DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

RECEIVED
JUN 14 1956

I have reviewed the Monthly Reports of:

Triumph Mining Company
Triumph, Idaho

pertaining to Exploration Project Contract No. Idm-E696, Docket No. DMEA 3394, dated August 9, 1954, including Amendments Nos. 1 and 2, for the period of August 9, 1954 to April 15, 1956, inclusive, covering a project for the exploration of lead and zinc on property known as the Triumph Mine, located in Blaine County, State of Idaho.

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

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

(a) All of the costs incurred were under a contract provision for payment by the Government on the basis of agreed unit costs of units of work actually performed.

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

Total Cost as billed by Contractor	$121,544.87
Exceptions (Schedule attached)	2,619.40
Total Accepted Cost	$118,925.47

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the Contractor by the Government in the amount of Fifty nine thousand four hundred sixty two and 74/100 Dollars

--$59,462.74--

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

C. A. Turner, Auditor

June 11, 1956

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JUN 14 1956

Schedule of Exceptions

Triumph Mining Co. DMEA 3394 Idm-E696

Unit Costs Claimed Forms MF-104					
Main crosscut	750'	@	$30.00	$22,500.00	
Timbering main crosscut					
Timbering	352'	@	6.50	2,288.00	
Rock bolts	290	ea.	3.84	1,113.60	
Two compartment raise	196'	@	52.28	10,246.88	
Sublevel drifting	1593'	@	34.47	54,910.71	
Timbering	994'	@	6.50	6,461.00	
Rock bolts	170	ea.	3.84	652.80	
Dip raise	640'	@	30.92	19,757.88	
Timbering dip raise	556'	@	6.50	3,614.00	
					$121,544.87
Accepted Costs					
Main crosscut	750'	@	30.00	$22,500.00	
Timbering main crosscut					
Timbering	352'	@	6.50	2,288.00	
Rock bolts	290	ea.	3.84	1,113.60	
Two compartment raise	196'	@	52.28	10,246.88	
Sublevel drifting	1593'	@	34.47	54,910.71	
Timbering	994'	@	6.50	6,461.00	
Rock bolts	170	ea.	3.84	652.80	
Dip raise	569'	@	30.92	17,593.48	
Timbering dip raise	486'	@	6.50	3,159.00	
					118,925.47
Disallowed by Review					
Dip raise	71'	@	30.48	2,164.40	
Timbering dip raise	70'	@	6.50	455.00	
Total Disallowance					2,619.40

Stage II of Exhibit "A" of the contract provides that the location, direction and extent of all work under the contract are subject to the approval of the Government. The Operator by letter dated April 3, 1956 requested approval to drive a raise 200 feet on the vein from the 540 level south drift starting at coordinate point N 11, 214 and E 9000. Government approval was denied by the Field Team's letter dated April 10, 1956. Therefore, 71' of Dip Raise @ $30.48 or $2,164.40 and Timbering 70' of Dip Raise @ $6.50 or $455.00, aggregating $2,619.40, were disallowed by this review.

C. A. Turner, Auditor

June 11, 1956

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

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

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JUL 12 1956

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

Month of April, 1956 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts: Timbering						
Drilling 10°-45° Raide	$ 455.00	$ 3,159.00	$ 3,614.00	-0-	3159.00	3159.00
Bulldozing						
Crosscutting		22,500.00	22,500.00		22500.00	22500.00
Drifting	3619.35	51,291.36	54,910.71	3619.35	51291.36	54910.71
Timbering sub-level	669.50	5,791.50	6,461.00	669.50	5791.50	6461.00
(2) Labor and Supervision:						
~~Labor~~ Raising		10,246.88	10,246.88		10246.88	10246.88
~~Supervision~~ Rsg. 10°-45°	2164.40	17,593.48	19,757.88	-0-	17593.48	17593.48
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting	7.68	1,758.72	1,766.40	7.68	1758.72	1766.40
(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	$6915.93	$114,628.94	$121,544.87	4296.53	114628.94	118925.47

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

Date 5/8/56 *Payee TRIUMPH MINING COMPANY

Per T. M. Robinson Title General Manager

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

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

(Instructions on reverse)

Final adjusted to audit report

2148.26
.02
2148.24

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

$ 2148 24

Signature M. E. P.
(Authorized Certifying Officer)

Date 7-6-56 Vou. No. 1814
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-696 in accordance with the terms of the contract.

Signature /s/ John D Bardill Title Metallurgist Date May 13-1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec Officer Date July 5-1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
JUL 12 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 6 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals ~~Lead - Zinc~~
Address TRIUMPH, IDAHO

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
	Feet	$3619.35	105	$ 54,910.71	1593	✓ 34.47	1900	34.47
Drifting	Feet			22,500.00	750	✓ 30.00	750	30.00
Crosscutting	Feet			10,246.88	196	✓ 52.28	300	52.28
~~Raising~~ ~~Rsg.10°-45°~~	Feet	2164.40	71	19,757.88	640	✓ 30.92	600	30.92
Shafts ~~Timbering~~	Feet			2,288.00	352	✓ 6.50	750	6.50
Winzes ~~Roof Bolt.~~	Bolt	7.68	2	1,766.40	460	✓ 3.84		
Drilling: Core ~~Roof Bolt~~	Feet		26		637	6.50		
Churn ~~Timbering~~								
Auger ~~10°-45° Rse.~~	Feet	455.00	70	3,614.00	556	✓ 6.50	600	6.50
Stripping ~~Timbering~~								
Trenching ~~sub-level drift.~~	Feet	669.50	103	6,461.00	994	✓ 6.50	1900	6.50
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$6915.93		$121,544.87				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 5/8/56 Operator TRIUMPH MINING COMPANY

Per T. M. Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

151 John D Bardell

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
JUL 12 1956

DMEA PROJECT REPORT
APRIL--1956

Druing the month of April 1956, 105 feet of drift and 71 feet of up dip raise was completed on this DMEA Project.

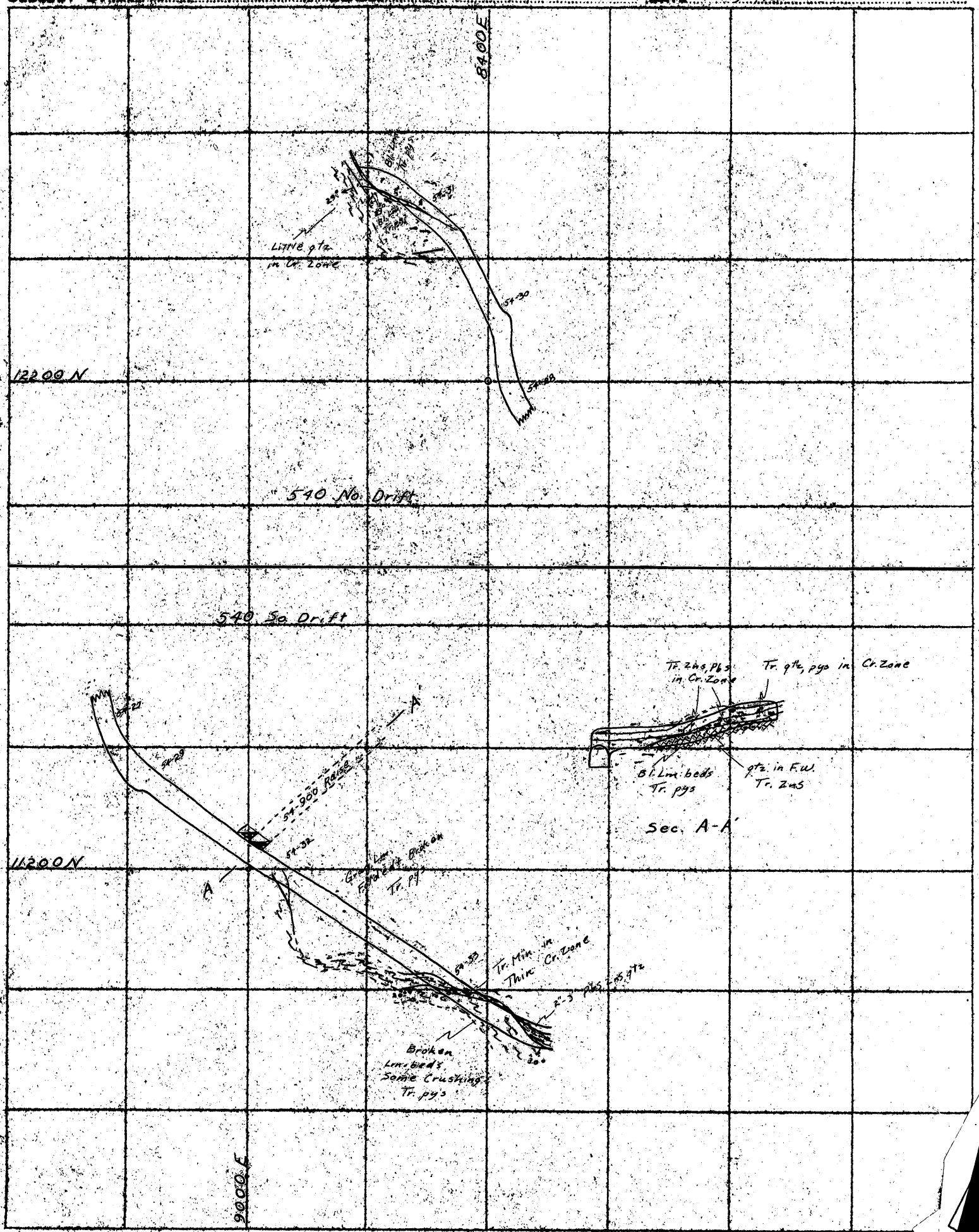
540 North Drift - Advance 10 feet. Face at north doordinate 11282 and east coordinate 8346. Following the structure to the NW. Structure consists of crushed argillite and limestone with a little calcite. Heading stopped.

540 South Drift - Advance 95 feet. Face at north coordinate 11130 and east coordinate 9125. Following the structure to the SE. Structure consists of from 2 to 5 feet of crushed argillite and limestone with an occasional thin streak of PbS and ZnS. Heading stopped.

54-900 Raise - Advance 71 feet. An up dip raise started from the 540 South Drift at north coordinate 11212 and east coordinate 9000. Following the structure up dip. Structure consists of 2 to 4 feet of crushed argillite and limestone with an occasional trace of ZnS. Heading stopped.

All work on this DMEA project was stopped on April 14, 1956.

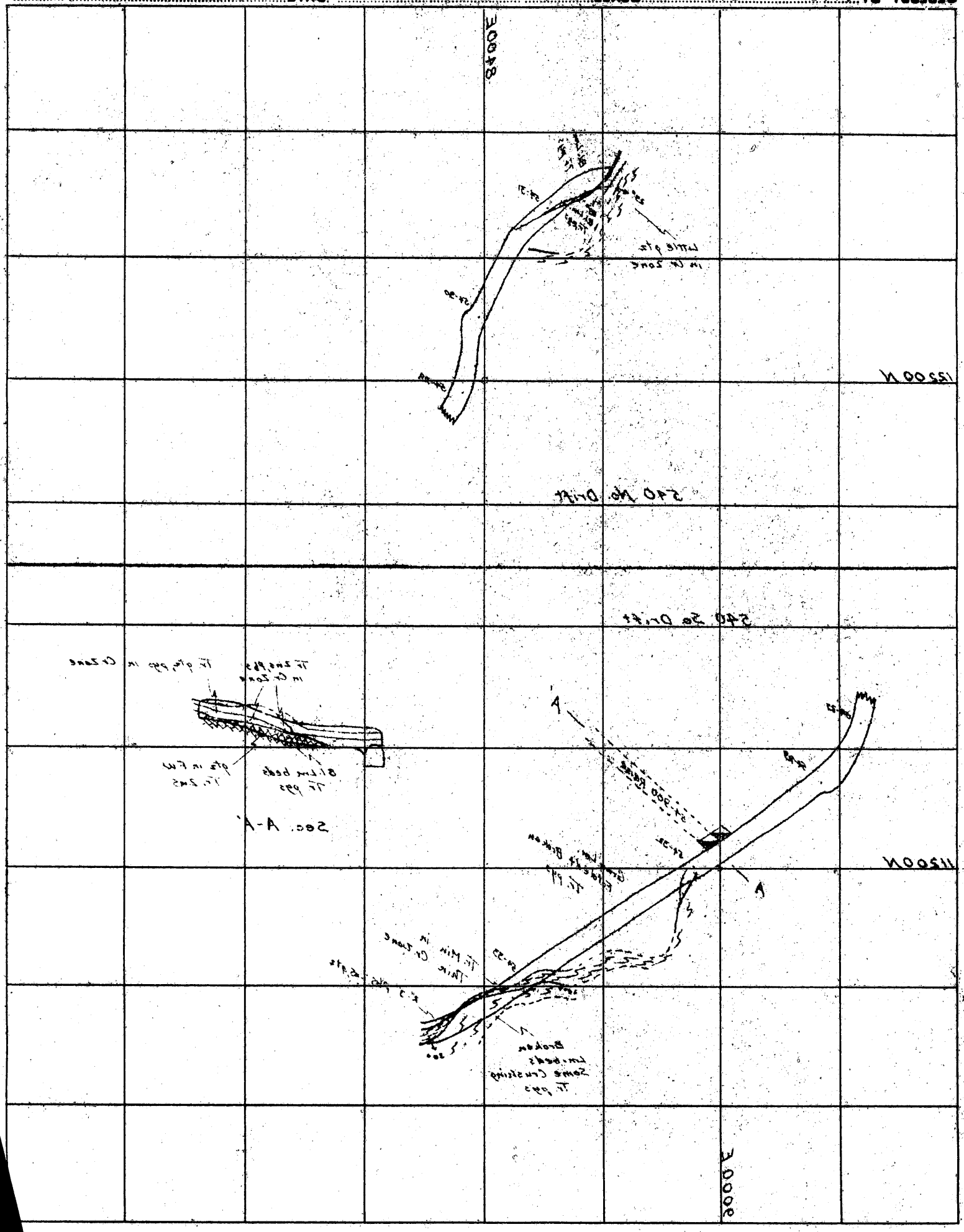
LOCATION 540 No.-So. Drifts-54.900 Raise MINE Triumph LEVEL 540
SURVEY CONDITION
GEOLOGY BY JNB-CCL-JNB SCALE 1" = 50' DATE May 1, 1956



LOCATION 540 No. 50 Drift & 300 Raise MINE Tri-mph LEVEL 540

SURVEY POSITION

GEOLOGY BY JMB CCC JMB SCALE 1" = 50' DATE Mch 1, 1956



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104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED MAY 21 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1956 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name Triumph Mining Company Minerals Lead - Zinc
Address Triumph, Idaho
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: Short Form Timbering						
Drilling 10°-45-Raise	$ 65.00	$ 3,094.00	$ 3,159.00	65.00	3094.00	3159.00
Bulldozing						
Crosscutting		22,500.00	22,500.00		22500.00	22500.00 ✓
Drifting	16890.30	34,401.06	51,291.36	16890.30	34401.06	51291.36
Timb. sub-level	1306.50	4,485.00	5,791.50	1306.50	4485.00	5791.50
(2) Labor and Supervision:						
~~Labor~~ Raising		10,246.88	10,246.88		10246.88	10246.88 ✓
~~Supervision~~ Rsg.10°-45-	309.20	17,284.28	17,593.48	309.20	17284.28	17593.48
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00 ✓
Explosives						
Pipe						
Track						
Roof Bolting	403.20	1,355.52	1,758.72	403.20	1355.52	1758.72
(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	$18974.20	$95,654.74	$114,628.94	18974.20	95654.74	114628.94

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

Date 4/7/56 *Payee TRIUMPH MINING COMPANY

Per T M Rakness Title General Manager

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

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

(Instructions on reverse)

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

$ 9487.10

Signature M&P
(Authorized Certifying Officer)

Date 5/15/56 Vou. No. 1775
(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. E696 in accordance with the terms of the contract.

