porphyry on the hanging wall side of the vein.
BM-224	1.75	0.01	0.45	Ile Tunnel. Taken across 14 inches of material at contact between granodiorite and quartzite.
BM-225	1.95	0.005	0.80	Ore stockpile. General grab sample of ore stockpiled for shipment. Taken across the face of the ore pile.

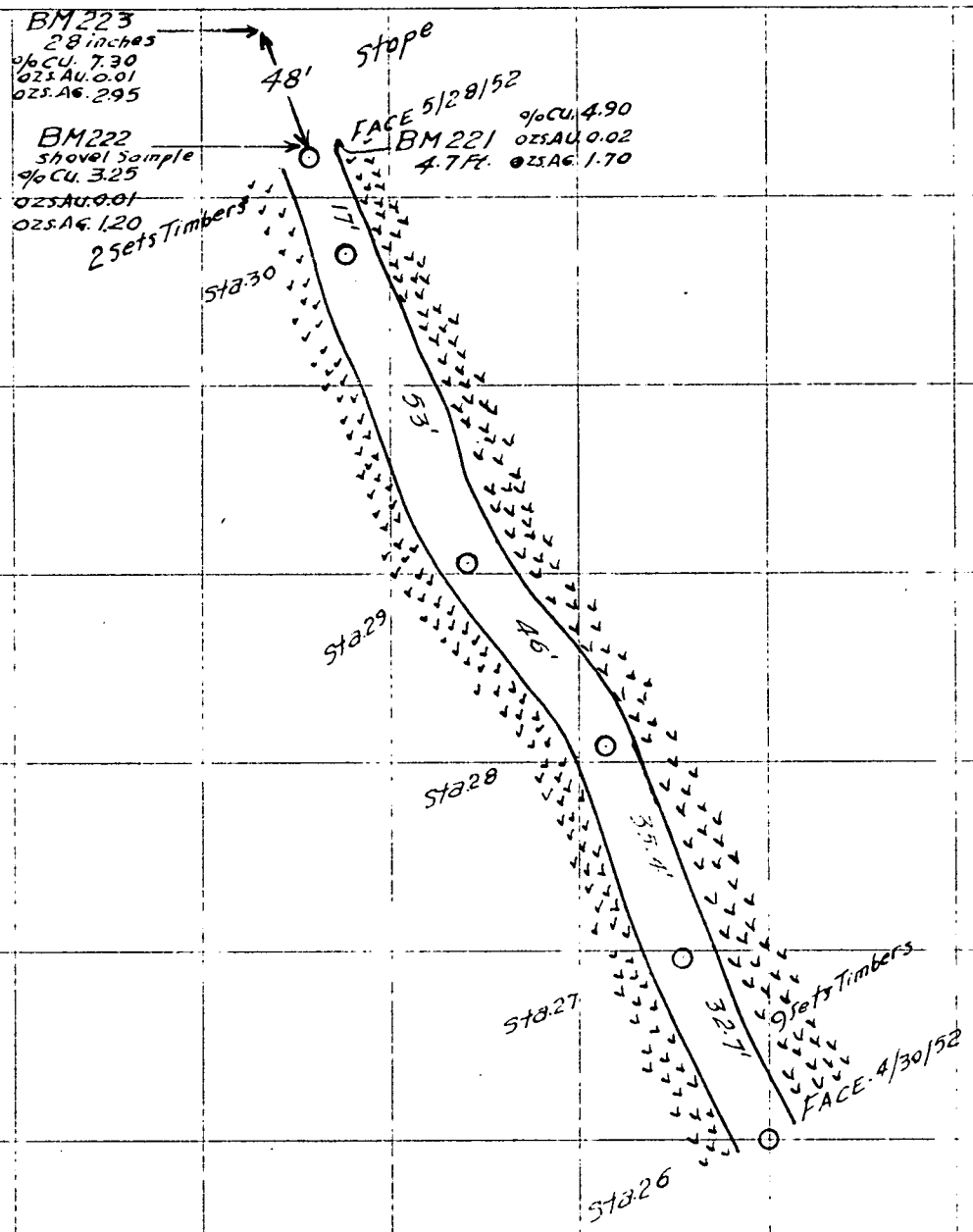


Section-Face-5/28/52
Not to scale



MARSHALL MINING Co.
Contact, Nevada
Contract Idm E-153
Scale 1 inch = 30 Ft.

PLAN
East Drift
Progress: 4/30/52-5/28/52



N
S
E
W

MARSHALL MINING Co.
Contact, Nevada
Contract Idm E-153
Scale 1 inch = 30 Ft.

PLAN
West Drift
Progress: 4/30/52 - 5/28/52

Granodiorite

"ALBANENE" NO. 196M

C O P Y

MARSHALL MINING COMPANY
COPPER MINES
Contact, Nevada June 4, 1952

U.S. Dept of Interior
Defense Minerals Exploration Administration
1012 Flood Bldg.
San Francisco 2, Calif.

Dear Sirs:

Enclosed herewith is our report for the month of May 1952.

During May we advanced our drift along the vein to the East a distance of 54 feet which gives us a total footage to the East of 110 feet, which was in ore all the way. Eighty tons of ore was removed from this heading in May. To the west we rehabilitated a further distance of 195 feet and removed 170 tons of ore, and considerable waste in this work. We installed new rail and pipe over the entire distance to the West. This drift is in ore all the way and contained several stopes to a heighth of 20 to 40 feet and required considerable timbering.

Thus during the month we gained a combined footage of 249 feet along the vein, and removed 224 tons of ore and 260 tons of waste. There now is approximately 400 tons of ore on the dump.

We are handicapped by lack of sufficient compressed air capacity and are planning to add another compressor early in June.

We have applied to Defense Materials procurement agency for a contract providing for a price of 32¢ for our copper production. We have quotations from McGill and Garfield smelters and the high treatment charges they ask make it impossible to operate profitably on the present domestic copper price of 24½¢. We are prepared to finance the added equipment and facilities necessary to go into immediate production, while still carrying on our developement work under our D.M.E.A. contract.

Sincerely yours

MARSHALL MINING CO.

/s/ Maurice M. Marshall

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.
SF-DmCa-27

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 153

Name of Operator Marshall Mining Co
Docket No. DMA 67 X Copper
Total Contract Amount $ 50,421.37
Government Participation: 50 % Amount, $ 25,210.68
Distribution of Expenditures for Month of April, 1952

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

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

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

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

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

CERTIFICATION

RECEIVED MAY 13 1952

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.

Marshall Mining Co
(Name of Company)

By Maurice M Marshall
(Signature of Authorized Official)

May 5, 1952
(Date)

partner
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	283.48	10,571.58	10,855.06			
2 mine cars 141.74 each (Total purchased to date, 8)						
(b) Rented[2]						
(c) Furnished by operator	267.67	1338.35	1,606.02			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings		353.04	353.04			
(c) Installations						

PA[illegible]LL RECORD MARCH 31, TO APRIL 2[illegible] INCLUSIVE.

NAME	REGULAR SHIFTS	OVERTIME SHIFTS	GROSS PAY
Leo Bricker	20	4 1/8	$392.81
Griffith Erikson	20	3 6/8	307.50
Robert Hice	18	2 1/8	254.25
Gene Gabert	20	4	312.00
William Cline	20	1	258.00
Norris Jones	20	3	294.00
Joe Halcrow	10	2	156.00
M. M. Marshall, Supervisor - April Salary			450.00

DISTRIBUTION OF WAGES AND SALARIES

	Number	Man Shifts	Rate	TOTAL
Miners	(2)	43 7/8	$12.00	$561.75
Muckers	(3)	59	12.00	762.00
Trainman	(1)	21	12.00	258.00
Muck machine operator	(1)	24 1/8	15.00	392.81
Supt., Mgr.	(1)		450.00 Per Mo.	450.00
		148		$2,424.56

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	1974.56	6811.88	10,786.44			
5. Supervision	450—	2595.00	3,045.00			
6. Supplies						
(a) Timber		139.40	139.40			
(b) Explosives	131.10	none	131.10			
(c) Repair Parts		45.40	45.40			
(d) Other	705.75	3160.71	3,866.46			
7. Power						
8. Transportation		18—	18—			
9. Insurance						
(a) ~~Fire~~ Social Security	84.56	47.58	132.14			
(b) Public Liability (Truck)		157.99	157.99			
(c) Workmen's Compensation	177.32	1147.48	1324.80			
Nev. Unemploy. Ins. Fed. Quarter	152.21	85.72	237.93			
10. Contract Work						
11. Other (specify)		742.92	742.92			
Total	4226.65	29,215.05	33,441.70			
Deletions						
Adjusted totals						
Totals previously reported	29,215.05					
Totals to date	33,441.70					

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

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

MAY 26 1952

FOR GOVERNMENT USE ONLY

Checked by PH
Entered by
Approved by A. C. Johnson
Amount approved for payment $ 2113.33
Remarks

~~In the amount of $4,223.76 approved.~~

Lloyd L. Norvell
Authorized Certifying Officer

16—04068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	711.75	90 –	260.09		1061.84					
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1712.81	461.15	576.76	414.09	3164.81					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2424.56	551.15	836.85	414.09	4226.65					

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

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

May 5, 1952

Defense Minerals Administration
Bureau of Mines
Flood Building
San Francisco, Calif.