Signature (S) John D Bardell Title Metallurgist Date April 16, 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) A. E. Weissenborn Title Exec. Officer Date 4/16/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAY 21 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1956 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	$16890.30	490	$ 51,291.36	1488	$34.47	1900	$34.47
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.88	196	52.28	300	52.28
~~Shafts~~ Raising 10°-45°	Feet	309.20	10	17,593.48	569	30.92	600	30.92
~~Winze~~ Timbering	Feet			2,288.00	352	6.50	750	6.50
~~Drilling: Core~~ Rf.Bolting	Feet	403.20	105	1,758.72	458	3.84		
~~Churn~~ Rf.Bolting	Feet		255		611			
~~Auger~~ Timbering								
~~Stripping~~ 10°-45° Raise	Feet	65.00	10	3.159.00	486	6.50	600	6.50
~~Trenching~~ Timbering								
~~Test Pits~~ sub-level dft	Feet	1306.50	201	5,791.50	891	6.50	1900	6.50
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$18974.20		$114,628.94				

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 4/7/56 Operator TRIUMPH MINING COMPANY

Per F M Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

151 John D Burdill

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
MAY 21 1956

TRIUMPH MINING COMPANY
DMEA PROJECT REPORT
MARCH - 1956

During the month of March 1956, 490 feet of drifting and 10 feet of up dip raising was completed on this project.

540 North Drift - Advance 281 feet. Face at north coordinate 12282 and east coordinate 8356. Following a structure to the NW. Structure consists of 2 to 5 feet of crushed argillite and limestone containing considerable calcite and some quartz. Footwall is hard argillite and the hangingwall is limey argillite.

540 South Drift - Advance 209 feet. Face at north coordinate 11180 and east coordinate 9045. First 59 feet in the footwall of the structure while the last 150 feet follows along the structure to the SE. First 59 feet all argillite. Last 150 feet the structure consists of 1 to 3 feet of crushed argillite and limestone overlying contorted argillite beds and underlying limey argillites. Some traces of pyrites, ZnS, and Pbs in the crushed zone.

54-894 Raise Intermediate South - Advance 10 feet. Still on the structure and some traces of mineral seen in the face. Project stopped.

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

Budget Bureau No. 42-R1036.5

RECEIVED
MAR 26 1956

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

Month of February, 1956 Docket No. DMEA 3394 Contract No. I.D.M.696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50% Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts: Timbering						
Drilling 10°-45-Raise	$ 812.50	$ 2,281.50	$ 3,094.00	812.50	2281.50	3094.00
Bulldozing						
Crosscutting		22,500.00	22,500.00		22500.00	22500.00
Drifting	2516.31	31,884.75	34,401.06	2516.31	31884.75	34401.06
Timbering sub-level	175.50	4,309.50	4,485.00	175.50	4309.50	4485.00
(2) Labor and Supervision:						
~~Labor~~ Raising		10,246.88	10,246.88		10246.88	10246.88
~~Supervision~~ Rsg. 10°-45°	4730.76	12,553.52	17,284.28	4730.76	12553.52	17284.28
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof-Bolting	57.60	1,297.92	1,355.52	57.60	1297.92	1355.52
(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	$8292.67	$87,362.07	$95,654.74	8292.67	87362.07	95654.74

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

Date 3/6/56 *Payee TRIUMPH MINING COMPANY

Per T M Rapman Title General Manager

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

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

(Instructions on reverse)

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

$ 4146.34

Signature M P
(Authorized Certifying Officer)

Date 3/22/56 Vou. No. 1740
(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. E696 in accordance with the terms of the contract.

Signature /s/ John D. Bardell Title Metallurgist Date 3/12/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec Officer Date 3/19/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
MAR 26 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1956 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Feet	$2516.31	73	$34,401.06	998	$34.47	1900	$34.47
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.88	196	52.28	300	52.28
Raising 10°-45°	Feet	4730.76	153	17,284.28	559	30.92	600	30.92
Timbering				2,288.00	352	6.50	750	6.50
Roof Bolt.	Bolt	57.60	15	1,355.52	353	3.84		
Roof Bolt.	Feet		45		356			
Timbering								
10°-45° Raise	Feet	812.50	125	3,094.00	476	6.50	600	6.50
Timbering								
sub-level drft	Feet	175.50	27	4,485.00	690	6 50	1900	6.50
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS								
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$8292.67		$95,654.74				

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

Date 3/6/56 Operator TRIUMPH MINING COMPANY

Per J. M. Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ John D. Bardill
Mining Engr.

INSTRUCTIONS

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

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

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

GPO 872894

TRIUMPH MINING COMPANY
D.M.E.A. REPORT
FEBRUARY, 1956

During the month of February 73 feet of Drifting and 153 feet of raising was completed.

540 North Drift was advanced 93 feet. Face at north coordinate 12071 and east coordinate 8534. The structure consisted of highly crushed argillite and lime beds containing considerable calcite with minor amounts of quartz and traces pyrite and zinc. The footwall was hard argillite. At north coordinate 12031 and east coordinate 8566 a hangingwall raise was driven 29 feet through the structure into solid dark lime beds. Traces of quartz and pyrite only were observed.

54-894 Raise Intermediate south was advanced 124 feet along the mineral bearing structure. The footwall was interbedded lime and argillite and gray lime beds containing traces of pyrite. The hangingwall where observed was badly broken lime beds. The average face samples were as follows;

Width- 4.8 feet, Au- Tr, Ag- 0.8, Lead- 0.6%, Zinc 1.7%.

Form [illegible]-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 January, 1956 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name Triumph Mining Company Minerals Lead-Zinc
Address Triumph, Idaho
Contract Amount, $143,354.00 Government Participation: 50 % Amount, $71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: Short Form						
Timbering						
~~Drilling~~ 10°-45°						
~~Drilling~~ Raise	390.00	1,891.00	2,281.50	390.00	1891.50	2281.50
Crosscutting	[illegible]	22,500.00	22,500.00		22500.00	22500.00
Drifting	6,445.89	25,438.86	31,884.75	6445.89	25438.86	31884.75
Timbering sub-level	318.50	3,991.00	4,309.50	318.50	3991.00	4309.50
(2) Labor and Supervision:						
~~Labor~~ Raising		10,246.88	10,246.88		10246.88	10246.88
10°45° ~~Supervision~~ Raising	1,947.96	10,605.56	12,553.32	1947.96	10605.56	12553.52
~~Technical Services 10°-45°~~						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof bolting	184.32	1,113.60	1,297.92	184.32	1113.60	1297.92
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$9,286.67	$78,075.40	$87,362.07	9286.67	78075.40	87362.07

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

Date 2/8/56 *Payee Triumph Mining Company

Per T. M. Robinson Title General Manager

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

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

(Instructions on reverse)

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

$4643.34

Signature M. P. (Authorized Certifying Officer)

Date 2/16/56 Vou. No. 1713

(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. E696 in accordance with the terms of the contract.

Signature 151 John D Barkill Title Metallurgist Date 2/16/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 151 Wing G Agnew Title acting Exec. Officer Date 2/16/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 20 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1956 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name Triumph Mining Company Minerals Lead-Zinc
Address Triumph, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	6,445.89	187	31,884.75	925	34.47	1900	34.47
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.80	196	52.28	300	52.28
~~Shafts~~ Raising 10°45°	Feet	1,947.96	63	12,553.52	406	30.92	600	30.92
~~Winzes~~ Timbering	Feet			2,288.00	352	6.50	750	6.50
~~Drilling~~ ~~Core~~ Roof Bolt	Bolt	184.32	48	1,297.92	338	3.84		
Roof ~~Churn~~ Bolting	Feet		127		311			
~~Auger~~ Timbering								
~~Stripping~~ 10°-45°Ra.	Feet	390.00	60	2,281.50	351	6.50	600	6.50
~~Trenching~~ Timbering sub-								
~~Test Pits~~ levl drift	Feet	318.50	49	4,309.50	663	6.50	1900	6.50
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$9,286.67	0	87,362.07				

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

Date 2/8/56 Operator Triumph Mining Company

Per J M Robinson Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

/s/ John D. Bardill

INSTRUCTIONS

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

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

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

GPO 872894

TRIUMPH MINING COMPANY
DMEA REPORT
JANUARY - 1956

During the month of January 1956 187 feet of drifting was completed along with 63 feet of raising on this DMEA project.

540 North Drift - Advance 137 feet. Face at north coordinate 11222 and east coordinate 8586. Following along the footwall of a wide crushed zone. This structure consists of very crushed argillite and limestone containing considerable calcite and occasionally some quartz. Footwall all hard argillite. No true hangingwall seen. No timber used; however, did use 48 roof bolts over a distance of 127 feet.

540 South Drift - Advance 50 feet. Face at north coordinate 10343 and east coordinate 8928. Following along the footwall of a wide crushed zone to the SE. The structure consists of crushed argillite and limestone containing fragments of quartz and calcite. No true hangingwall seen. At a point 40 feet back from the face a one foot [redacted] within the main crushed zone containing some scattered mineralization was cut; this zone lies just above the footwall and continued to the face. The mineralization consists of scattered particles of pyrites, ZnS and an occasional speck of PbS. 10 feet from the face the footwall flattened and swung sharply to the South making it almost impossible to keep the drift on the footwall. The average of the face samples for this 40 feet is - Width- 1.6 ft, Au- Tr, Ag- 1.3 oz, Pb- 1.1 %, Zn- 2.4 %.

54-894 Raise - Advance 46 feet. At north coordinate 11365 and east coordinate 8910 an up dip raise was started from the 540 South Drift on the mineralized structure. Some nice - ¼ to ½ inch - fragments of PbS were found in the first 25 feet of this raise. At a point 40 feet up dip from the Drift a small South dipping East-West fault crossed the structure and the mineral zone although not cut narrowed down to 4 to 5 inches at the face. The average of the face samples for this 46 feet is - Width - 2.1 ft, Au- Tr, Ag- 0.6 oz, Pb- 0.5 %, Zn- 1.9 %.

54-894 Raise Intermediate Drift South - Advance 17 feet. At a point 35 feet up dip from the Drift in the 54-894 Raise a heading was started off to the SE following the mineralized structure. The main structure in this heading consists of 7 to 8 feet of crushed argillite and limestone having the bottom 3 to 5 feet containing some mineralization. A limestone hanging wall overlays the main structure. The mineralization consists of scattered fragments of pyrites and ZnS and an occasional speck of PbS. The average of the face samples for this 17 feet is - Width- 3.5 ft, Au- Tr, Ag- 1.1 oz, Pb- 0.5 %, Zn- 1.4 %.

-104 (Rev.)
pril 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB - 6 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 195 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $43,354.00 Government Participation 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts:						
Timbering Short Form Raise 10°-45-		$ 1,891.50	$ 1,891.50		1891.50	1891.50
Bulldozing						
Crosscutting		22,500.00	22,500.00		22500.00	22500.00
Drifting	$7755.75	17,683.11	25,438.86	7755.75	17683.11	25438.86
Timbering Sub Level	760.50	3,230.50	3,991.00	760.50	3230.50	3991.00
(2) Labor and Supervision:						
Raising		10,246.88	10,246.88		10246.88	10246.88
Ra. 10°-45°		10,605.56	10,605.56		10605.56	10605.56
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting		1,113.60	1,113.60		1113.60	1113.60
(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	$8516.25	$69,559.15	$78,075.40	8516.25	69559.15	78075.40

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

Date 1/10/56 *Payee TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 4258 13

Signature M&P
(Authorized Certifying Officer)

Date 2/3/56 Vou. No. 1702
(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. E696 in accordance with the terms of the contract.

Signature /S/ John D. Bardill Title Metallurgist Date Jan. 23-1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Goldoft Title Mining Engr Date Jan 27-56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

F-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB - 6 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Feet	$7755.75	225	$25,438.86	738	$34.47	1900	$34.47
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.88	196	52.28	300	52.28
~~Shaft~~ Ra. 10°-45°	Feet			10,605.56	343	30.92	600	30.92
~~Winzes~~ Timbering	Feet			2,288.00	352	6.50	750	6.50
~~Drilling Cost~~ Roof Bolt.	Bolt			1,113.60	290	3.84	290	3.84
Churn								
~~Auger~~ Timbering								
Stripping 10°-45° Raise	Feet			1,891.50	291	6.50	600	6.50
~~Trenching~~ Timbering								
~~Test Pits~~ Sub-level dft.	Feet	760.50	117	3,991.00	614	6.50	1900	6.50
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$8516.25		$78,075.40				

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

Date 1/10/56 Operator TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

Remarks:

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

(Instructions on reverse)

(For Government use only)

/s/ John D Bardill

INSTRUCTIONS

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

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

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

GPO 872894

TRIUMPH MINING COMPANY
D.M.E.A. PROJECT REPORT
DECEMBER, 1955

During the month of December 1955, 225 feet of drifting was completed on this D.M.E.A. project.