Gentlemen: Attn. - Mr. H. C. Miller, Regional Director

We are enclosing five copies of our report for the month of April, 1952. Our expenditures were above normal for the month due to quarterly payroll taxes, extra supplies and the purchase of our final items of equipment.

During April we completed rehabilitation of the Ilo Tunnel to the vein and installed and timbered a station at that point. At the month end we had advanced the drift along the vein to the East, in new ground, a distance of 56 feet. The vein averaged about 8 feet in width for this distance and produced approximately 130 tons of copper ore during the month. To the west we have completed rehabilitation of the drift, a distance of 180 feet. It was necessary to install new track and to widen and timber the drift in places. Cleaning up this drift produced approximately 45 tons of ore so that at the month end we had stockpiled on the dump about 175 tons of ore.

Our situation and outlook has improved greatly during the past 30 days. Close examination and study of the ore exposed to date would indicate that we have already made accessable a conservative amount of about 20,000 tons of ore. Indications are strong that tonnage and values continue down below our present level. Thus we feel that we are presently in a very good ore zone with an average of 350 feet of backs above us and some wide and well mineralized ore bodies continuing below us.

We estimate that within 30 days we could produce and ship a carload of ore per day while still carrying on our present developement. We have arranged for assaying our ore and will soon have a more definite basis for estimating the mineral values. Using our estimate of 3½% in copper content, we would get back at the mine about $7.00 per ton after freight and smelting charges, at the present price of copper.

This would not be sufficient to pay mining costs and carry on a developement program at the same time. At a price of 34¢ for copper we would receive a net return at the mine of about $11.50 per ton on 3½% copper ore. This would give us a fair working margin. The fact that we could go into immediate production and supply copper now while it is most needed should be justification for a contract at this price.

These are matters on which we respectfully seek the advise and counsel of your department. With your cooperation we have now opened sufficient ore to warrant a mining program and each month should add considerable tonnage to our reserves.

Very truly yours,

Maurice M Marshall

MARSHALL MINING CO.

A. C. Johnson, Chief, Mining Div., Reg. III May 12, 1952

Glenn G. Gentry, Mining Engineer, Bureau of Mines, Reg. III

Marshall Mining Co., Contact, Nevada - Contract Idm-E153

An inspection of the work being performed under the above contract, by the Marshall Mining Company, was made on April 29 and 30, 1952. Mr. G. V. Marshall, superintendent in charge of the work, accompanied the writer during the inspection.

To date, the Ilo adit level has been cleared for a distance of 1,329 linear feet, from the portal to the junction of the East and West drifts. (See attached sketch).

Due to bad ground conditions in various sections of the Ilo level, it was necessary to install 111 sets of timbers which were lagged on top and sides. The timbers used were, for the most part, second hand cross ties purchased from the Union Pacific Railroad Co. at or near Contact, Nev. The size of a typical timbered sections is: width between sides 6 feet 4 inches; height from top of rail to bottom of cap 7 feet. The cross ties are of standard railroad dimensions, are in good condition, and where installed have shown no evidence of crushing or splitting.

At the junction of the Ilo level with the East and West drifts, it was necessary to install four sets of timbers with lagging on top and the east side.

West drift:

Beginning at station 19 (center line of intersection with the Ilo level), the West drift has been cleared for a distance of 167 linear feet. Mine track, and 2-inch black iron pipe for compressed air have been installed. Two sets of timbers have been installed, on 5-foot centers, beginning at a point 162 feet west of station 19.

At 4:00 P.M. on April 30, 1952, the workmen were engaged in cleaning up material which had been previously gobbed in a small stope above the drift. The back of this stope is about 25 feet above the drift. There is considerable loose and blocky granodiorite on the hanging wall side of the drift and further timbering will be required. Considerable copper ores are being removed from the drift and is being stockpiled for possible future shipment to the smelter.

The work of cleaning out the drift will continue westward, toward the shaft. Two men are usually employed in this work with a third man added as required.

East drift:

Beginning at station 19, a new drift hast been advanced for a distance of 55.6 feet (see attached sketch). This drift has been following the vein which has shown widths of from 51 inches to 8 feet with considerable copper mineralization.

Mine track and 2-inch pipe for compressed air have been installed. At the time of the inspection no timbering had been necessary.

Two miners are employed, drilling with a drifter drill from a Column and Bar. Ten to 12 holes are drilled to a depth of 6 feet for a heading round and the drift size averages 7 feet wide by 8 feet high. The average round usually amounts to 14 to 15 cars of broken rock. Mucking is done by means of an EIMCO, Model 12B mucking machine and the loaded cars hauled to the dump by means of an Atlas, battery type locomotive. One man operates the mucking machine and one man operates the muck train and these two machines alternate between the East and West drifts as required. One man is employed on the outside in framing timbers, looking after the air compressor, maintaining the track grade on the dump and also maintaining the drainage ditch in the Ilo level.

General:

A Brunton survey (see attached sketch) was made by the inspecting engineer to establish stations from which to measure future progress and to locate the various tunnel sections in which mine timbers had been installed.

The copper ore removed from the East and West drifts and stockpiled for possible future shipment to the smelter, is estimated at from 150 to 175 tons, and is estimated by Mr. G. V. Marshall to contain 3½% copper.

The recovery of this copper ore should be considered to be as a result of the exploration contract and the Government should therefore participate in any moneys accruing from the sale of such ores.

The mechanical equipment used for the exploration project appears to be in good condition and reflects good care by the management. The compressor building and the shop building are clean and neat and all small hand tools are kept in an orderly manner. Extra supplies of pipe and rail are stacked outside the portal of the Ilo level, are kept in a neat manner and are readily accessible.

The men employed work from 8:00 A.M. to 5:00 P.M. on a basis of six days per week and all reside in the immediate vicinity of the mine.

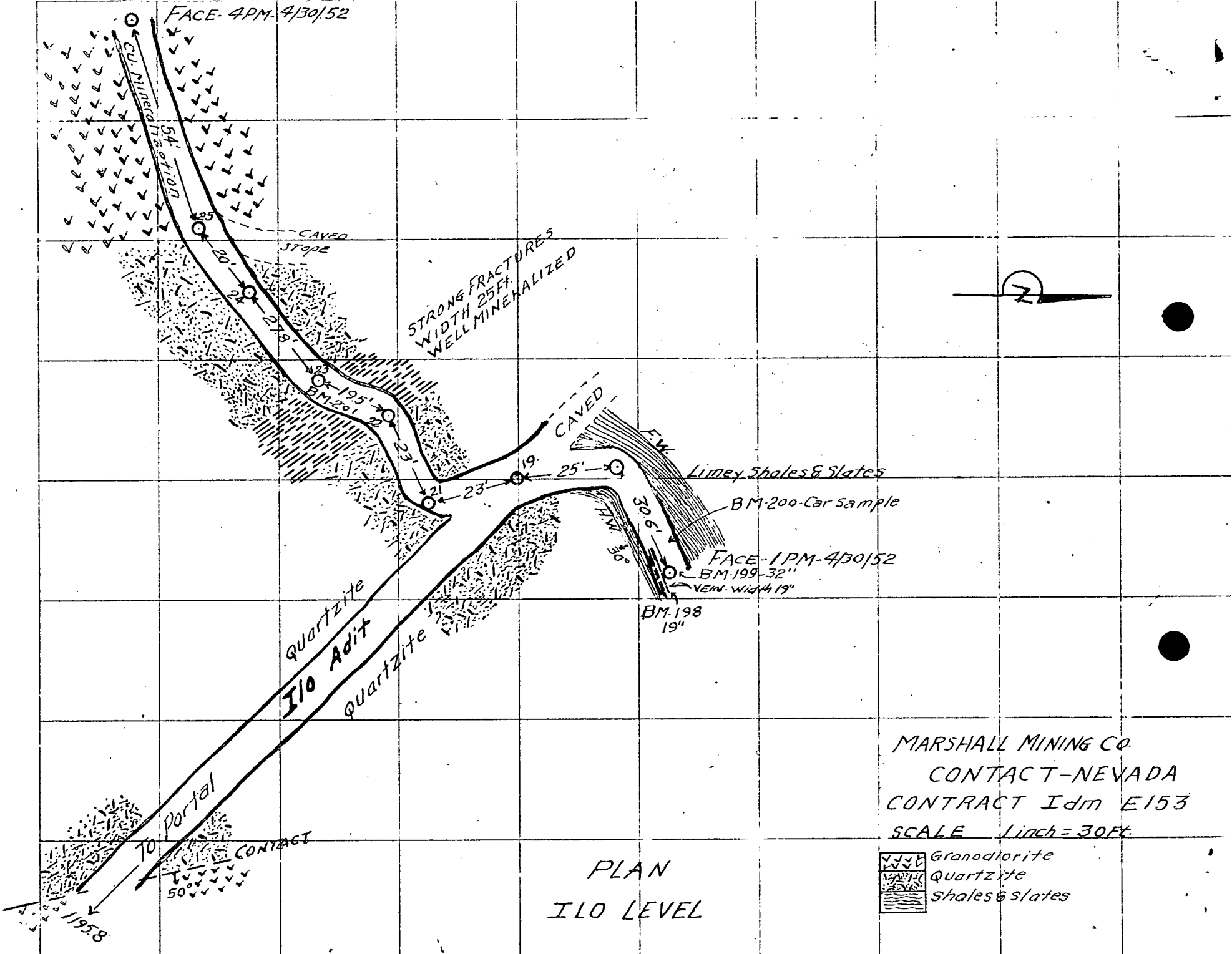
The work performed under the exploration contract has been done in a satisfactory manner under the general supervision of the Marshall brothers and Leo Bricker, mine foreman.