540 North Drift - Advance 113 feet. Face at Triumph north coordinate 11917 and east coordinate 8665. First 18 feet in hard argillite footwall. At Triumph north coordinate 11883 and east coordinate 8723 the footwall of a wide crushed structure was cut. The heading was turned and followed this structure to the NW. This structure consists of a wide (no handingwall seen), tight, very crushed mass of crushed argillite and limestone containing considerable calcite and some quartz. Footwall is hard argillite.

540 South Drift - Advance 112 feet. Face at Triumph north coordinete 11375 and east coordinate 8895. Following the footwall of a wide crushed structure to the SE. This structure consists of a very wide (no hangingwall seen) crushed zone of argillite and limestone containing many fragments of calcite and quartz. Considerable water being made along this structure. Footwall consists of hard argillite.

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

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
DEC 20 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50% % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts:						
Short Form Timbering sub-level drift	$ 747.50	$ 2,483.00	$ 3,230.50	747.50	2483.00	3230.50
Timbering 10°-45° Ra.	130.00	1,761.50	1,891.50	130.00	1761.50	1891.50
Crosscutting		22,500.00	22,500.00		22500.00	22500.00
Drifting	4481.10	13,163.71	17,644.81	4481.10	13163.71	17644.81
Drifting	38.30		38.30	38.30		38.30
(2) Labor and Supervision:						
Raising		10,246.88	10,246.88		10246.88	10246.88
Ra. 10°-45-	2195.32	8,410.24	10,605.56	2195.32	8410.24	10605.56
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting		1,113.60	1,113.60		1113.60	1113.60
(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	$7592.22	$61,966.93	$69,559.15	7592.22	61966.93	69559.15

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 12/9/55 *Payee TRIUMPH MINING COMPANY
Per J M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 3796 11

Signature M 2P
(Authorized Certifying Officer)

Date 12-15-55 Vou. No. 1670
(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. E696 in accordance with the terms of the contract.

Signature /S/ John D Bardill Title Metallurgist Date 12-13-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 12-13-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
DEC 20 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals LEAD - ZINC
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Feet	$4481.10	130	$17,644.81	513	$34.47	1900	$34.47
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.88	196	52.28	300	52.28
~~Shafts~~ Rais. 10°-45°	Feet	2195.32	71	10,605.56	343	30.92	600	30.92
~~Winzes~~ Timbering	Feet			2,288.00	352	6.50	700	6.50
~~Drilling Core~~ Roof Bolt.	Bolt			1,113.60	290	3.84	290	3.84
Churn								
~~Auger~~ Timbering								
~~Stripping~~ 10°-45° Raise	Feet	130.00	20	1,891.50	291	6.50	600	6.50
~~Trenching~~ Timbering								
~~Test Pits~~ Sub-Level	Feet	747.50	115	3,230.50	497	6.50	1900	6.50
~~Roads and Trails~~ Drifting								
383 Ft. @ $0.10		38.30		38.30				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$7592.22		$69,559.15				

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 12/9/55 Operator TRIUMPH MINING COMPANY

Per T M Rakinson Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

151 John D Bardill

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
DEC 30 1955

TRIUMPH MINING COMPANY
DMEA REPORT
NOVEMBER, 1955

During the month of November 1955, 130 feet of drifting and 71 feet of raising was completed on this DMEA project.

The 540 North Drift was advanced 84 feet. With the face at Triumph north coordinate 11870 and east coordinate 8757. Followed the footwall of a wide crushed zone. At north coordinate 11830 and east coordinate 8765 a small N65°W fault dipping 76° to the north was cut and appears to have offset the main crushed zone. After passing thru the fault followed a narrow crushed zone for 40 feet; this zone narrowed down from 3 feet thick to 6 inches in this 40 foot distance. Turning the heading to the left to pick up the offset portion of the main structure.

At north coordinate 11842 and east coordinate 8760 on the 540 North Drift a small 70° raise was put up into the hanging wall to probe for the main structure which was offset by the small fault encountered in the drift. Cut an 8 foot crushed zone 8 feet up which appears to be the main structure. The last 15 feet was in blank limestone. A long hole was put up in the end of the raise and 20 feet of porphyry was cut 7 feet from the collar of the hole.

54-877 Raise Up-dip was advanced 40 feet. Followed the crushed zone up dip. Zone consisted of from 2 to 8 feet of crushed argillite and limestone and some porphyry. A test hole in the back at the face showed hard porphyry. Project stopped.

At north coordinate 11500 and east coordinate 8842 where a large crushed zone or structure took off into the hanging wall of the 540 South Drift a heading was turned off following the structure to the south. This heading was advanced X 46 feet with the face at north coordinate 11456 and east coordinate 8835. This structure consists of 6 to 8 feet of crushed argillite and limestone containing considerable calcite with a little quartz. Footwall is hard argillite.

In as much as the structure in the first face of the South Drift was but an inch or two wide it was felt that it was a minor footwall thing and that the main structure is the one being followed now.

Form MF-16% (Rev.)
(April 1952)

W

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
NOV 21 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: Short Form Timbering sug-						
~~Drifting~~ level drift	$ 747.50	$ 1,735.50	$ 2,483.00	747.50	1735.50	2483.00
~~Bulkheading~~ Timbering 10°-45° Raise	851.50	910.00	1,761.50	851.50	910.00	1761.50
Crosscutting		22,500.00	22,500.00		22500.00	22500.00
Drifting	3952.55	9,211.16	13,163.71	3952.55	9211.16	13163.71
Raising		10,246.88	10,246.88		10246.88	10246.88
(2) Labor and Supervision:						
~~Labor~~ 10°-45° Raising	4081.44	4,328.80	8,410.24	4081.44	4328.80	8410.24
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting		1,113.60	1,113.60		1113.60	1113.60
(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	$9632.99	$52,333.94	$ 61,966.93	9632.99	52333.94	61966.93

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 11/10/55 *Payee TRIUMPH MINING COMPANY
Per J M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 4816 50

Signature M E P
(Authorized Certifying Officer)

Date 11-16-55 Vou. No. 1649
(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. E696 in accordance with the terms of the contract.

Signature /S/ John D. Bardill Title Metallurgist Date 11-14-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr Date 11-14-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Feet	$3952.55	115	$ 13,163.71	383	$34.37	1900	$34.37
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.88	196	52.28	300	52.28
~~Shaft~~ Raising 10°-45°	Feet	4081.44	132	8,410.24	272	30.92	600	30.92
~~Winze~~ Timbering	Feet			2,288.00	352	6.50	750	6.50
~~Drifting Core~~ Roof Bolt	Bolt			1,113.60	290	3.84	290	3.84
Churn								
Auger								
~~Stripping~~ Timbering								
Trenching 10°-45 Raise	Feet	851.50	131	1,761.50	271	6.50	600	6.50
~~Test Pits~~ Timbering								
~~Roads and Trails~~ Sub-Level	Feet	747.50	115	2,483.00	382	6.50	1900	6.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$9632.99		$ 61,966.93				

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

Date 11/10/55 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

151 John D Bardill

INSTRUCTIONS

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

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

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

GPO 872894

TRIUMPH MINING COMPANY

DMEA PROJECT REPORT

OCTOBER 1955

During the month of October 113 feet of sub level drifting, 110 feet of up dip raising and 22 feet of single compartment vertical raising was completed on this DMEA project.

The 540 North Drift was advanced 113 feet with face at Triumph north coordinate 11785 and east coordinate 8775. This heading followed the footwall of a wide crushed zone. This crushed zone consists of very crushed material--probably argillite and limestone--with an occasional spot of quartz and considerable calcite; no hangingwall seen. The footwall of this structure consists of hard limey argillite with an occasional large inclusion of quartz. This structure seems to be striking just a little west of north and dipping 13° to 30° to the west.

54-887 Raise (Vertical one compartment) was advanced 22 feet. At a point 25 feet above the flat up dip raise a gouge structure was encountered. This structure consists of from 3 to 4 feet of crushed material along with a little crushed porphyry. The raise was terminated in hard solid porphyry.

54-887 Raise (Up dip) was advanced 110 feet. At a point where the footwall structure flattened off and a hangingwall structure was seen taking off into the hanging the back was shot down and the hangingwall structure followed. This heading crossed the vertical raise at the same point where the structure was cut in the vertical raise. Following the structure up dip beyond the vertical raise. Structure consists of from 2 to 3 feet of crushed material and gouge and some crushed porphyry.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
OCT 17 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of SEPTEMBER, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts: Timbering						
Sub-level drift	$ 286.00	$ 1,449.50	$ 1,735.50	286.00	1449.50	1735.50
Timbering 10°-45° R&.	715.00	195.00	910.00	715.00	195.00	910.00
Crosscutting		22,500.00	22,500.00		22500.00	22500.00
Drifting	1546.65	7,664.51	9,211.16	1546.65	7664.51	9211.16
Raising		10,246.88	10,246.88		10246.88	10246.88
(2) Labor and Supervision:						
10°-45° Raising	3401.20	927.60	4,328.80	3401.20	927.60	4328.80
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting		1,113.60	1,113.60		1113.60	1113.60
(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	$5948.85	$46,385.09	$52,333.94	5948.85	46385.09	52333.94

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

Date 10/8/55 *Payee TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 2974 43

Signature M 2P
(Authorized Certifying Officer)

Date 10/12/55 Vou. No. 1624
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 696 in accordance with the terms of the contract.

Signature /S/ John D. Bardill Title Metallurgist Date 10-11-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen H. Zoldok Title Mining Engr Date 10-11-55

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.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
OCT 17 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Feet	$1546.65	45	$ 9,211.16	268	$34.37	1900	$34.37
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.88	196	52.28	300	52.28
~~Shafts~~ Raising(10°-45°)	Feet	3401.20	110	4,328.80	140	30.92	600	30.92
~~Winzes~~ Timbering	Feet			2,288.00	352	6.50	750	6.50
~~Drilling: Core~~ Roof Bolt	Bolt			1,113.60	290	3.84	290	3.84
Churn								
Auger								
~~Stripping~~ Timbering								
Trenching 10°-45°Raise	Feet	715.00	110	910.00	140	6.50	600	6.50
Test Pits								
~~Roads and Trails~~ Timbering								
Sub-Level drift	feet	286.00	44	1,735.50	267	6.50	1900	6.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$5948.85		$52,333.94				

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

Date 10/8/55 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ John D Burdell

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

DMEA PROJECT REPORT

September - 1955

During the month of September 1955, 45 feet of sub-level drifting was completed along with 100 feet of up dip raising and 10 feet of one compartment vertical raising. The face of the 540 South Drift is now at north coordinate 11465 and east coordinate 8886. The face of the 540 North Drift is at north coodinate 11686 and east coordinate 8795.

The south drift which was advanced 11 feet was following the narrow steeply dipping gouge. This structure consists of 1 to 2 feet of crushed zone containing 2 to 3 inches of gouge with a few pyrites.

The north heading which was advanced 34 feet started out in middle of the wide flat crushed zone with considerable crushed porphyry showing. The footwall was cut at the present face and it strikes N60°E and dips 16° to the SW. Considerable quartz along with a little ZnS and pyrites was exposed along the footwall. This is the largest amount of quartz and ZnS to be encountered by this project.

The up dip raise (54-887 Raise) was advanced 100 feet following the hard argillite footwall which was overlain by a 2 to 3 foot crushed gougey zone. The last 90 feet of this raise is practically flat. At a point 40 feet up dip from the drift where the structure flattened off a steeper structure was seen taking off into the hangingwall; to check this steeper structure a vertical one compartment raise was started at a point 100 feet from the chute. This vertical raise was advanced 10 feet.

540 No. Dip - 54.887 Raise Mine Triumph

SURVEY

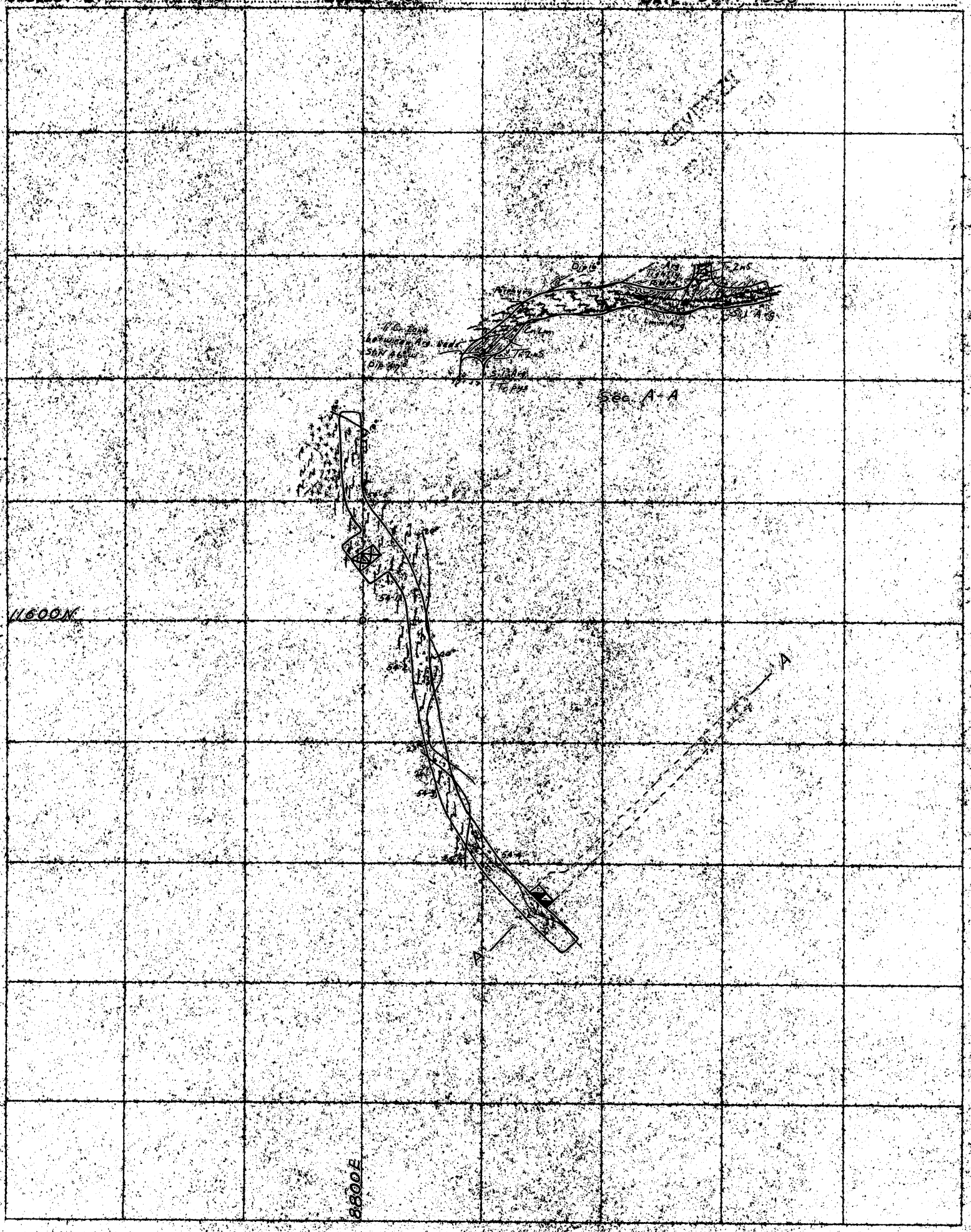
GEOLOGY BY JMB-CCL-JNB

SCALE 1" = 50'