Sampling: April 30, 1952

Sample No.	% Cu	Ounces Au	Ounces Ag	Description
BM-198	2.40	0.005	0.10	Face of East drift at 1:00 P.M. Across 19 inches of copper ore on hanging wall side of vein.
BM-199	0.47	Trace	Trace	Face of East drift. Beginning at end of BM-198. Across 32 inches of broken, limey slates and shales on footwall side of vein. Shows some copper mineralization.
BM-200	0.65	Trace	Trace	Grab sample from 15 cars of broken rock, from heading round in East drift, blasted on 4/29/52.
BM-201	2.88	0.02	0.90	Chip sample across width of 17 feet. Highly fractured zone between stations 21 and 22 in West drift.

Glenn G. Gentry

Glenn G. Gentry


FACE- 4PM-4/30/52
Cu. Mineralization
54'
CAVED
STOPE
STRONG FRACTURES
WIDTH 25Ft.
WELL MINERALIZED
BM-201
19.5'
CAVED
F.W.
Limey Shales & Slates
BM-200-Car Sample
30.6'
H.W.
30°
FACE-1PM-4/30/52
BM-199-32"
VEIN-Width 19"
BM-198
19"
Quartzite
Ilo Adit
Quartzite
To Portal
CONTACT
50°
1195.8
MARSHALL MINING CO.
CONTACT-NEVADA
CONTRACT Idm E153
SCALE 1 inch = 30 Ft.
Granodiorite
Quartzite
Shales & slates
PLAN
ILO LEVEL

SF-DMG9-25

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

E 153

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

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

CERTIFICATION

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

Marshall Mining Co
(Name of Company)

By Maurice M Marshall
(Signature of Authorized Official)

april 7, 1952
(Date)

partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator: Marshall Mining Co
Project No. DMA: 67 X Copper
Total contract amount: 50,421.37
Government participation percent: 50

Distribution of Expenditures for Month of March 1952

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	2158.75	9,248.13	11,406.88			
Equipment purchase [1]	128.–	10,443.58	10,571.58			
Equipment rental [2]	267.67	1,070.68	1,338.35			
Buildings		353.04	353.04			
Explosives						
Repair parts		45.40	45.40			
Other supplies	827.58	2472.53	3300.11			
Power						
Transportation		18.–	18.–			
Withholding taxes	–					
Compensation insurance *	332.85	814.63	1147.48			
Other insurance		291.29	291.29			
Contract work						
Other (specify) New License on Truck	42.29	700.63	742.92			
Total	3,757.14	25,457.91	29,215.05			
Totals previously reported	25,457.91					
Totals to date	29,215.05					

* Advance Deposit increased to 450% by request Nevada Industrial Commission

MAY 2 1952

FOR GOVERNMENT USE ONLY

Checked by: fh
Entered by:
Approved by: A. C. Johnson
Amount approved for payment: $ 1878.57
Remarks:

Lloyd L. Norvell
Authorized Certifying Officer

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF March 1952

Name of operator Marshall Mining Co
Project No. DMA 67 X Copper
Total contract amount 50,421.37
Government participation percent 50

Type	Number	Man-Shifts	Rate	Total
Miners	2	45½	$ 11.-	$ 530.75
Muckers	2	46	11.-	544.50
Trammers	1	23	11.-	269.50
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	31 March Salary		450.- per mo.	450.-
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other muck machine operator & miner	1	24	14.-	364.-
Total	7	138½		2158.75

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

miners
G. Erickson 20 Reg. 2 O.T. Shifts
Robt Hice 20 Reg 3½ O.T. Shifts
muckers
Harris Jones 19 Reg. 3. O.T. Shifts
Geo Gabert 20 Reg. 4 O.T. Shifts
Trammer
Wm Cline 20 Reg. 3 O.T. Shifts
muck machine operator
Leo Bricker 20 Reg. 4 O.T. Shifts

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by A. E. Johnson
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF March 1952

Name of operator Marshall Mining Co
Project No. DMA 67 X Copper
Total contract amount 50,421.37
Government participation, percent 50

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	2158.75	395.67	827.58	375.14	3757.14					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2158.75	395.67	827.58	375.14	3757.14					

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by R. C. Johnson
Remarks

C O P Y

MARSHALL MINING CO.
Copper Mines
Contact, Elko County, Nevada

April 8, 1952

U. S. Dept. of Interior
Defense Minerals Administration
870 Market St., San Francisco

Dear Sirs:

Herewith are five copies of our progress report for March 1952. We are pleased to report a much improved situation at the mine. At month end we broke thru the last large cave in between us and the vein. This was 120 feet short of the vein. There remains about ten days of work to complete rehabilitation of the Ilo Tunnel to the vein and we anticipate starting our drift to the east on the vein by April 15th.

At the point of Ilo Tunnel intersection the vein is 8 feet wide and appears to contain copper ore of present shipping grade for most of the width.

To the west we are able to explore the drift for a distance of 325 feet by climbing over three caved spots. At this point the drift is blocked by a cave in, along the west drift the vein varies from about 18 inches to 8 to 10 feet in width and appears to contain ore of commercial value along approximately one half of the distance. There are 3 stopes from which some ore has been removed.

We have installed a switch, chute and track to provide a place to stockpile any ore removed. While pushing the East drift we will carry on the work of rehabilitation to the west, so as to proceed as fast as possible with Stage II of our project.

Very truly yours

Marshall Mining Co.
/s/ Maurice M. Marshall

A. C. Johnson, Chief, Mining Division April 3, 1952

W. T. Benson, Mining Engineer, Bureau of Mines, Reg. III

Marshall Mining Co. - Contract Idm-E153

Accompanied by Mr. A. C. Johnson, Chief, Mining Div., Region III, the property of the Marshall Mining Co., was visited on March 27, 1952 for the purpose of inspecting rehabilitation work which is presently being conducted under the above contract.

Work during the period has been confined to timbering and rehabilitating caved sections in the Ilo tunnel. At the time of visit, this work has progressed to a point about 1,200 feet in from the portal. This part of the tunnel is all in granite. In the vicinity of the present work, copper-bearing slips have been disclosed which probably conform to the quartzite contact, which is about 30 feet ahead of the present face.

Once the granite section is passed, it is possible clean-up work will progress more rapidly, since the quartzite is hard and firm, and caved sections are not expected.

Because of the extent of the caves, forward progress has been slow during the past two months, but it is expected more rapid progress will be made once the quartzite area is reached.

Once the principal vein is encountered, the mining and shipment of ore will be started. Stoping operations will be carried on in conjunction with the exploratory program outlined in the contract.

W. T. Benson.

W. T. Benson

March 8, 1952

Defense Minerals Administration
Mr. Miller, Regional Director
Flood Building, San Francisco

Dear Sirs;

Enclosed are five copies of our Progress report for the month of February 1952.

During February we advanced the rehabilitation work adistance of sixty feet at the heading in the Ilo Tunnel. This was thru difficult ground which required spiling, short square sets, andheavy lagging for th e entire distance.

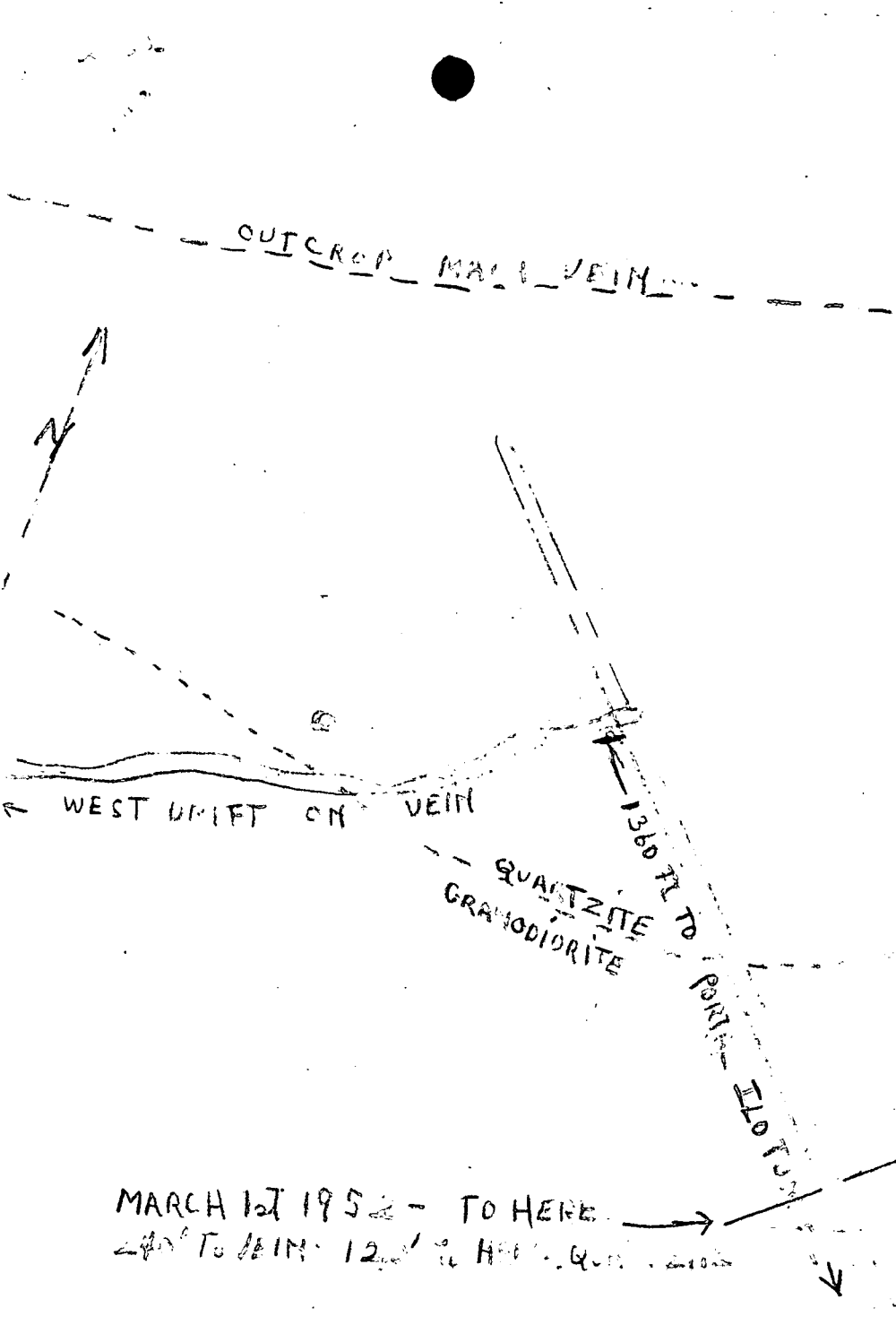
The attached map shows our position as of March 1st 1952. wewere 240 feet short of the vein and 120 feet remained between us and the hard quartzite formation where we expect the ground to be standing firm.