LEVEL 540

POSITION

DATE Oct. 1, 1955



[redacted]ON 540 Mo Dwn-54 BBZ Mine Triumph

SURVEY

GEOLOGY BY JMB-CK-MMB SCALE 1"=50' DATE Oct 1 1955

LE[redacted] 540

POSITION

Form M1[illegible] (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED SEP 1 9 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
~~Drifting~~ Timbering sub level drift	$ 474.50	$ 975.00	$ 1,449.50	474.50	975.00	1449.50
~~Raising~~ timbering 10° 45° Raise	195.00		195.00	195.00	-o-	195.00
Crosscutting		22,500.00	22,500.00		22500.00	22500.00
Drifting	2509.01	5,155.50	7,664.51	2509.01	5155.50	7664.51
Raising		10,246.88	10,246.88		10246.88	10246.88
(2) Labor and Supervision:						
~~Labor~~ 10°-45° Raising	927.60		927.60	927.60	-o-	927.60
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting		1,113.60	1,113.60		1113.60	1113.60
(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	$4106.11	$42,278.98	$46,385.09	4106.11	42278.98	46385.09

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

Date 9/9/55 *Payee TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 20530 6

Signature M O P
(Authorized Certifying Officer)

Date 9-16-55 Vou. No. 1608

(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. 6696 in accordance with the terms of the contract.

Signature /S/ John D Bardell Title Metallurgist Date 9-13-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 9-14-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP 10 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals LEAD - ZINC
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	$2509.01	73	$ 7,664.51	223	$34.37	1900	$34.37
Crosscutting	Feet			22,500.00	750	30.00	750	30.00
Raising	Feet			10,246.88	196	52.28	300	52.28
~~Shafts~~ Raising(10°-45°)	Feet	927.60	30	927.60	30	30.92	600	30.92
~~Winzes~~ Timbering				2,288.00	352	6.50	750	6.50
Drilling: ~~Core~~ —				1113.60	290	3.84	290	3.84
Churn Roof-Bolt.	Bolt							
Auger								
~~Cutting~~ Timbering								
~~Trenching~~ 10°-45°Raise	Feet	195.00	30	195.00	30	6.50		6.50
Test Pits								
~~Roads and Trails~~ Timbering								
Sub-level drift	Feet	474.50	73	1,449.50	223	6.50	1900	6.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$4106.11		$46,385.09				

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

Date 9/9/55 Operator TRIUMPH MINING COMPANY

Per J M Rabiner Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ John D Bardill

INSTRUCTIONS

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

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

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

GPO 872894

TRIUMPH MINING COMPANY
DMEA PROJECT REPORT
AUGUST - 1955

During the month of August 73 feet of sub-level drifting was completed and 31 feet of up dip raising. The 540 South Drift was advanced 73 feet with the face now at north coordinate 11473 and east coordinate 8880. At north coordinate 11485 and east coordinate 8874 an up dip raise (54-887 Raise) was started and advanced up dip 31 feet.

The 880 Raise was plumbed and a transit survey carried to the 540 Level. The 540 track at the sill of the 880 Raise is 6346 feet elevation or 100 feet above the track, in the 70-820 cross-cut at the bottom of the raise.

The first 20 feet advance in the drift followed the same flat dipping structure which had been followed to date. At north coordinate 11500 and east coordinate 8845 a steeply dipping footwall structure was encountered and followed and the flatter structure was lost in the hangingwall. This footwall strusture which dips from 45° to 55° to the SW and which strikes S45°E consists of from 1 to 3 feet of very tight gouge overlying a hard argillite. An occasional spot of ZnS, pyrites and some quarts is found in the gouge.

T The raise was started on the footwall structure and is following it up dip. The first 25 feet are rather steep but at a point 25 feet up the flatter hangingwall structure is encountered and the raise appears to be flattening somewhat. The structure in the raise is similar to that in the drift.

Form [illegible]24 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
AUG 26 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50% Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: Short Form Timbering sub-level drift	$ 624.00	$ 351.00	$ 975.00	624.00	351.00	975.00
Drilling						
Bulldozing		$22,500.00	$ 22,500.00		22500.00	22500.00
Crosscutting	$3299.52	$ 1,855.98	$ 5,155.50	3299.52	1855.98	5155.50
Drifting Raising		$10,246.88	$ 10,246.88		10246.88	10246.88
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies: Timbering		$ 2,288.00	$ 2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track Roof Bolting		$ 1,113.60	$ 1,113.60		1113.60	1113.60
(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	$3923.52	$38,355.46	$ 42,278.98	3923.52	38355.46	42278.98

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8/6/55 *Payee TRIUMPH MINING COMPANY
Per J M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 1961 76

Signature M 2P
(Authorized Certifying Officer)

Date 8-17-55 Vou. No. 1584
(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. E696 in accordance with the terms of the contract.

Signature (S) John D. Burdill Title Metallurgist Date 8-15-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W. Zoldok Title Mining Engr Date 8-15-55

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 [illegible]F-104A
(Rev. [illegible] 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
AUG 26 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1955 Docket No. DMEA 3384 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Feet	$3299.52	96	$ 5,155.50	150	$34.37	1900	$34.37
Crosscutting	Feet			$ 22,500.00	750	$30.00	750	$30.00
Raising	Feet			$ 10,246.88	196	$52.28	300	$52.28
Shafts								
Winzes								
Drilling: ~~xxx~~Timbering	Feet			$ 2,288.00	352	$ 6.50	750	$ 6.50
Churn								
Auger								
~~xxxxx~~Roof Bolting	Bolt			$ 1,113.60	290	$ 3.84	290	$ 3.84
~~xxxxx~~Roof Bolting	Feet				184		184	
Test Pits								
~~xxxxxxxxxx~~Timbering bus--level drift	Feet	$ 624.00	96	$ 975.00	150	$ 6.50	1900	$ 6.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$3923.52	✓	$ 42,278.98	✓			143354.00

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 8/6/55 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager TRIUMPH, IDAHO

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)

Isl John D Bardill

INSTRUCTIONS

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

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

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

GPO 872894

TRIUMPH MINING COMPANY

DMEA PROJECT REPORT

JULY, 1955

Buring the month of July 1955, 96 feet of sub-level drift was driven on the 540 level. The north heading was driven 5 feet and the south heading 91 feet. The face of the south heading is now at north coordinate 11530 and east coordinate 8842.

The south heading is following the structure in a southerly direction. Structure strikes S5° to 10°E and dips from 20° to 25° west; however, in the last few feet of the south heading the strike appears to be swinging markedly to the SE. The structure is very tight and gougey and consists of from 6 to 10 feet of crushed argillite and limestone with considerable calcite and an occasional sploch of quartz and also a few specks of ZnS and pyrites. Footwall is a hard limestone or limey argillite. An occasional spot or porphyry was seen in the hangingwall.

The north although still in the structure is too much into the hangingwall as a considerable portion of the face us porphyry. No footwall is to be seen in the north heading.

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

w

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED
JUL 1 9 1955

Month of June, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50% Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
~~Drilling~~ Timbering and Drift				351.00	-0-	351.00
Bulldozing						
Crosscutting		$22,500.00	$ 22,500.00		22,500.00	22,500.00
Drifting	$2206.98		2,206.98	1855.98	-0-	1855.98
Raising	$1568.40	$ 8,678.48	$ 10,246.88	1568.40	8678.48	10246.88
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		$ 2,288.00	$ 2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting		$ 1,113.60	$ 1,113.60		1113.60	1113.60
(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	$3775.38	$34,580.08	$ 38,355.46	3775.38	34580.08	38355.46

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

Date 7/8/55 *Payee TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 1887 69

Signature M O P
(Authorized Certifying Officer)

Date 2-15-55 Vou. No. 1564
(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. E696 in accordance with the terms of the contract.

Signature (S) John D. Bardell Title Metallurgist Date July 11-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W. Goldoft Title Mining Engr. Date July 13-55

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 M[illegible]-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
JUL 19 1955

Month of June 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	1855.98 ~~$2206.98~~	54	1855.98 ~~$ 2,206.98~~	54	34.37 ~~$40.87~~	1900	34.47 ~~$40.87~~
Crosscutting	Feet			$22,500.00	750	$30.00	750	$30.00
Raising	Feet	$1568.40	30	$10,246.88	196	$52.28	300	$52.28
Shafts								
Winzes								
~~Mining Cut~~ Timbering	Feet			$ 2,288.00	352	$ 6.50	750	$ 6.50
Churn								
Auger								
~~Stripping~~ Roof Bolting	Bolt			$ 1,113.60	290	$ 3.84	290	$ 3.84
~~Trenching~~ Roof Bolting	Feet				184		184	
Test Pits								
~~Roads and Trails~~ Timbers on Rock bolt - Dublin cut drift		351.00	54	351.00	54	6.50	1900	6.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$3775.38		$38,355.46				143354.00

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

Date 7/8/55 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/S/ Stephen W Zoldok

INSTRUCTIONS

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

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

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

GPO 83-38475

Form M[illegible]04 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
JUN 24 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of MAY, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting		$22,500.00	$22,500.00			
Drifting						
Raising	$4496.08	4,182.40	8,678.48			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00			
Explosives						
Pipe						
Track						
Roof Bolting		1,113.60	1,113.60			
(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	$4496.08	$30,084.00	$ 34,580.08	4496.08	30084.00	34580.08

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 6/3/55 *Payee TRIUMPH MINING COMPANY
Per T M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 2248.04

Signature M&P
(Authorized Certifying Officer)

Date 6-20-55 Vou. No. 1583
(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. E6a96 in accordance with the terms of the contract.

Signature /S/ Alfred R Service Title Mining Eng Date 6-13-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Goldsp Title Mining Eng Date 6-16-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MT-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 24 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of MAY 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet			$ 22,500.00	750	$30.00	750	$30.00
Raising	Feet	$4496.08	86	8,678.48	166	$52.28	300	$52.28
Shafts								
Winzes								
~~Drilling & Core~~ Timbering	Feet			2,288.00	352	$ 6.50	750	$ 6.50
Churn								
Auger								
~~Stopping~~ Roof Bolting	Bolt			1,113.60	290	$ 3.84	290	$ 3.84
~~Trenching~~ Roof Bolting	Feet				184		184	
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		$4496.08		$ 34,580.08				143354.00

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

Date 6/3/55 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

151 Alfred R Service

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

Triumph Mining Co.
Contract Idm-E696
Docket No. DMEA 3394
May 1955

D.M.E.A PROJECT REPORT

During the month of May the 70-880 vertical raise was advanced 88 feet. The back is now 176 feet above the 700 Level track.

At a point 92 feet above the 700 track a 12 foot wide crushed zone of argillite and limestone was cut. This zone strikes N50°W and dips 25° to the SW. Although no mineral was cut in this zone at this particular location it is felt that this is very probably the structure we are looking for and that it should be explored.

Just over the wide crushed zone is 2 to 3 feet of crushed andesite porphyry which in turn is overlain by about 4 feet of crushed limestone. Overlying the crushed limestone on a definite flow contact is, approximately 22 feet of massive andesite porphyry, Above the porphyry, only bedded limestone has been cut. This limestone strikes N50°W and dips 40 to 45° to the SW.

No mineralization was cut in this 86 feet.

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

MAY 13 1955

Month of APRIL, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting		$22,500.00	$ 22,500.00		22500.00	22500.00
Drifting						
Raising	$4182.40		4,182.40	4182.40	— 0 —	4182.40
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		2,288.00	2,288.00		2288.00	2288.00
Explosives						
Pipe						
Track						
Roof Bolting		1,113.60	1,113.60		1113.60	1113.60
(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	$4182.40	$25,901.60	$ 30,084.00	4182.40	25901.60	30,084.00

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

Date 5/5/55 *Payee TRIUMPH MINING COMPANY

Per J. M. Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 2091.20

Signature M. A. P.
(Authorized Certifying Officer)

Date 5-10-55 Vou. No. 1510
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 696 in accordance with the terms of the contract.

Signature /s/ Stephen W Zoldok Title Mining Engr Date 5-9-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W Zoldok Title Mining Engr Date 5-9-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
MAY 13 1955

Month of APRIL 195 Docket No. DMEA 3394 Contract No I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet			$ 22,500.00	750	$30.00	750	$30.00
Raising	Feet	$4182.40	80	4,182.40	80	$52.28	300	$52.28
Shafts								
Winzes								
Drilling: Core								
Timbering	Feet			2,288.00	352	$ 6.50	750	$ 6.50
Churn								
Auger								
Stripping								
Roof Bolting	Bolt			1,113.60	290	$ 3.84	290	$ 3.84
Trenching								
Roof Bolting	Feet				184		184	
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS								
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$4182.40		$ 30,084.00				143 354.00

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 5/5/55 Operator TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ Stephen W Zoldok

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

DMEA PROJECT REPORT
APRIL 1955

During the month of April the last 9 feet of the slusher drift was completed for a total of 30 feet from the edge of the drift. From the end of the slusher drift a two compartment vertical raise was started and advanced a total of 80 feet. Thus the raise is now a total distance of 90 feet above the 700 track level.

A few small flat slips were cut in this 80 feet. The rock cut consists of interbedded argillites and limestones all lying almost flat. Considerable water was encountered the first 25 feet of the raise. At a point 17 feet up a small slip was cut which contain a little quartz with pyrites and a trace of ZnS.

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
APR 22 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals LEAD - ZINC
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$1200.00	$21,300.00	$22,500.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber ing	$ 136.50	$ 2,151.50	$ 2,288.00			
Explosives						
Pipe						
Track						
Roof Bolting	$1113.60	—	$ 1,113.60			
(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	$2450.10	$23,451.50	$25,901.60	2450.10	23451.50	25901.60

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

Date 4/5/1955 *Payee TRIUMPH MINING COMPANY

Per T. M. Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 1225 05

Signature M. D. P.
(Authorized Certifying Officer)

Date 4-15-55 Vou. No. 1486

(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. 6696 in accordance with the terms of the contract.

Signature /S/ Alfred P. Service Title Mining Engr Date 4-11-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr Date 4-12-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 22 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	$1200.00	40	$22,500.00	750	$30.00	750	$30.00
Raising								
Shafts								
Winzes								
Drilling: ~~Core~~ Timbering	Feet	$ 136.50	21	$ 2,288.00	352	$ 6.50	750	$ 6.50
Churn								
Auger								
~~Stripping~~ Roof Bolting	Bolt	$1113.60	290	$ 1,113.60	290	$ 3.84	290	$ 3.84
~~Trenching~~ Roof Bolting	Feet		184		184		184	
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		$2450.10		$25,901.60				143,354.00

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 4/5/1955 Operator TRIUMPH MINING COMPANY

Per J W Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

4-11-55

(For Government use only)

Isl Alfred R. Service

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

DMEA PROJECT REPORT
MARCH, 1955

During the month of March the main level cross-cut portion of this DMEA Project was completed. An advance of 45 feet was made bring the total advance of the cross-cut to 755 feet. In as much as the project called for only 750 feet only 40 feet of this 45 feet advance was charged to the project. The last 45 feet was all in hard bedded argillite and was untimbered.

A raise position was selected at a point 680 feet from the point of beginning or 75 feet from the face, and the cross-cut timbered up to this point for an additional 21 feet of timbering.

In the past a great deal of difficulty has been encountered at the Triumph Mine with raises, particularly long raises. The peculiarities of the rock and ore at the Triumph makes it almost impossible to keep and maintain chute gates of any sort in long raises. To offset this difficulty with the raise called for in this DMEA Project it is planned to drive a slusher drift from the cross-cut at cap height a distance of 30 feet at which point the vertical raise will be put up. This work will not be charged against the DMEA Project. To date 21 feet of this slusher drift has been driven.

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

Budget Bureau No. 42-R1036.5

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

Month of February, 1955 Docket No. DMEA 3394 Contract No. D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO
Contract Amount, $143,354.00 Government Participation: 50% Amount, $71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$3300.00	$18,000.00	$21,300.00	3300.00	18000.00	21300.00
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	$ 468.00	$ 1,683.50	$ 2,151.50	468.00	1683.50	2151.50
Explosives						
Pipe						
Track						
Roof Bolting	$1196.00	--	$ 1,196.00			
(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	$4964.00	$19,683.50	$24,647.50	3768.00	19683.50	23451.50

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

Date 3/5/1955 *Payee TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$1884.00

Signature M G P
(Authorized Certifying Officer)

Date 3-17-55 Vou. No. 1461
(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. E6916 in accordance with the terms of the contract.

Signature (S) Alfred P. Service Title Mining Engr Date 3-15-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W. Zoldok Title Mining Engr Date 3-15-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 195 55 Docket No. DMEA 3394 Contract No. I.D.M. 696

Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc

Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	$3300.00	110	$21,300.00	710	$30.00	750	$30.00
Raising								
Shafts								
Winzes								
~~Drilling: Core~~ Timberinb	Feet	$ 468.00	72	$ 2,151.50	331	$ 6.50	750	$ 6.50
Churn								
Auger								
~~Stripping~~ Roof Bolting	Feet	$1196.00	184	$ 1,196.00	184	$ 6.50	184	$ 6.50
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		$4964.00		$24,647.50				$143,354.00

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

Date 3/5/1955 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

DMEA Project Report

Advance during the month 110 feet. 72 feet timbered and 38 feet untimbered. Face at north coordinate 11675 and east coordinate 8760. First 60 feet in indistinct argillite, with some limestone, beds; one small fault cut which strikes N-S and dips 60° west. At north coordinate 11640 and east coordinate 8760 a gouge structure 1 to 2 feet wide was cut, and along which approximately 10 gallons of water per minute is making. This gouge structure has a mean strike of N80°W and dips 28° to the south. This structure contains an occasional trace of ZnS and quartz with pyrites. The footwall of this structure is a hard dense argillite with an occasional thin band of limestone. The last 60 feet is all in this hard footwall material. The total footage on this cross-cut is now 710 feet.

U.S. BUREAU OF MINES
E P
MAR 1 1 1955
SPOKANE, WASHINGTON

DMEA Field Team, Region I, NW District March 16, 1955

DMEA Certifying Officer, Region I

Triumph Mining Company, Contract Idm-2696, Monthly Operating Report for February 1955

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

An amount of $1,196.00 claimed for roof bolting has been deleted. The operator claimed 184 ft. of rock bolting at $6.50 per feet which conflicts with the method of payment outlined in Amendment No. 1 to the contract. The charge for rock bolting may be reclaimed by the operator either on a supplemental MF-104 or on the next monthly operating report submitted, provided the cost claimed is arrived at by showing the number of bolts used at $3.84 per bolt. The length of the section bolted should also be shown. The operator states in his letter of February 18, 1955 that he has placed 290 bolts. At $3.84 per bolt, this would result in a charge to the project of $1,113.60.

Myrtle Purdy

cc: DMEA (2)
USGS (2)
Wash. (2) ✓

Fi[redacted]404 (Rev.)
[redacted]d 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

Defense Minerals Administration
RECEIVED
FEB 21 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$3660.00	$14,340.00	$18,000.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber int	$ 733.50	$ 910.00	$ 1,683.50			
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	$4433.50	$15,250.00	$19,683.50	4433.50	15250.00	19683.50

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 2/10/55 *Payee TRIUMPH MINING COMPANY
Per T M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 2216 75

Signature M 2P
(Authorized Certifying Officer)

Date 2/16/55 Vou. No. 1440
(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. E6696 in accordance with the terms of the contract.

Signature /s/ Alfred R. Service Title Mining Eng. Date 2/14/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W. Zollock Title Mining Eng. Date 2/14/55

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 1962)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 21 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1955 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	$3660.00	122	$18,000.00	600	$30.00	750	$30.00
Raising								
Shafts								
Winzes								
~~Drilling: Core~~ Timbering	Feet	$ 773.50	119	$ 1,683.50	259	$ 6.50	750	$ 6.50
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		$4433.50		$19,683.50				$143,354.00

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

Date 2/10/55 Operator TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

D.M.E.A. for January 1955

Advance 122 feet. Face at north coordinate 11615 and east coodinate 8715. Cut a small structure at north coordinate 11548 and east coordinate 8628. This structure strikes N60°W and dips 15° to the SW and contains a little quartz with pyrites and an occasional trace of zinc. At north coordinate 11580 and east coordinate 8676 a flat dipping NW striking gouge structure was cut which also contains a little zinc. This advance has been thru a series of highly contorted argillites and limestones which are so fractured that timber was required the entire 122 feet.

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1954 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$2310.00	$12,030.00	$14,340.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	910.00		910.00			
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	$3220.00	$12,030.00	$15,250.00	3220.00	12030.00	15250.00

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

Date 1/7/55 *Payee TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 1610.00

Signature MOP
(Authorized Certifying Officer)

Date 1/19/55 Vou. No. 1414
(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. E696 in accordance with the terms of the contract.

Signature /s/ Alfred R. Service Title Mining Engr Date 1-14-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W. Goldoft Title Mining Engr Date 1-14-55

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-R1151.1
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
JAN 24 1955

Month of December 1954 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting	Feet	$2310.00	77	$14,340.00	478	$30.00	750	$30.00
~~Raising~~ Timbering	Feet	910.00	140	910.00	140	$ 6.50	750	$ 6.50
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		$3220.00		$15,250.00				

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

Date 1/7/55 Operator TRIUMPH MINING COMPANY

Per T M Robinson Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

70-820 CROSSCUT - Advance 77 feet. Face at north coordinate 11,540 east coordinate 8620. This advance was through a highly contorted series of interbedded limestone and argillite and directly below a flat rolling gouge which necessitated stopping the heading and timbering a total of 140 feet. Timber is at present being installed as the heading is advanced. The heading is at present cross-cutting a structure 6 to 7 feet in width striking approximated North 70° West and dipping 20°-25° southwest. Mineralization is in the form of 1 foot of ZnS and pyrite. Irregular lenses and pods of Qtz. in the handing wall of this structure also contained traces of silver and lead. The heading is making around 25 gallons of water per minute.

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
DEC 23 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of NOVEMBER, 1954 Docket No. DMEA 5392 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50 % Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$5,970.00	$6,060.00	$12,030.00	5970.00	6060.00	12030.00
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	$5,970.00	$6,060.00	$12,030.00	5970.00	6060.00	12030.00

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

Date 12/4/54 *Payee TRIUMPH MINING COMPANY

Per T M Robinson Title GENERAL MANAGER

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

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

(Instructions on reverse)

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

$ 2985.00

Signature M A P
(Authorized Certifying Officer)

Date 12/16/54 Vou. No. 1383
(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. E696 in accordance with the terms of the contract.

Signature /S/ Verda Z Johnson Title Mining Engr. Date 12/10/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr. Date 12/10/54

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1954 Docket No. DMEA 3394 Contract No. I.D.M. 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead - Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	$5,970.00	199	$12,030.00	401	$30.00	750	$30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$5,970.00		$12,030.00				$143,354.00

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 12/4/54 Operator TRIUMPH MINING COMPANY

Per T M Robinson Title GENERAL MANAGER

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 3 1954

MONTHLY REPORT OF OPERATION
DOCKET NO. DMEA 3394
CONTRACT no. I.D.M.696

MONTH OF NOVEMBER, 1954

During the month of November 199 feet of drifting was completed on this project. All of this 199 feet was untimbered. A number of small slips cut some of which are making water. Beds are some what contorted and consist of interbedded limestones and argillites. Some of the rock is somewhat shattered but still sufficiently hard to run the heading without timber. No mineralization cut.

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 October, 1954 Docket No. DMEA 3394 Contract No. IDM 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO
Contract Amount, $143,354.00 Government Participation: 50 % Amount, $71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$4770.00	$1290.00	$6060.00	[illegible]	[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	$4770.00	$1290.00	$6060.00	[illegible]	[illegible]	[illegible]

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

Date 11/5/54 *Payee TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

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

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

(Instructions on reverse)

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

$ 2385.00

Signature M 2P
(Authorized Certifying Officer)

Date 11/12/54 Vou. No. 1255
(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. E696 in accordance with the terms of the contract.

Signature 151 Verko Z Johnson Title Mining Engr Date 11/8/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 151 Stephen W Goldoft Title Mining Engr Date 11/9/54

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 October 1954 Docket No. DMEA 3394 Contract No. I.D.M. 696

Operator's Name Triumph Mining Company Minerals Lead-Zinc

Address Triumph, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	$4770.00	159	$6060.00	202	$30.00	750	$30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$4770.00		$6060.00				$143,354.00

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

Date 11/5/54 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

November 4 1954

Defense Minerals Exploration Administration
Region II
No. 157 Howard Street
Spokane, Washington

Re: Docket No. DMEA-3394(Lead-Zinc)
Triumph Mine
Blaine County, Idaho

Gentlemen:

Enclosed herewith are the original and four (4) copies each of the following for October 1954:

(a) Form MF104 Operator's Monthly Report and Voucher
(b) Form MF-104A Operator's Unit Cost & Progress Report
(c) Sketch showing advance and character of ground traversed.

Yours very truly

TRIUMPH MINING COMPANY

By L. M. Robinson
L. M. Robinson, Gen. Manager

LMR:mm

Encls.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 18 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of SEPTEMBER, 1954 Docket No. DMEA 3394 Contract No. IDM 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO
Contract Amount, $ 143,354.00 Government Participation: 50% Amount, $ 71,677.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$1290.00	none	$1290.00	1290.00	—0—	1290.00
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	$1290.00	none	$1290.00	1290.00	—0—	1290.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10/8/54 *Payee TRIUMPH MINING COMPANY
Per T M Robinson Title GENERAL MANAGER

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

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

(Instructions on reverse)

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

$ 645.00

Signature MJP
(Authorized Certifying Officer)

Date 10/13/54 Vou. No. 1318
(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. E6696 in accordance with the terms of the contract.

Signature /S/ Verdo Z Johnson Title Mining Eng Date 10/12/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E Haward Title Mining Eng Date 10/12/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 18 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of SEPTEMBER 1954 Docket No. DMEA 3394 Contract No. IDM 696
Operator's Name TRIUMPH MINING COMPANY Minerals Lead-Zinc
Address TRIUMPH, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	feet	$1290.00	43	$1290.00	43	30.00	750	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1290.00		$1290.00				$143,354.00

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 8, 1954 Operator TRIUMPH MINING COMPANY

Per J M Robinson Title GENERAL MANAGER

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

October 8, 1954

Defense Minerals Exploration Administration
Region II
Sp. 157 Howard Street
Spokane, 4, Washington

Re: Docket No. D.M.E.A.-3394(Lead-Zinc)
Triumph Mine
Blaine County, Idaho

Gentlemen:

Part (c) Narrative to accompany Progress Report on advance made on the above project during September 1954.