At month end our crew had gained in experience with handling the loose running, decomposed granite formation thru which we are going, with the result that we were averaging better than one three foot square set per day

The severe weather was some handicap for outside work and full efficiency but we lost no time from our six days per week work schedule

Very Truly Yours,

Marshall Mining Co.


OUTCROP MAIN VEIN
N
WEST DRIFT ON VEIN
QUARTZITE
GRANODIORITE
1360 FT TO
PORT
MARCH 1st 195
TO HERE

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

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

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

CERTIFICATION ACCOUNTS MAR 28 1952

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.

Marshall Mining Co
(Name of Company)

By Maurice M Marshall
(Signature of Authorized Official)

March 8, 1952
(Date)

partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator: Marshall Mining Co
Project No. DMA: 50,421.37
Total contract amount: 64X Copper
Government participation percent: 50

Distribution of Expenditures for Month of February 1952

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	2048.12	7200.01	9248.13			
Equipment purchase [1]		10443.58	10443.58			
Equipment rental [2]	267.67	803.01	1070.68			
Buildings		353.04	353.04			
Explosives						
Repair parts		45.40	45.40			
Other supplies	328.27	2,144.26	2,472.53			
Power						
Transportation		18.—	18.—			
Withholding taxes						
Compensation insurance	231.10	583.53	814.63			
Other insurance	133.30	157.99	291.29			
Contract work						
Other (specify)		700.63	700.63			
Total	3008.46	22,449.45	25,457.91 m.m.m.			
Totals previously reported	$ 22,449.45					
Totals to date	$ 25,457.91					

APR 8 1952

FOR GOVERNMENT USE ONLY

Checked by: PL
Entered by:
Approved by: [signature] 23
Amount approved for payment: $ 1504
Remarks:

Lloyd L. Norvell
Authorized Certifying Officer

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF February 1952

Name of operator: Marshall Mining Co
Project No. DMA: 67 X Copper
Total contract amount: 50,421.37
Government participation percent: 50

Type	Number	Man-Shifts	Rate	Total
Miners	2	45	$ 11 -	$ 522.50
Muckers	2	37	11 -	429. -
Trammers	1	23	11 -	269.50
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1 Salary month of Feb.		450.00 per mo	450.00
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other: muck machine operator, miner	1	24 5/8	14	377.12
Total	6	129. 5/8		2,048.12

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

Miners
G. Erickson 20 Reg 3 O.T. Shifts
Robt Hice 20 Reg. 2 O.T. Shifts
muckers
Norris Jones 20 Reg 2 O.T. Shifts
Gene Gabert 13 Reg. 2 O.T. Shifts
Trammer
Wm Cline 20 Reg 3 O.T. Shifts
muckmachine operator
Leo R. Bricker 20 Reg 4 5/8 O.T. Shifts

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF February 1952

Name of operator Marshall Mining Co
Project No. DMA 67X Copper
Total contract amount 50,421.37
Government participation, percent 50

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	2048.12	267.67	328.27	364.40	3008.46					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2048.12	267.67	328.27	364.40	3008.46					

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by George H. Stahnecker Jr.
Remarks

E-153

MF-104
(April 1950)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

Area 67
Idm-E 153

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

MAR 1 1952

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

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

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

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

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

CERTIFICATION

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

Marshall Mining Co
(Name of Company)

By Maurice M Marshall
(Signature of Authorized Official)

Feb 25 1952
(Date)

partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator: Marshall Mining Co
Project No. DMA: 67 X Copper
Total contract amount: 50,421.37
Government participation percent: 50

Distribution of Expenditures for Month of January 1952

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries *1	2780.38	4419.63	7200.01			
Equipment purchase [1]		10443.58	10443.58			
Equipment rental [2]	267.67	535.34	803.01			
Buildings		353.04	353.04			
Explosives						
Repair parts		4540	4540			
Other supplies	574.07	1570.19	2,144.26			
Power						
Transportation		18 —	18 —			
Withholding taxes *2 (minus 333.50)		333.50 -	deducted			
Compensation insurance	163.19	420.34	583.53			
Other insurance		157.99	157.99			
Contract work						
Other (specify)		700.63	700.63			
Total minus adjustment	3785.31 / 333.50					
Total	3451.81	18,997.64	22,449.45			
Totals previously reported	18,997.64					
Totals to date	22,449.45					

FOR GOVERNMENT USE ONLY

Checked by: fh
Entered by:
Approved by: A. C. Johnson
Amount approved for payment: $ 1725.90
Remarks:

*1 – Gross pay earned including employees withholding tax and social security.

*2 adjustment of withholding tax previously reported

MAR 11 1952

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

Lloyd L. Norvell
Authorized Certifying Officer

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF January 1952

Name of operator Marshall Mining Co
Project No. DMA 67 X Copper
Total contract amount 50,421.37
Government participation percent 50

As our payroll periods end on Saturday and cover the 2 previous weeks, this report covers 3 payroll periods i.e. - Dec 25, 1951 to Feb 2, 1952 inclusive.

Type	Number	Man-Shifts	Rate	Total
Miners	3	66 5/8	$ 11.-	$ 771.38
Muckers	2	64	11.-	742.50
Trammers	1	25	11.-	291.50
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1 January Salary		450.00 per mo	450.00
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other much machine operator & miner	1	35	14.-	525.00
Total	8	190 5/8		2,780.38

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

Miners
1 - 20 Rg and 3 O.T. Shifts
1 - 20 Rg " 1 O.T. Shift
1 - 19 5/8 Rg " 3 O.T. Shifts

Muckers
1 - 29 Rg " 3 O.T. Shifts
1 - 28 Rg " 4 O.T. Shifts

Trammer
1 - 22 Rg " 3 O.T. Shifts

muck machine operator
1 - 30 Rg. " 5 O.T. Shifts

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by A. C. Johnson
Remarks

10—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF January 1952

Name of operator: Marshall Mining Co
Project No. DMA: 67X Copper
Total contract amount: 50,421.37
Government participation, percent: 50

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	2780.38	267.67	574.07	163.18	3785.31					
Geology and geophysics			less adjustment		333.50					
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2780.38	267.67	574.07	163.18	3451.81					

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by A. C. Johnson
Remarks

Defense Minerals Administration
Mr Miller, Regional Director
Flood Building, San Francisco

February 15, 1952

Gentlemen;

Enclosed is our Progress Report for the month of ~~xx~~ January 1952.

Our December report showed us working at a point 1010' in from the portal of the Ilo Tunnel, and in badly caved ground. At the end of January we had reached a point 1060' in from the portal, and were still incaved ground. The use of spiling and the necessity of heavy timbering accounted largely for the slow going. In addition to the work at the face, much cleanup work was finished short of the face. this included timbering some area where it appeared necessary, track work and wat r drainage work. Atmonth end we were moving at the rate of one 4' set per day and conditions somewhat improving. wehope to report faster progress during the coming months.

Very sincerely yours,
Marshall Mining Co

By

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DMA-67X

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

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

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

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

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

CERTIFICATION ACCOUNTS FEB 1 1952

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.