It will be noted that the cross cut phase of this project was started September 21, 1954 at Survey Station 7384 plus 8 feet. The face of this cross-cut (70-820) was advanced 43 feet during September through gently dipping argillite beds with a few interbedded limestone and quartzite bands.

Yours very truly,

TRIUMPH MINING COMPANY

By L. M. Robinson
L. M. Robinson, Gen. Manager

LMR:mr

November 21, 1957

Memorandum

To: Mr. Jay Chambers, Director
Division of Contract Administration and Audit

From: Director, Division of Base Metals

Subject: Docket No. DMEA-3394, Triumph Mining Company,
Triumph Mine, Blaine County, Idaho,
Contract No. Ida-2696, Lead-Zinc.

The cited project may be regarded as having been finalized. No terminating letter will be sent.

W. R. Griswold

W. R. Griswold

WRG/er
Copy to: Docket
Adar R File
Chron.

Government's copy

RECEIVED
JUN - 1 1956

TERMINATION AGREEMENT

It is agreed this 7th day of May, 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Triumph Mining Company, hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-E696 (Docket No. DMEA-3394), dated August 9, 1954, hereinafter called the "Contract," that:

1. Effective April 15, 1956, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account, and shall keep and preserve records as required by the Contract.

4. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in this termination agreement.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By O Mittendorf
Administrator, Defense Minerals
Exploration Administration

TRIUMPH MINING COMPANY

By T M Robinson
Title Gen. Manager

GOVERNMENT COPY

AMENDMENT NO. 2

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It is agreed this 30th day of April 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and

Triumph Mining Company

Docket No. DMEA-3394 (lead-zinc)

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 696 of August 9 1954 between the parties hereto be modified and amended as described in Exhibit "F" attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be May 1 1955.

This amendment is made by authority granted the Executive Officer, DMEA Field Team, Region ~~II~~ I, NW District in Order No. ~~2684~~ 2808 by the ~~Acting~~ Secretary of the Interior.

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

Executed in sextuplicate the day and year first above written.

TRIUMPH MINING COMPANY
(Operator)

By J M Robinson

THE UNITED STATES OF AMERICA

By A E Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region ~~II~~ I, NW Dist.

Exploration Project Contract
Triumph Mining Company
Docket No. DMEA-3394

RECEIVED
JUN - 1 1956

Amendment No. 2

Exhibit "F"

Changes and modifications:

1. In Exhibit "A" of the contract under Description of the Work, Stage II,

delete

1. A maximum of 1,900 feet of sublevel drifting shall be done from the top of the raise described under Stage I. Such sublevel drift shall have a minimum size of 5 feet by 7 feet in the clear of timber.

substitute

1. A maximum of 1,881 feet of sublevel drifting shall be done from the top of the raise described under Stage I. Such sublevel drift shall have a minimum size of 5 feet by 7 feet in the clear of timber.

add

3. Enlarge the drift on the 540 level at the 2-compartment raise a distance of 9 feet north of the raise and 10 feet south of the raise on the west side to provide working space at the raise. The enlargement shall be not less than 5 feet by 7 feet in the clear of the timber.

2. Under Agreed Unit Costs of the Project

delete

1,900 feet of sublevel drifting @ $34.47/ft.	$65,493.00
1,900 feet of timbering and/or rock bolting for sublevel drift @ $6.50/ft. 1/	12,350.00

substitute

1,881 feet of sublevel drifting @ $34.47/ft.	$64,838.07
1,881 feet of sublevel timbering and/or rock bolting @ $6.50/ft. 1/	12,226.50
19 feet of 5'x7' drift enlargement @ $34.47/ft.	654.93
19 feet of timbering and/or rock bolting of drift enlargement @ $6.50/ft. 1/	123.50

1/ Rock bolting shall be paid for at the rate of $3.84 per bolt placed but payment for rock bolting shall not exceed $6.50 per linear foot of crosscutting, sublevel drifting or dip raise that is rock bolted.

Exploration Project Contract
Triumph Mining Company
Docket No. DMEA-3394

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JUN - 1 1956

Justification of Amendment No. 2

It was necessary to enlarge the sublevel drift at the 540 level at the head of the 2-compartment raise to provide working space to unload electric trammers, mucking machines, mine cars and equipment hoisted from the main level through the raise. Unused sublevel drifting funds should be used for this enlargement. This work is for the mutual benefit of the Government and Operator and does not increase the amount of the contract.

John D. Bardill

C
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P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
July 14, 1955

Mr. L. M. Robinson, Gen. Mgr.
Triumph Mining Company
Triumph, Idaho

Re: Docket No. DMEA 3394 (lead-zinc)
Triumph Mining Company
Blaine County, Idaho
Contract No. Idm-E696

Dear Mr. Robinson:

This is your authority to proceed with the work under Stage II of the subject contract.

By Field Team, Region I, NW District

Wing G. Agnew, Acting Executive Officer
U. S. Geological Survey

Verne C. Fryklund, Jr., Member
U. S. Geological Survey

Government copy

AMENDMENT NO. 1

It is agreed this 1st day of March 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and

Triumph Mining Company, an Idaho Corporation

(Docket No. DMEA 3394, lead-zinc)

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 696 of August 9 1954 between the parties hereto be modified and amended as described in Exhibit "F" attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be August 9 1954.

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

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

Executed in sextuplicate the day and year first above written.

TRIUMPH MINING COMPANY
(Operator)

By T M Robinson

THE UNITED STATES OF AMERICA

By A E Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region ~~II~~ I
Northwest District

TRIUMPH MINING COMPANY
Exploration Project Contract Idm-E696
Docket No. DMEA 3394 (lead-zinc)

MAR 17 1955

Amendment No. 1

Exhibit "F"

Changes and modifications

1. In Exhibit "A" of the contract under Description of the Work, add to the last paragraph

"or supported by rock bolts not less than 5 feet in length."

2. Under Agreed Unit Costs of the Project

delete	- 750 feet of timbering for crosscut @ $6.50/ft.	4,875.00
substitute	- 750 feet of timbering and/or rock boltings for crosscut @ $6.50/ft. 1/	4,875.00
delete	- 1,900 feet of timbering for sublevel drift @ $6.50/ft.	12,350.00
substitute	- 1,900 feet of timbering and/or rock bolting for sublevel drift @ $6.50/ft. 1/	12,350.00
delete	- 600 feet of timbering for dip raise at $6.50/ft.	3,900.00
substitute	- 600 feet of timbering and/or rock boltings @ $6.50/ft. 1/	3,900.00

add - Footnote 1/
Rock bolting shall be paid for at the rate of $3.84 per bolt placed but payment for rock bolting shall not exceed $6.50 per linear foot of crosscutting, sublevel drifting or dip raise that is rock bolted.

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TRIUMPH MINING COMPANY
Exploration Project Contract Idm-E696
Docket No. DMEA 3394 (lead-zinc)

Justification of Amendment No. 1

Although the Operator's experience is that rock bolting costs more per foot of heading than does timbering, he requests rockbolting in lieu of timbering since he can advance his exploration headings concurrently with rock bolting which he cannot do with timbering.

The Government will benefit if rock bolting is used by an increased rate of advance, and the amendment will not increase the unit costs allowed in the contract.

S. W. Zoldok

Contract No. Idm-E696

Docket No. 3394

DEPARTMENT OF THE INTERIOR

Terminated contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
August 9, 1954	I RV	Idaho	Lead - Zinc

Name and Address of Operator: Triumph Mining Co.
Triumph, Idaho

	Reserve	Obligation
Prior Amount	0	$80,620.00
Increase	0	0
Decrease	0	$12,214.26
Revised Amount	0	$68,405.74

Remarks:

(Name)
Robert B. Adams, Chief
Operations Control and
Statistics Division
(Title)

Date Delivered to Bureau of Mines, Washington 6/21/56

98963

Docket No. 3394

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 696

Date of Contract or Amendment: December 23, 1955

Name and Address of Operator:

Triumph Mining Co.
Triumph, Idaho

Amount of Government participation ____ $ 80,620.00

Percent of Government participation 50 %

Region: I NW State: Idaho

Note: Please release $8,943.00. Amendment withdrawn.

E. D. Talbert
(Name)
for J. L. Chambers, Chief
Contract Administration and
Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. 1/16/56

54458

Docket No. 3394

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 696
Amended Contract
Date of ~~[illegible]~~: December 23, 1955

Name and Address of Operator:

Triumph Mining Co.
Triumph, Idaho

Amount of Government participation ____ $80,620.00

Percent of Government participation 50 %

Region: I NW State: Idaho

Note: This document establishes the obligation shown above and cancels the previous obligation of $71,677.00.

C. E. Fisher
(Name)

for J. L. Chambers, Chief
Contract Administration and
Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. 12/28/55

54458

Docket No. ~~DMEA - 3394~~

Commodity ~~Lead - Zinc~~

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 696

Date of Contract ~~or Amendment:~~ August 9,1954

Name and Address of Operator:

Triumph Mining Co., an Idaho Corp.
Triumph, Idaho

Amount of Government participation ____ $ 71,677.00

Percent of Government participation 50 %

Region: 11 State: Idaho

(Name)
J. L. Chambers
Chief, Contract Administration and Audit Divi sion

(Title)

Date Delivered to Bureau of Mines, Washington.

8/9/54 54458

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

August 4, 1954

Memorandum

To: Chairman, Operating Committee

From: Jay L. Chambers, Chief (Signed) J. L. Chambers
Contract Administration and Audit Division

Subject: Docket No. DMEA-3394 (Lead-Zinc)
Triumph Mining Company, Triumph Mine
Blaine County, Idaho

I have surnamed the accompanying contract. I want to call attention however again to the fact that it would, in my opinion, be to the best interest of the Government to make contracts of this kind on a maximum cost basis, rather than an agreed unit cost basis.

All the cost items in this contract were figured by the Company and accepted by the Government as submitted. The only change is a small reduction in one type of work. A maximum unit cost contract limits the amount of money which the Government will pay and has the advantage of saving for the Government any costs below the estimates.

Attachment

JLChambers/wb
August 4, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers

MF-200 (A)
(February 1952)

DOCKET NO. D[redacted]A 3394

COMMODITY Lead-Zinc

IDM - E 696
Government copy

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 9th day of August, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Triumph Mining Company, an Idaho Corporation, Triumph, Idaho

hereinafter called the "Operator," ~~xxxxxx~~ as set forth in Annexes I and II, attached hereto and made a part hereof, and as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Idaho, County of Blaine, described ~~xxxxxxx~~ As set forth in Annex I. The land is indicated by shading on the map attached hereto, and made a part hereof, entitled "Triumph Mining Co. Claim Map D.M.E.A. 3394."

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

(*b*) ~~[illegible]~~
The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Lead-Zinc

in or upon the described land; and shall bring the project to completion within a period of 2 years from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 50 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $71,677.00, which is 50 percent of $143,354.00 the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

16—66329-1

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations. See Annex II substituted for Article 6.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* That part of the second sentence in Article 7 beginning with the word "Provided" is deleted.

Executed in sextuplicate the day and year first above written.

TRIUMPH MINING COMPANY
(Operator)

By L M Robinson
L. M. Robinson

THE UNITED STATES OF AMERICA

By O Mitchendorf
Administrator, Defense Minerals Exploration Administration

I, Herbert Shear, certify that I am the Assistant secretary of the corporation named as Operator herein; that L. M. Robinson, who signed this contract on behalf of the Operator, was then General Manager of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Herbert Shear
Herbert Shear

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

EXPLORATION PROJECT CONTRACT
TRIUMPH MINING COMPANY
DOCKET NO. DMEA-3394

ANNEX I

The land referred to in Article 2 of the contract and in Annex II covers all or parts of the following claims:

Patented Claims

Edham Pasha	Hamidal
Ben Harrison	Domski
Western	Mayleaf
Eula	Oro
Silver Bullion	Teller
Smolenski	Helen Fraction

Unpatented Claims

Fraction (recorded in Book No. 131, on page 380, in the office of the Recorder of Blaine County, Idaho)

Silver (recorded in Book No. 101, on page 400, in the office of the Recorder of Blaine County, Idaho)

The land is described by metes and bounds as follows:

See: SUPPLEMENT TO ANNEX I

SUPPLEMENT TO ANNEX I

The land is described by metes and bounds as follows:

Beginning at a point which is located within the Edhem Pasha Lode claim which point is located at Triumph coordinate 11255 North and 8245 East; thence, west 167.66 feet to a point on the west end line of the Edhem Pasha Lode claim which point is located at Triumph coordinates 11255.00 north and 8077.34 east; thence, N7°W 793.32 feet along the west end line of the Edhem Pasha Lode claim to tne NW or #25 corner of the Edhem Pasha Lode claim which point is located at Triumph coordinates 12,042.39 north and 7,980.66 east; thence N45°W 302.8 feet along the SW side line of the Ben Harrison Lode claim to the NW or #16 corner of the Ben Harrison Lode claim which point is located at Triumph coordinates 12,256.50 North and 7,766.55 east; thence, N83°E 705.18 feet along the north end line of the Ben Harrison Lode claim to the west end line of the Eula Lode Claim which point is located at Triumph coordinates 12,342.44 north and 8,466.48 east; thence, N16°W 300.13 feet along the west end line of the Eula Lode claim to theNW or #2 corner of the Eula Lode claim which point is located at Triumph coordinates 12,630.96 north and 8,383.84 east; thence, N71°38'E 1500 feet along the north side line of the Eula Lode claim to the NE or #3 corner of the Eula Lode Claim which point is located at Triumph coordinates 13,103.61 north and 9,807.43 east; thence, S16°E 457.75 feet along the east end line of the Eula Lode claim to the north side line of the Silver Lode claim which point is located at Triumph coordinates 12,663.60 north and 9,933.60 east; thence, N62°1'E 819.8 feet along the north end line of the Silver Lode claim to the NE corner of the Silver Lode claim which point is located at Triumph coordinates 13,048.26 north and 10,657.55 east; thence, S26°28'E 336.61 feet along the east end line of the Silver Lode claim to the NE or #7 corner of the Smolenski Lode claim which point is located at Triumph coordinates 12,746.53 north 10,807.57 east; thence, S45°E 1165 feet along the east end lines of the Smolenski and the Haimdal Lode claims to the SE of #4 corner of the Haimdal Lode claim which point is located at Triumph coordinates 11,922.75 north and 11,631.35 east; thence, S75°W 288.2 feet along the south side line of the Haimdal Lode claim to the east end line of the Domski Lode claim which point is located at Triumph coordinates 11,848.16 north and 11,352.97 east; thence, S7°E 463.2 feet along the east end line of the Domski Lode claim to the SE or #2 corner of the Domski Lode claim which point is located at Triumph coordinates 11,389.62 north and 11,409.19 east; thence, S63°30'W 636.5 feet along the SE side line of the Domski Lode claim to the South or #3 corner of the Domski Lode claim which point is located at Triumph coordinates 11,109.35 north and 10,838.94 east; thence, S 7°E 281.45 feet along the east side line of the Mayleaf Lode claim to a point on said side line which is located at Triumph coordinates 10,820.00 north and 10,873.24 east; thence, east 1130.24 feet across the Mayleaf Lode claim and part of the Oro Lode claim to a point in the Oro Lode claim which is located at Triumph coordinates 10820 North and 9743 east; thence, N73°48'W 1551 feet across the Oro Lode claim, the Fraction Lode claim and the Edhem Pasha Lode claim to the point of beginning.