Marshall Mining Co
(Name of Company)

By Maurice W Marshall
(Signature of Authorized Official)

January 5, 1952
(Date)

partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator Marshall Mining Co.
Project No. DMA 67x Copper
Total contract amount 950,421.37
Government participation percent 50

Distribution of Expenditures for Month of December, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	2,138.50	2,281.13	4,419.63			
Equipment purchase [1]	917.60	9,525.98	10,443.58			
Equipment rental [2]	267.67	267.67	535.34			
Buildings	—	353.04	353.04			
Explosives						
Repair parts	45.40	none	45.40			
Other supplies	835.74	734.45	1,570.19			
Power						
Transportation	—	18.00	18.00			
Withholding taxes	181.60	151.90	333.50			
Compensation insurance Nov.	122.84	297.50	420.34			
Other insurance	157.99	—	157.99			
Contract work						
Other (specify)	—	700.63	700.63			
Total	4,667.34	14,330.30	18,997.64			
Totals previously reported	14,330.30					
Totals to date	18,997.64					

FOR GOVERNMENT USE ONLY

Checked by PL
Entered by
Approved by A. C. Johnson
Amount approved for payment 2,333.67
Remarks

FEB 4 1952

Lloyd L. Norvell
Authorized Certifying Officer

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

A. C. Johnson, Chief, Mining Div., Reg. III Jan. 28, 1952

W. T. Benson, Mining Engineer, Reg. III

Inspection Marshall Mining Co. - Contract Idm-E155 Contact, Nev.

The property of the Marshall Mining Co., Contact, Nev., was visited January 23, 1952, for the purpose of inspection.

The compressor and storehouses removed from the shaft location to the portal of the Ilo tunnel have been reconditioned and are now in use for storage of supplies and as covering for plant equipment.

Clearing caved sections in the Ilo tunnel has progressed to a point 1,030 feet in from the portal. About 190 feet remains to be cleaned before reaching the main vein. This work has progressed slower than anticipated because of the blocky nature of the caved sections, and as a result, the work is about ten days behind schedule.

As explained by Mr. Marshall, difficulty is being experienced in holding men under the present rate per day presently being paid miners and muckers. The wage being paid is considerably less than the average being paid in eastern Nevada. It would appear that in order to get and hold experienced help, an increase will be necessary, but such authority will have to be decided by the Executive Team of Region III. Undoubtedly, a formal request will be made to the Regional Office by the Marshall Mining Co.

New equipment purchased includes six mine cars, a Chevrolet truck, B-12 Imco loader (used), 1½-ton Atlas motor No. 1802277, with Exide Ironclad storage battery, gas-driven battery charger, rail and pipe. Unit costs of these items were not available at the mine but will be supplied this office at a later date. These items include the major items to be purchased. About all that will be necessary to complete the project, will be replacement parts and other small supplies which are necessary for a mining operation.

W. T. Benson

W. T. Benson

January 5, 1952

Defense Minerals Administration
Office of Executive Officer - Region III
San Francisco, California

Gentlemen:

Enclosed herewith is our Progress Report for the month of December, 1951.

During December we reopened the Ilo tunnel for a distance of 1010 feet in from the portal. There remained about 8 days of work to complete all rehabilitation to this point. At this point the tunnel is again filled by a cave-in.

During December we timbered about 75 feet of the tunnel and removed approximately 325 tons of waste. We went thru some badly caved ground and it was necessary to put in short sets, double lag and work with spiling in about half of the 75 feet we timbered. We are practically thru all the ground previously timbered and reported as heavy and in consequence we expect much faster progress from now on. We are approximately 250 feet from the vein at which point we will turn easterly in new ground along the vein to start a part of stage No. II of our project.

All major items of equipment were on hand and in operation during December and all mechanical equipment was in good conditon and working smoothly.

We have a good crew of 6 men which is our full quota as provided in our DMA agreement.

We are well supplied for the weeks ahead with fuel and other necessary items so that the winter weather will not effect our efficiency.

Very truly yours,

DESERT MINE COMPANY

Per: W M Marshall

Attach.

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF December, 1951

Name of operator Marshall Mining Co
Project No. DMA 67 X Copper
Total contract amount 50,421.37
Government participation percent 50

Type	Number	Man-Shifts	Rate	Total
Miners	2	48	$ 11.00	$ 572.00
Muckers	2	34	11.00	396.00
~~Trammers~~ Mucker	1	2	10.00	20.00
Timbermen — Trammer Operator	1	13	11.00	159.50
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters	1	12	12.00	156.00
Drill runners				
Drill helpers				
Teamsters				
Manager } Superintendent }	1 FULL MONTH		450.00 Per Mo.	450.00
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other Muck. Mch. Operator & Miner	1	25	14.00	385.00
Total		134		2,138.50

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

Miners
2 - 20 Reg. Shifts each and 4 - O.T. Shifts each } 48 Shifts

Muckers
1 - 20 Reg. Shifts and 2 - O.T. Shifts
1 - 10 Reg. Shifts and 2 - O.T. Shifts
1 - 2 Reg. Shifts

Carpenter
1 - 10 Reg. Shifts and 2 - O.T. Shifts

Trammer -
1 - 10 Reg. Shifts and 3 - O.T. Shifts

Muck Mch. Operator -
1 - 25 Reg. Shifts and 5 - O.T. Shifts

16—64068-1

FOR GOVERNMENT USE ONLY

Checked by fh
Entered by
Approved by A. C. Johnson
Remarks

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF December, 1951

Name of operator Marshall Mining Co.
Project No. DMA 67X Caspew
Total contract amount $50,421.37
Government participation, percent 50

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	2,138.50	917.60	835.74	775.50						
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2,138.50	917.60	835.74	775.50						

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by fh
Entered by
Approved by A. C. Johnson
Remarks

SF-Dmr-17

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DMA-67X

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

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

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

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

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

ACCOUNTS DEC 20 1951

CERTIFICATION

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

Marshall Mining Co
(Name of Company)

By Maurice M. Marshall
(Signature of Authorized Official)

December 14, 1951
(Date)

partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator: Marshall Mining Co
Project No. DMA: 67 X Copper
Total contract amount: 50,421.37
Government participation percent: 50

Distribution of Expenditures for Month of November 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	1731.63	549.50	2281.13			
Equipment purchase [1]	6650.78	2875.20	9525.98			
Equipment rental [2]	267.67	none	267.67			
Buildings	353.04	"	353.04			
Explosives						
Repair parts						
Other supplies	1872.24	5472.21	7344.45			
Power						
Transportation		18.–	18.–			
Withholding taxes	130.90	21.–	151.90			
Compensation insurance Oct.	22.50	275.–	297.50			
Other insurance						
Contract work						
Other (specify) Mine rail and Black Pipe	700.63	–	700.63			
Total	10,044.39	4,285.91	14,330.30			
Totals previously reported	4,285.91					
Totals to date	14,330.30					

JAN 4 1952

FOR GOVERNMENT USE ONLY

Checked by: fh
Entered by:
Approved by: A. C. Johnson
Amount approved for payment: $5022.20
Remarks:

Lloyd L. Norvell
Authorized Certifying Officer

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF November 1951

Name of operator: Marshall Mining Co
Project No. DMA: 67 X Copper
Total contract amount: $50,421.37
Government participation percent: 50

TYPE	NUMBER	MAN-SHIFTS	RATE	TOTAL
Miners See below	2	43	$ 11.00	$ 500.50
Muckers No 1	1	5 Reg. + 1 O.T.	11.00	71.50
~~Tramners~~ muckers No 2	1	7	10.00	70.00
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters See below	1	20 7/8	12.-	267.75
Drill runners				
Drill helpers				
Teamsters				
Manager } Superintendent }	1	full month	450.00 per mo	450.00
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other muck machine operator See below	1	24 3/8	14.-	371.88
TOTAL	7	101 1/4		1,731.63

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

FOR GOVERNMENT USE ONLY

Checked by: PL
Entered by:
Approved by: A. C. Johnson
Remarks:

Miners
1 - 18 Reg Shifts + 1 3/4 O.T. Shifts
1 - 20 " " + 3 1/4 " "
Total 38 " " 5 " "

Carpenter
1 - 18 Reg Shifts + 2 7/8 O.T. Shifts

muck machine operator
1 - 20 Reg. Shifts + 4 3/8 O.T. Shifts

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF November 1951

Name of operator Marshall Mining Co
Project No. DMA 67X Copper
Total contract amount 50,421.37
Government participation, percent 50

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1731.63	6,650.78	1,240.91	421.07	10,044.39					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	1731.63	6,650.78	1240.91	421.07	10,044.39					

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by FW
Entered by
Approved by A. C. Johnson
Remarks

December 5, 1951

Defense Minerals Administration
Office of Executive Officer - Region III
San Francisco, California

Gentlemen:

Enclosed herewith is our Progress Report for the month of November, 1951.

During November work on all buildings was virtually completed. We have a 15' x 30' building housing compressor and Atlas locomotive, cement floor and wood and coal stove; a lean-to adjacent to this building 20' x 20', closed on two sides; a blacksmith shop 15' x 15' with forge, bench, etc.

At month end the rehabilitation of the Ilo Tunnel, provided for in Stage 1 of our project, was making good progress. All timbering at the portal and 14 sets inside the portal was completed. The tunnel was cleaned up for a distance of 700 feet in from the portal and the caved area at that point partly cleared and ready for timbering. The mucking machine was in operation and the other locomotive on the property and expected to be in operation in a few days.

Equipment purchased during the month consisted of a new one ton Chevrolet truck, Atlas locomotive, five mine cars, and battery charger. This completed most of the equipment to be purchased and prices paid were within our budget. We purchased more rail and pipe and incidental supplies.

During the coming month our efforts will be concentrated on the rehabilitation of the Ilo Tunnel.

At month end five men, in addition to foreman, were working and some additional help presently available when and if needed.

We do not anticipate any delays due to weather from now on and with all equipment in operation work should continue to progress as scheduled.

Very truly yours,

[illegible] MINING COMPANY

By: Maurice W. Marshall

Attach.

SF-Dma-10

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DMA-67X

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

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

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

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

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

CERTIFICATION

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

Marshall Mining Co
(Name of Company)

By Maurice M Marshall
(Signature of Authorized Official)

Nov. 21-1951
(Date)

Partner
(Title)

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

RECEIVED NOV 27 1950

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator Marshall Mining Co
Project No. DMA 67 X Copper
Total contract amount 50,421.37
Government participation percent 50

Distribution of Expenditures for Month of October, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	549.50	none	549.50			
Equipment purchase [1]	2,875.20	"	2875.20			
Equipment rental [2]						
Buildings						
Explosives						
Repair parts						
Other supplies	547.21	"	547.21			
Power						
Transportation	18.00	"	18.00			
Withholding taxes	21.00	"	21.00			
Compensation insurance Deposit	275.00	"	275.00			
Other insurance						
Contract work						
Other (specify)						
Total	4,285.91		4,285.91			
Totals previously reported	none		none			
Totals to date	4,285.91		4,285.91			

FOR GOVERNMENT USE ONLY

Checked by PL
Entered by
Approved by George H. Williams Jr.
Amount approved for payment $ 2142.96
Remarks

DEC 3 195

Lloyd L. Norvell
Authorized Certifying Officer

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF October 1951

Name of operator Marshall Mining Co
Project No. DMA 67 X Copper J
Total contract amount $50,421.37
Government participation percent 50

Type	Number	Man-Shifts	Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen	1	6½	11.–	71.50
Pumpmen				
Hoistmen				
Surface mon Bldgs, set up equipment	1	9½	14.–	133.–
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent 3	1	23	450 per mo.	345.–
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
Total		39		549.50

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by fh
Entered by
Approved by
Remarks

Lyle F. Norvell
Authorized Certifying Officer

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF October, 1951

Name of operator Marshall Mining Co
Project No. DMA 67 X Copper
Total contract amount $50,421.37
Government participation, percent 50

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	549.50	2,875.20	547.21	314.-	4,285.91					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	549.50	2,875.20	547.21	314.-	4285.91					

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

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

DEC 3 1951

FOR GOVERNMENT USE ONLY

Checked by fhj
Entered by
Approved by George H. Hedrick Jr.
Remarks

Lloyd L. Norvell
Authorized Certifying Officer

COPY

A. C. Johnson, Chief, Mining Div., Region III Nov. 13, 1951

W. T. Benson, Mining Engineer, Mining Div., Region III

Inspection Marshall Mining Co., Contract Idm-E153

For the purpose of inspection, the property of the Marshall Mining Co. was visited during the period Nov. 7 and 8, 1951.

Since the start of the project, work has been confined to leveling the yard at the portal of the tunnel level and to the removal of the mine building at the shaft level.

Leveling at the tunnel level has resulted in cutting the bank back about 30 feet which removed about 6 sets of the tunnel. The new portal is now more favorably situated in hard firm granite. In addition the yard has been considerably enlarged and leveled.

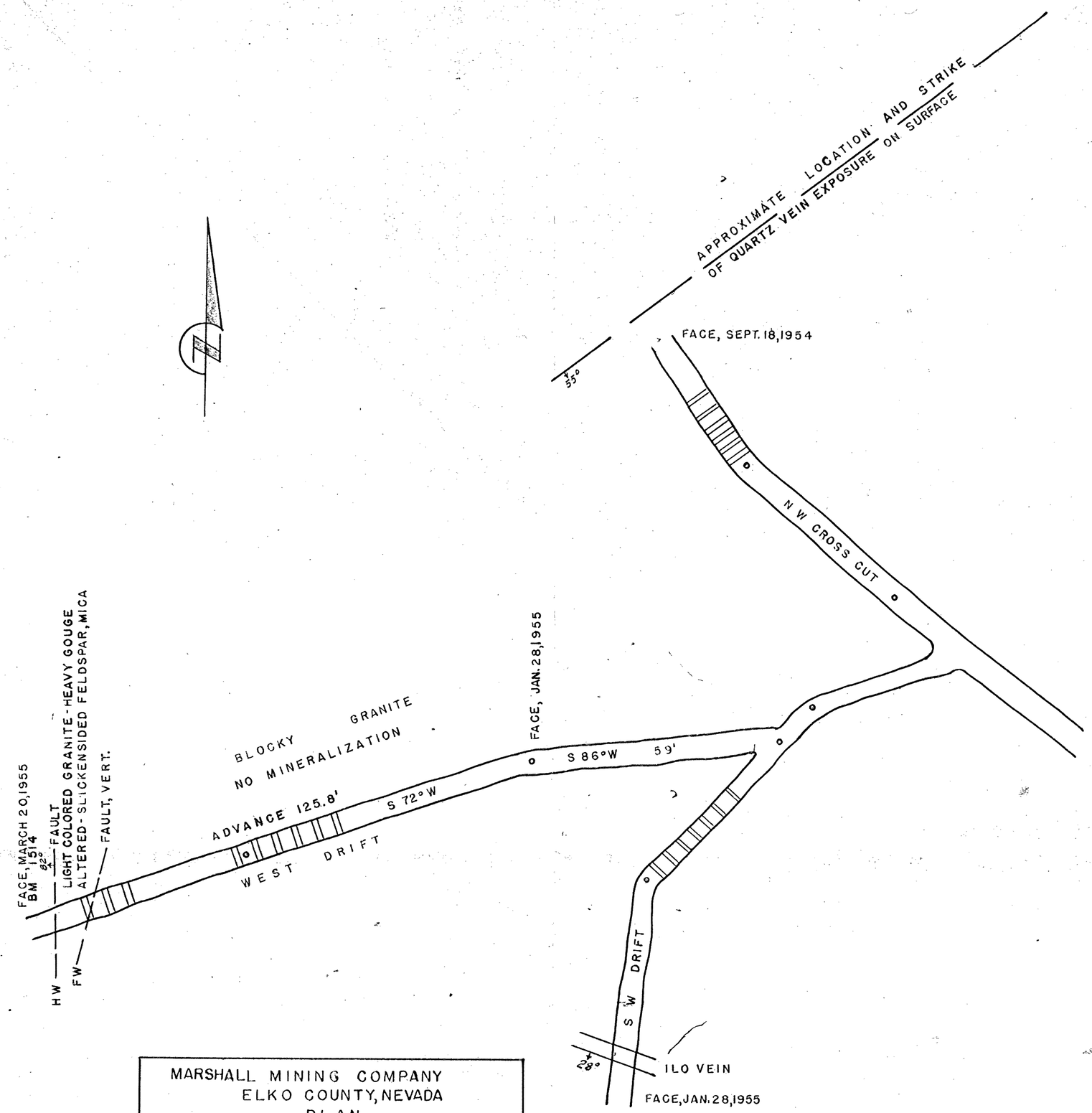
The compressor and store house has been moved from the shaft elevation and erected at the tunnel level portal. At the time of visit the blacksmith shop was on skids ready to be loaded on the truck. This building will be placed along side the compresor room at the tunnel level.

The buildings are sufficiently large to supply present coverage for equipment and supplies.

The removal and erection of these buildings should be completed within the week. Work then will be started rehabilitating the tunnel, which for the first 900 feet will require some cleaning along the track.

At the 900 foot point, the tunnel is blocked by a cave which according to the foreman, extends for a distance of about 60 feet. This cave has resulted in the timber rotting out and some sloughing from the sides and back. It should not be too difficult to repair this section and once work is started, clearing and retimbering should proceed rapidly.