EXPLORATION PROJECT CONTRACT
TRIUMPH MINING COMPANY
DOCKET NO. DMEA-3394

ANNEX II

The following provisions are in lieu of Article 6:

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

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

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

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

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

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

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

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

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

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

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

58694

EXPLORATION PROJECT CONTRACT
TRIUMPH MINING COMPANY
DOCKET NO. DMEA-3394

EXHIBIT "A"

Description of the Work

The work is partly delineated on the attached Claim Map referred to in Article 2 and consists of the following:

Stage I

1. Crosscut a maximum distance of 750 feet from the present face of the number 70-820 crosscut, which is located at coordinates 11255 north and 8245 east on the main haulage level of the Triumph mine. The crosscut shall be driven on a course approximately north 55° east. The crosscut shall have cross-sectional dimensions of not less than 5 feet by 7 feet in the clear of timber.

2. At a point about 700 feet from the start of the crosscut specified in the preceding paragraph, or at such other location as may be approved by the Government, drive a vertical raise a maximum distance of 300 feet. Such raise shall be not less than 5 feet by 8 feet in cross-sectional dimension in the clear of timber, and shall have two timbered compartments.

Stage II

Subject to the prior approval of the Government:

1. A maximum of 1,900 feet of sublevel drifting shall be done from the top of the raise described under Stage I. Such sublevel drift shall have a minimum size of 5 feet by 7 feet in the clear of timber.

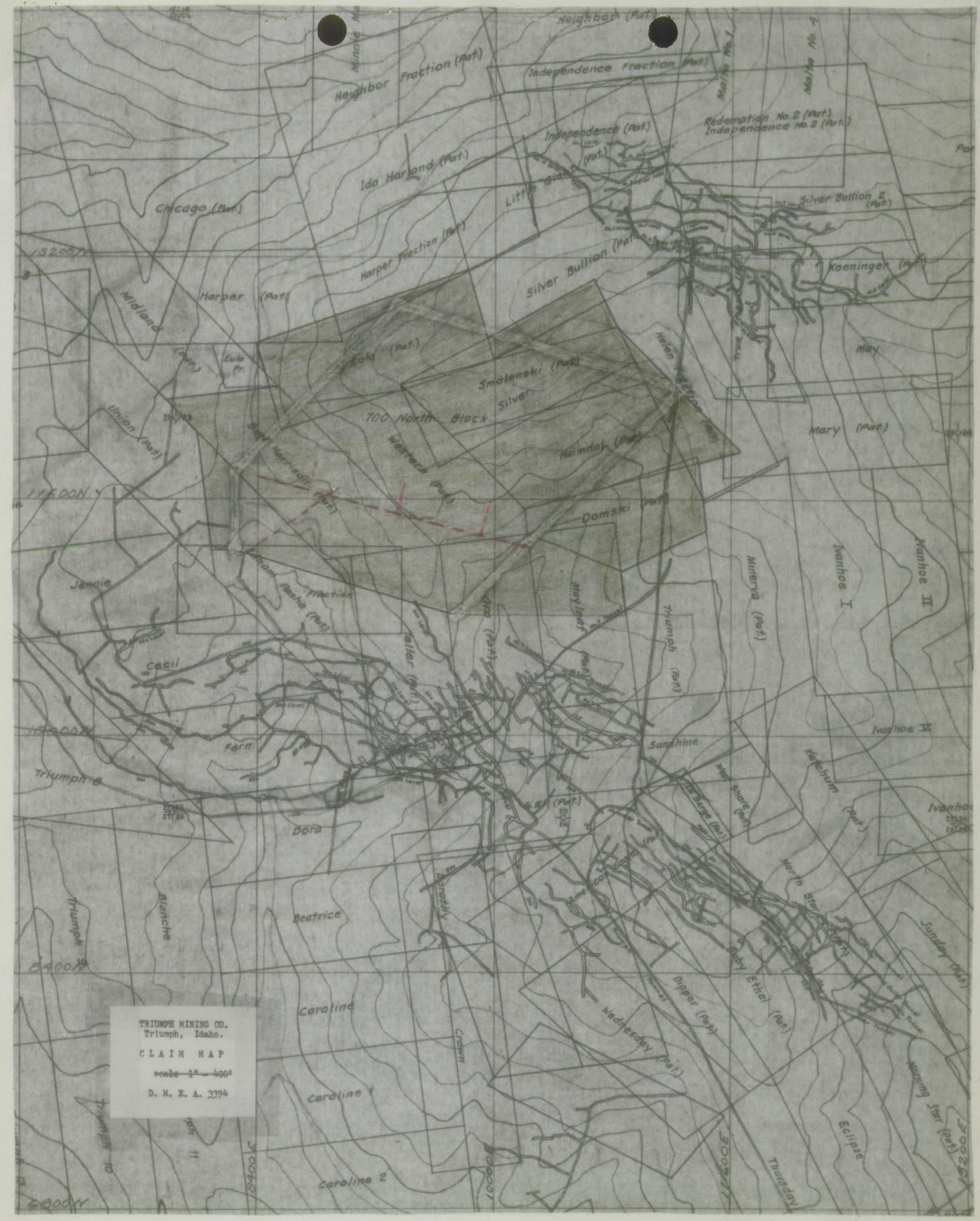
2. From the sublevel drift specified in the preceding paragraph, a maximum of 600 feet of exploratory dip raising shall be done from locations approved by the Government. The dip raises shall have cross-sectional dimensions not less than 5 feet by 7 feet in the clear of timber.

The location, direction, and extent of all work under the contract are subject to the approval of the Government.

All workings under Stages I and II shall be timbered where necessary, with standard drift sets.

Agreed Unit Costs of the Project

750 feet of main level crosscut @ $30.00/ft.	$22,500.00	
750 feet of timbering for crosscut @ $6.50/ft.	4,875.00	
300 feet of two-compartment, vertical raise @ $52.28/ft.	15,684.00	
1,900 feet of sublevel drifting @ $34.47/ft.	65,493.00	
1,900 feet of timbering for sublevel drift @ $6.50/ft.	12,350.00	
600 feet of dip raise @ $30.92/ft.	18,552.00	
600 feet of timbering for dip raise at $6.50/ft.	3,900.00	
Estimated Total Cost of Project		$143,354.00
Government Participation at 50%		$71,677.00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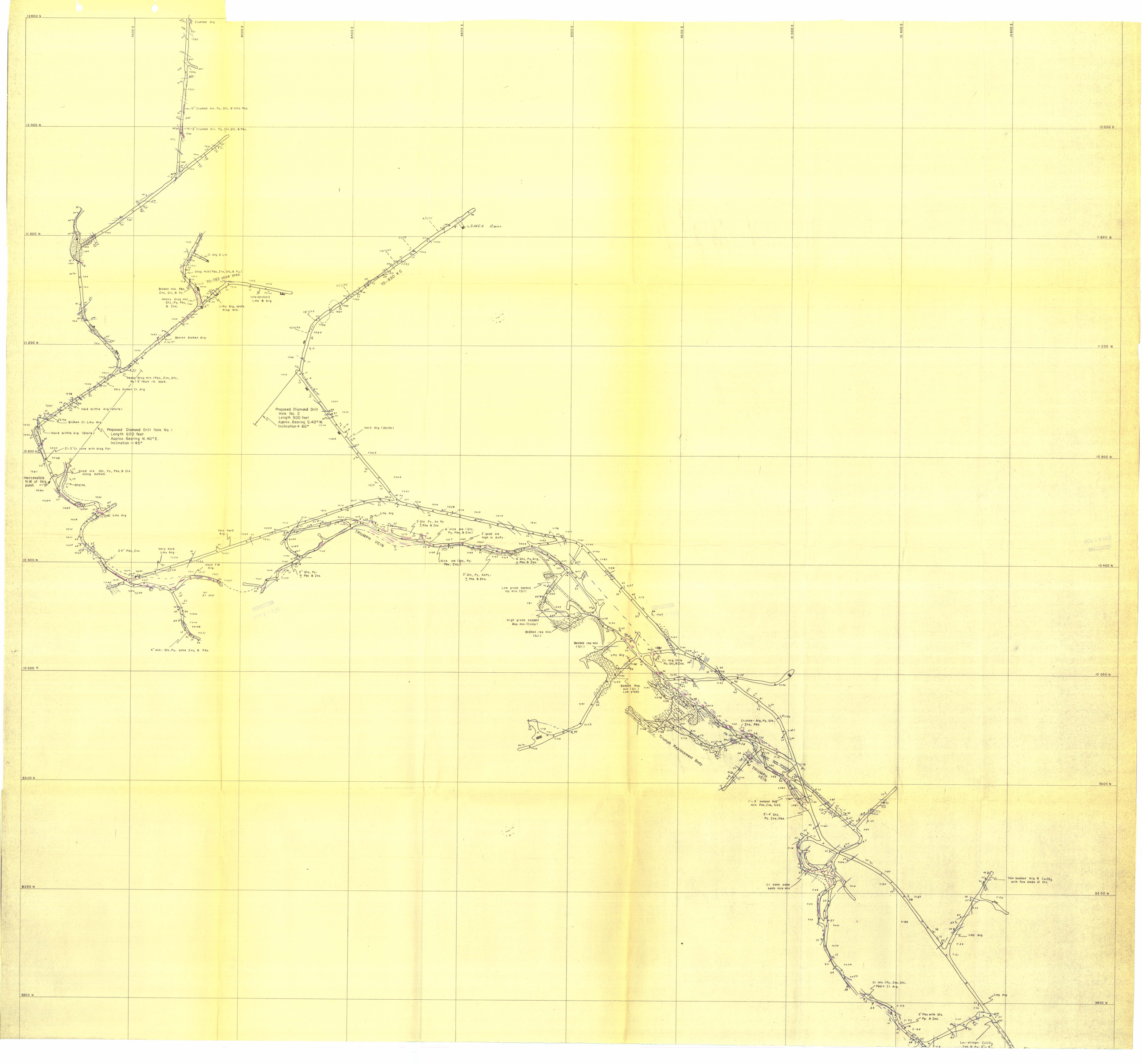
Neighbor Fraction (Pat.)
Independence Fraction (Pat.)
Redemption No. 2 (Pat.)
Independence No. 2 (Pat.)
Independence (Pat.)
Ida Harland (Pat.)
Little Giant
Silver Bullion Z (Pat.)
Chicago (Pat.)
Harper Fraction (Pat.)
Silver Bullion (Pat.)
Koeninger (Pat.)
Harper (Pat.)
Midland
Zola (Pat.)
Smolenski (Pat.)
Helen
May
Silver
700 North Block
Mary (Pat.)
Union (Pat.)
Weiss (Pat.)
Domski (Pat.)
Jamie
Minerva (Pat.)
Ivanhoe I
Ivanhoe II
Cecil
Teller (Pat.)
Triumph (Pat.)
Ivanhoe V
Fern
Sunshine
Triumph
Dora
Ketchum (Pat.)
Ivanhoe
Blanche
Beatrice
Sunday (Pat.)
Ethel (Pat.)
Dipper (Pat.)
Wednesday (Pat.)
Caroline
Caroline 1
Caroline 2
Eclipse
Thursday
Morning Star (Pat.)
TRIUMPH MINING CO.
Triumph, Idaho.
CLAIM MAP
~~scale 1" = 400'~~
D. M. E. A. 3394


12400 N
12000 N
11600 N
11200 N
10800 N
10400 N
10000 N
9600 N
9200 N
8800 N
7600 E
8000 E
8400 E
8800 E
9200 E
9600 E
10000 E
10400 E
10800 E
Crushed Arg.
12" Crushed min. Py, Qtz, & little Pbs.
2" Crushed min. Py, Zns, Qtz. & Pbs.
Cr. Arg. & Lm.
Drag min. (Pbs, Zns, Qtz, & Py.)
70-783 stope area.
Broken min. Pbs, Zns, Qtz, & Py.
Heavy drag min. Qtz, Py, Pbs, & Zns.
Limy Arg. spots drag min.
Interbedded Lms & Arg.
Barren broken Arg.
Heavy drag min. (Pbs, Zns, Qtz, Py.) 5' thick in back.
Very broken Cr. Arg.
Hard brittle Arg. (Qtzite)
Broken Cr. Lmy. Arg.
Hard brittle Arg. (Qtzite)
Proposed Diamond Drill Hole No. 1
Length 600 feet
Approx. Bearing N. 40° E.
Inclination - 45°
2-3' Cr. zone with drag Por.
Good ore Qtz, Py, Pbs, & Zns along bottom
Inaccessible N.W. of this point.
Qtzite.
Lmy Arg.
2-4" Pbs, Zns.
Very hard Lmy Arg.
Very hard Arg.
Hard FW Arg.
2' HW
4" min. - Qtz, Py, some Zns, & Pbs.
5" Qtz, Py. ± Pbs & Zns.
Lmy Arg.
TRIUMPH VEIN
3' Qtz Py, As Py ± Pbs & Zns
6' nice ore (Qtz, Py, Pbs, & Zns)
3' good ore high in AsPy.
Nice ore (Qtz, Py, Pbs, Zns.)
3' Qtz, Py, AsPy, ± Pbs & Zns.
6' Qtz, Py, Arg. ± Pbs, & Zns.
Low grade bedded rep. min. (Sil)
High grade bedded Rep. min. (Comp)
Bedded rep. min. (Sil)
Bedded rep. min (Sil.)
Lmy Arg.
Bedded Rep. min (Sil.) Low grade.
Cr. Arg. little Py, Qtz, & Zns.
Cr. zone - Arg, Py, Qtz, Zns, Pbs.
Triumph Replacement Body.
TRIUMPH VEIN
1'-3' bedded Rep. min. Pbs, Zns, Sbs.
3'-4' Qtz, Py, Zns, Pbs.
Cr. zone some spots nice min.
Thin bedded Arg & CuCO3 with few blebs of Qtz.
Lmy Arg.
Cr min. (Py, Zns, Qtz, Pbs) + Cr. Arg.
Lmy Arg.
2' Pbs. with Qtz. Py. & Zns.
Lm - stringer CuCO3 Zns. & Py. 2" - 4"
DMEA Raise
70-820 XC