/s/ W. T. Benson
W. T. Benson

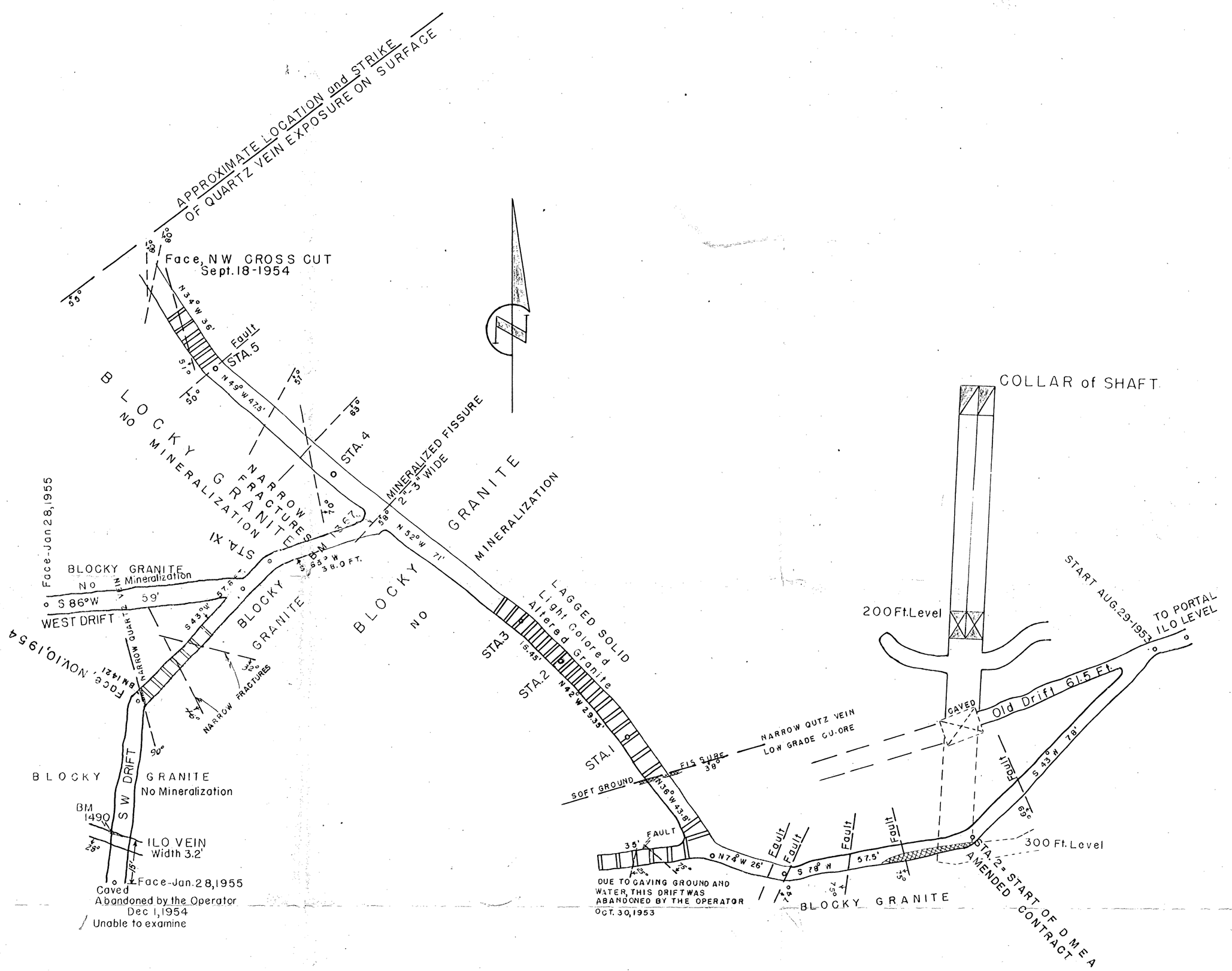


MARSHALL MINING COMPANY
ELKO COUNTY, NEVADA
PLAN

WEST DRIFT

CONTRACT No. IDM-E153, AMENDED

SCALE: 1" = 20' BRUNTON SURVEY



MARSHALL MINING COMPANY
ELKO COUNTY, NEVADA

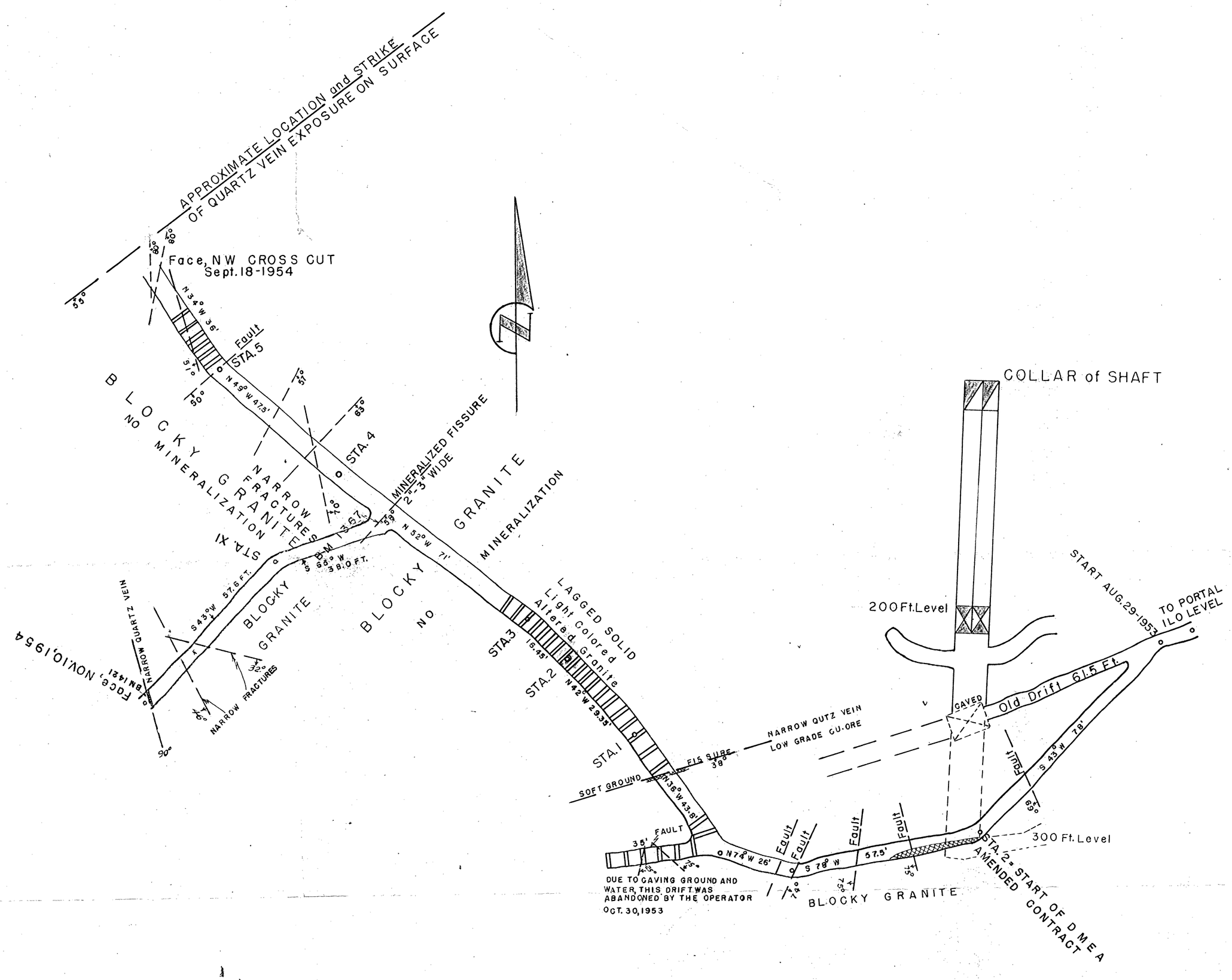
PLAN

SOUTH WEST DRIFT AND NORTH WEST CROSS CUT

CONTRACT No. IDM-E 153, AMENDED

BRUNTON SURVEY

Scale: 1" = 20'



MARSHALL MINING COMPANY
ELKO COUNTY, NEVADA

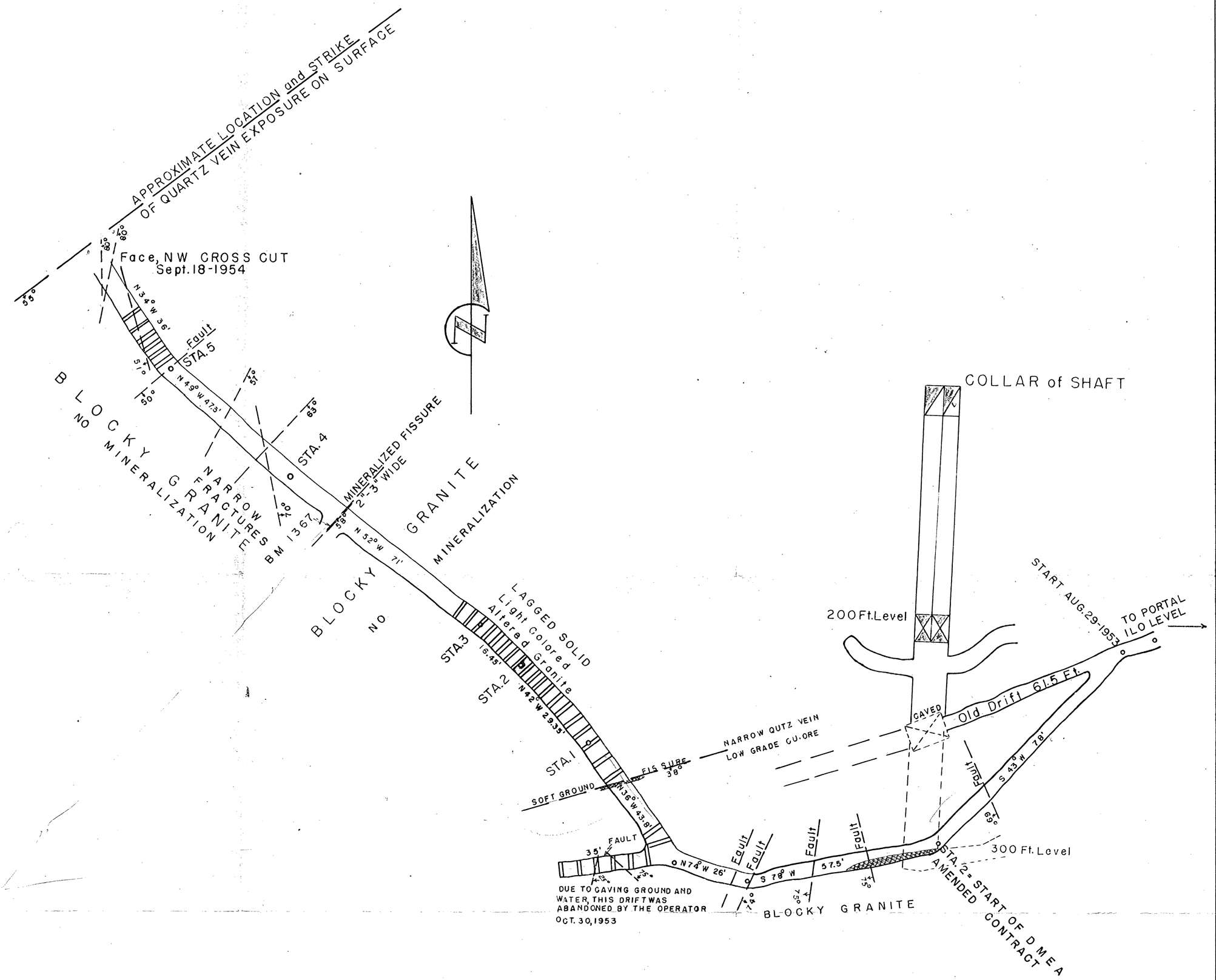
PLAN

SOUTH WEST DRIFT AND NORTH WEST CROSS CUT

CONTRACT No. IDM-E 153, AMENDED

BRUNTON SURVEY

Scale: 1" = 20'



MARSHALL MINING COMPANY
ELKO COUNTY, NEVADA

PLAN

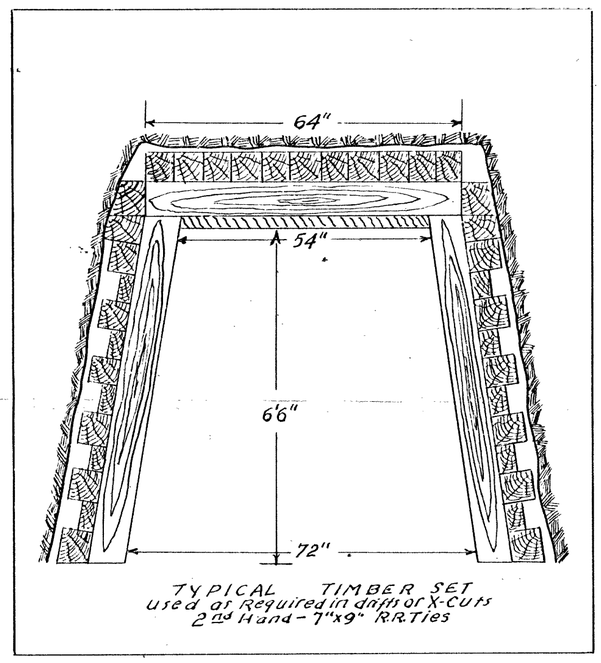
SOUTH WEST DRIFT AND NORTH WEST CROSS CUT

CONTRACT No. IDM-E 153, AMENDED

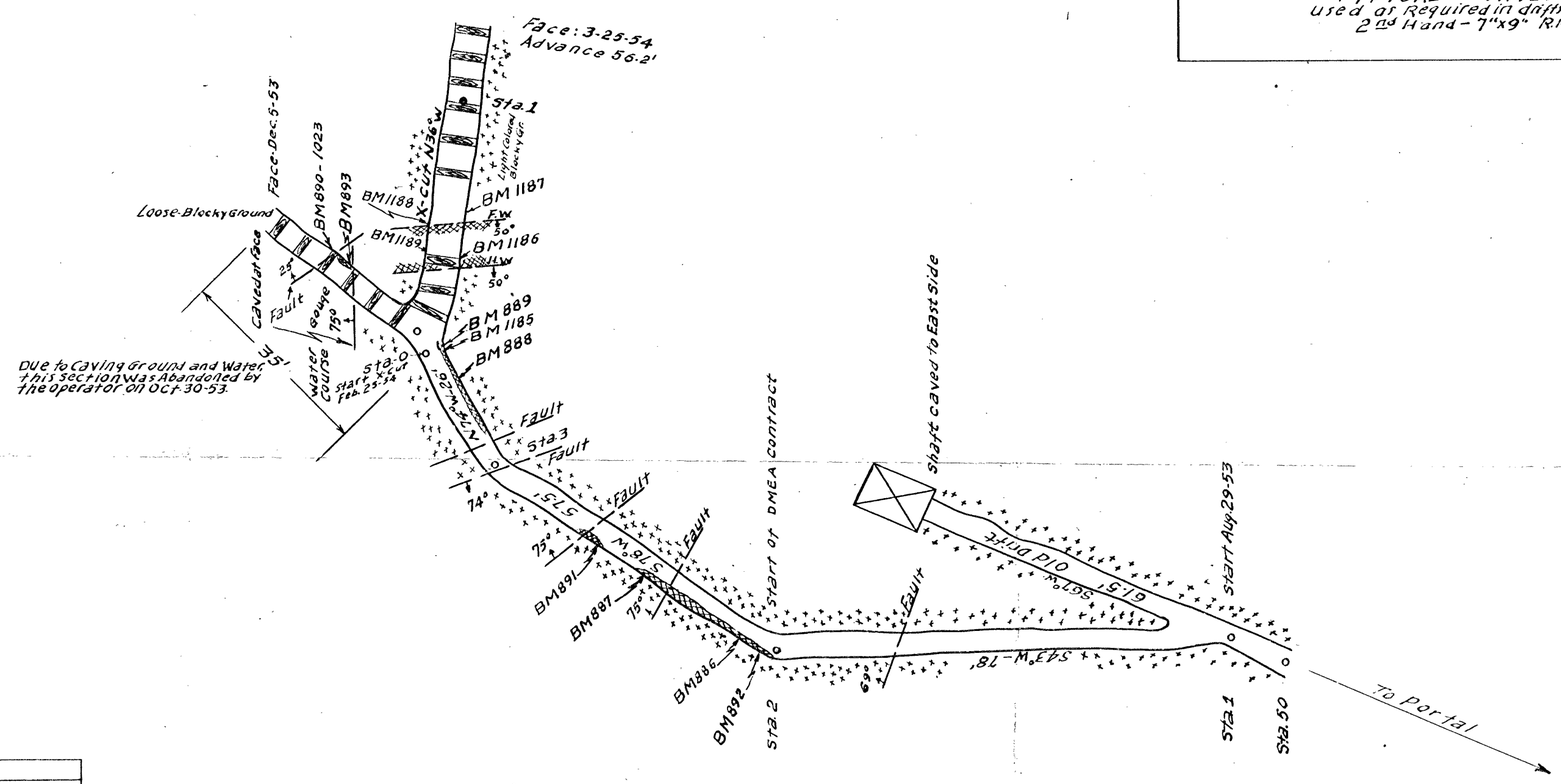
BRUNTON SURVEY

Scale: 1" = 20'

Pillars
Caved
Nevada Bellevue vein offset north possibly as much as 200 feet
Stope
Caved
DUNKLE WORKINGS (For relative location see match marks)
see match marks
PROPOSED DRIFT ON NEVADA-BELLEVUE VEIN
S 84 W. 430'
Fault location not definitely known.
Scale
0' 20' 40' 60' 80' 100 Ft.
1" = 20'
Collar of Shaft
200 Ft Level
BM 1236
START Aug. 29, 1953
To Portal I/o Level
Sta. 50
Sta. 1
Shaft Caved to east side
Old Drift 61.5' S 67° W
S 43° W 78'
300 Foot Level
Station 2 - Start of DMEA contract.
Fault
BM 1238
BM 1237
Face 5/14/54
ADVANCE 41.6 Ft.
Lagged Light Altered Granite
Solid Colored
Face: 3-25-54 Advance 56.2'
43.8 Ft. + 12.4 56.2 Ft.
Indications of dark colored Granite may be footwall Granite
FACE JULY 28, 54 BM 1337
ADVANCE 6 FT.
Sta. 3
Sta. 2
No mineralization
Sta. 1
Light Colored Blocky granite
43.8'
12.4'
Cross Cut N36°W
BM 1187 F.W. 50°
BM 1186 H.W. 50°
BM 1188
BM 1189
BM 893
BM 890 81023
Face Dec. 5, 1953
BM 889
BM 1185
BM 888
N74°W 26'
Sta. 3
S 78 W 57.5'
Fault
BM 891
BM 887
BM 886
BM 892
Loose Blocky Ground
Caved at Face
Water course
Sta. 0
35'
Due to Caving ground and water this section was abandoned by the operator on Oct. 30, 1953
MARSHALL MINING COMPANY
Elko County, — Nevada
PLAN
South west Drift and Cross Cut
Map assembled from Brunton compass surveys to accompany
Interim report of May 1954. Contract No.: Idm-E153 Amended
Blocky Granite
Quartz Co. Vein



TYPICAL TIMBER SET
used as Required in drifts or X-Cuts
2nd Hand - 7"x9" R.R. Ties



MARSHALL MINING COMPANY
ELKO COUNTY, NEVADA
PLAN
SOUTH WEST DRIFT AND CROSS CUT
CONTRACT No.: Idm-E 153-AMENDED
Scale: 1 inch = 20 Ft.
Blocky Granite Quartz Cu-Vein