TRIUMPH MINE
Blaine County, Idaho

Geologic Plan

Triumph 700 Level

Scale 1" = 100

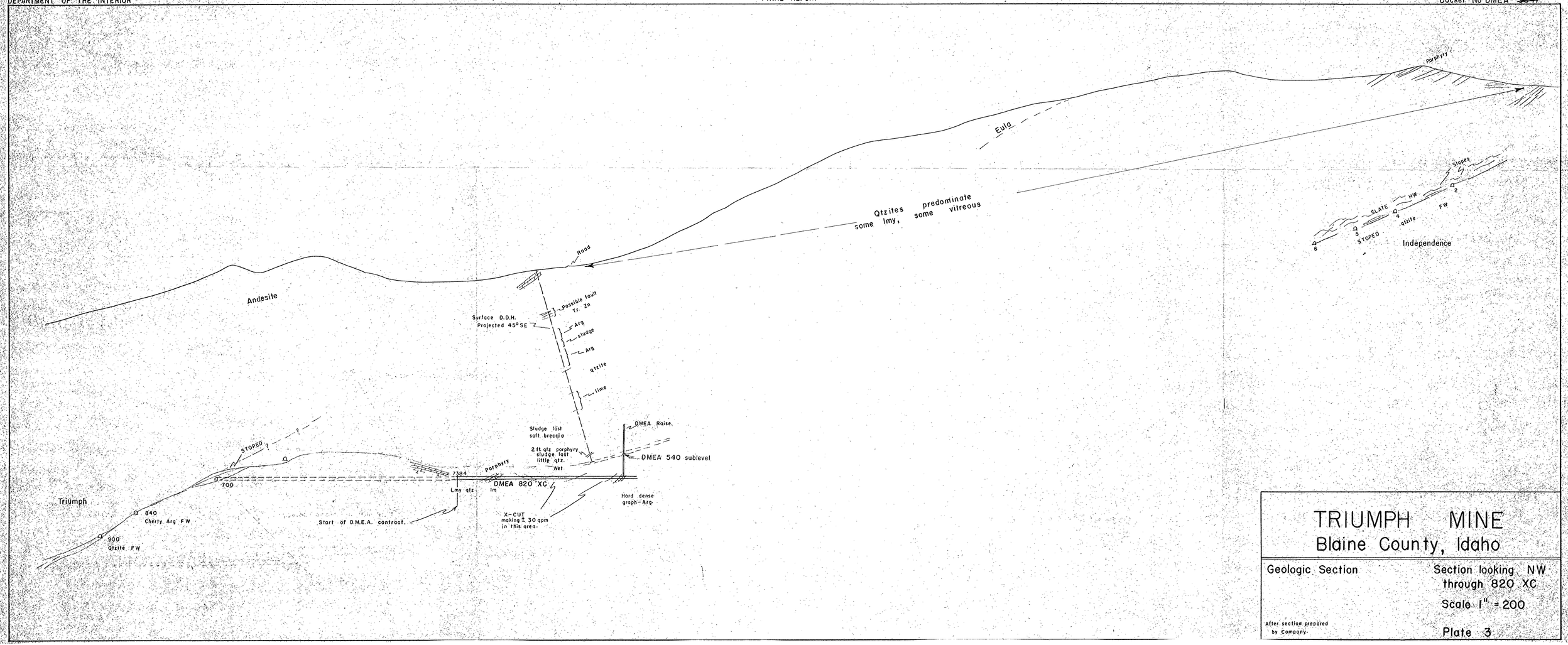
Compiled from Company 50 scale Geologic Maps.

Plate 2

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
FINAL REPORT

Docket No DMEA 3394



TRIUMPH MINE
Blaine County, Idaho

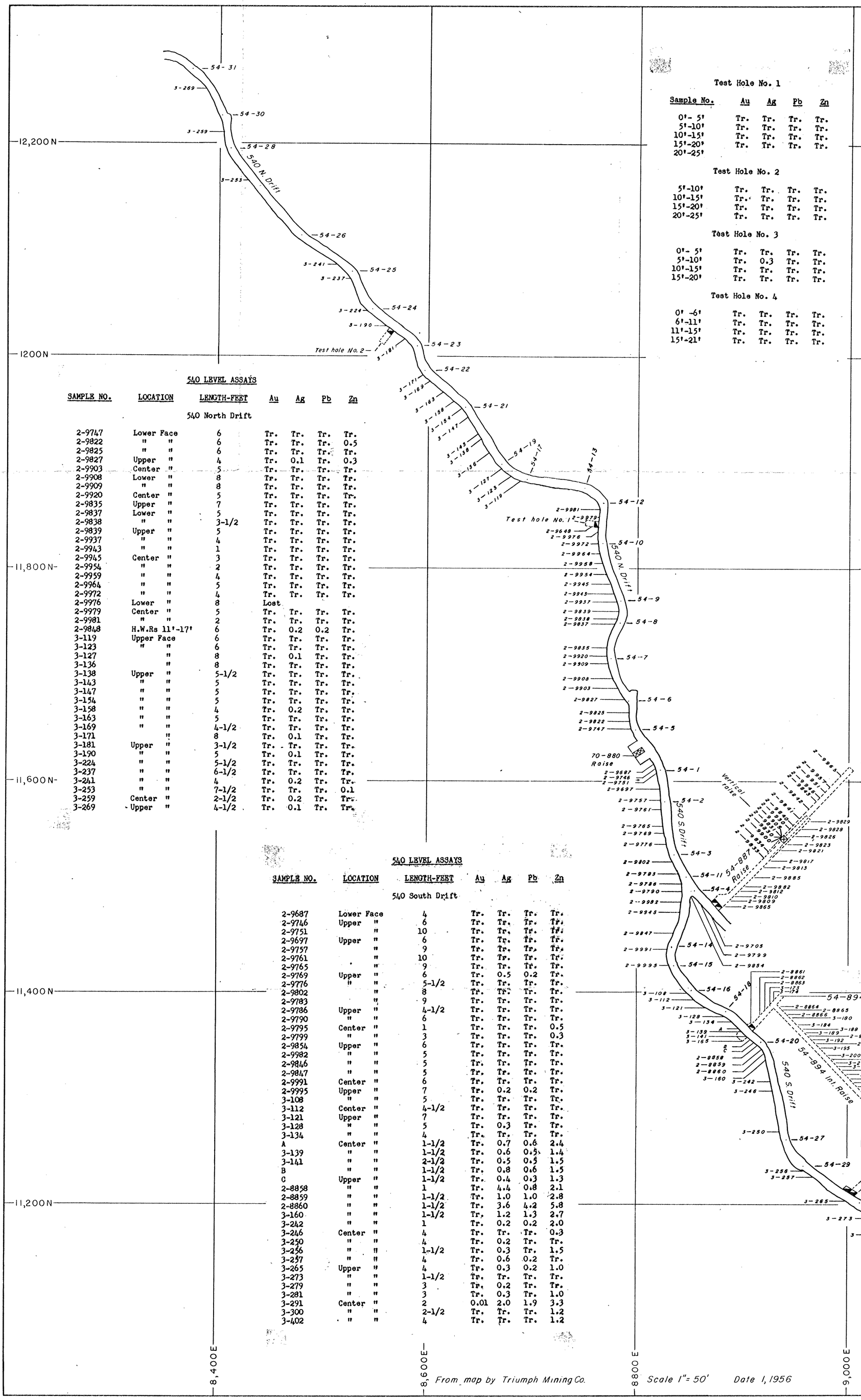
Geologic Section

Section looking NW
through 820 XC

Scale 1" = 200

After section prepared
by Company.

Plate 3



From map by Triumph Mining Co. Scale 1"= 50' Date 1, 1956

540 LEVEL ASSAYS

SAMPLE NO.	LOCATION	LENGTH-FEET	Au	Ag	Pb	Zn
		540 North Drift				
2-9747	Lower Face	6	Tr.	Tr.	Tr.	Tr.
2-9822	" "	6	Tr.	Tr.	Tr.	0.5
2-9825	" "	6	Tr.	Tr.	Tr.	Tr.
2-9827	Upper "	4	Tr.	0.1	Tr.	0.3
2-9903	Center "	5	Tr.	Tr.	Tr.	Tr.
2-9908	Lower "	8	Tr.	Tr.	Tr.	Tr.
2-9909	" "	8	Tr.	Tr.	Tr.	Tr.
2-9920	Center "	5	Tr.	Tr.	Tr.	Tr.
2-9835	Upper "	7	Tr.	Tr.	Tr.	Tr.
2-9837	Lower "	5	Tr.	Tr.	Tr.	Tr.
2-9838	" "	3-1/2	Tr.	Tr.	Tr.	Tr.
2-9839	Upper "	5	Tr.	Tr.	Tr.	Tr.
2-9937	" "	4	Tr.	Tr.	Tr.	Tr.
2-9943	" "	1	Tr.	Tr.	Tr.	Tr.
2-9945	Center "	3	Tr.	Tr.	Tr.	Tr.
2-9954	" "	2	Tr.	Tr.	Tr.	Tr.
2-9959	" "	4	Tr.	Tr.	Tr.	Tr.
2-9964	" "	5	Tr.	Tr.	Tr.	Tr.
2-9972	" "	4	Tr.	Tr.	Tr.	Tr.
2-9976	Lower "	8	Lost			
2-9979	Center "	5	Tr.	Tr.	Tr.	Tr.
2-9981	" "	2	Tr.	Tr.	Tr.	Tr.
2-9848	H.W.Rs 11'-17'	6	Tr.	0.2	0.2	Tr.
3-119	Upper Face	6	Tr.	Tr.	Tr.	Tr.
3-123	" "	6	Tr.	Tr.	Tr.	Tr.
3-127	"	8	Tr.	0.1	Tr.	Tr.
3-136	"	8	Tr.	Tr.	Tr.	Tr.
3-138	Upper "	5-1/2	Tr.	Tr.	Tr.	Tr.
3-143	" "	5	Tr.	Tr.	Tr.	Tr.
3-147	" "	5	Tr.	Tr.	Tr.	Tr.
3-154	" "	5	Tr.	Tr.	Tr.	Tr.
3-158	" "	4	Tr.	0.2	Tr.	Tr.
3-163	" "	5	Tr.	Tr.	Tr.	Tr.
3-169	" "	4-1/2	Tr.	Tr.	Tr.	Tr.
3-171	"	8	Tr.	0.1	Tr.	Tr.
3-181	Upper "	3-1/2	Tr.	Tr.	Tr.	Tr.
3-190	" "	5	Tr.	0.1	Tr.	Tr.
3-224	" "	5-1/2	Tr.	Tr.	Tr.	Tr.
3-237	" "	6-1/2	Tr.	Tr.	Tr.	Tr.
3-241	" "	4	Tr.	0.2	Tr.	Tr.
3-253	" "	7-1/2	Tr.	Tr.	Tr.	0.1
3-259	Center "	2-1/2	Tr.	0.2	Tr.	Tr.
3-269	Upper "	4-1/2	Tr.	0.1	Tr.	Tr.

540 LEVEL ASSAYS

SAMPLE NO.	LOCATION	LENGTH-FEET	Au	Ag	Pb	Zn
		540 South Drift				
2-9687	Lower Face	4	Tr.	Tr.	Tr.	Tr.
2-9746	Upper "	6	Tr.	Tr.	Tr.	Tr.
2-9751	"	10	Tr.	Tr.	Tr.	Tr.
2-9697	Upper "	6	Tr.	Tr.	Tr.	Tr.
2-9757	"	9	Tr.	Tr.	Tr.	Tr.
2-9761	"	10	Tr.	Tr.	Tr.	Tr.
2-9765	"	9	Tr.	Tr.	Tr.	Tr.
2-9769	Upper "	6	Tr.	0.5	0.2	Tr.
2-9776	" "	5-1/2	Tr.	Tr.	Tr.	Tr.
2-9802	"	8	Tr.	Tr.	Tr.	Tr.
2-9783	"	9	Tr.	Tr.	Tr.	Tr.
2-9786	Upper "	4-1/2	Tr.	Tr.	Tr.	Tr.
2-9790	" "	6	Tr.	Tr.	Tr.	Tr.
2-9795	Center "	1	Tr.	Tr.	Tr.	0.5
2-9799	" "	3	Tr.	Tr.	Tr.	0.3
2-9854	Upper "	6	Tr.	Tr.	Tr.	Tr.
2-9982	" "	5	Tr.	Tr.	Tr.	Tr.
2-9846	" "	5	Tr.	Tr.	Tr.	Tr.
2-9847	" "	5	Tr.	Tr.	Tr.	Tr.
2-9991	Center "	6	Tr.	Tr.	Tr.	Tr.
2-9995	Upper "	7	Tr.	0.2	0.2	Tr.
3-108	" "	5	Tr.	Tr.	Tr.	Tr.
3-112	Center "	4-1/2	Tr.	Tr.	Tr.	Tr.
3-121	Upper "	7	Tr.	Tr.	Tr.	Tr.
3-128	" "	5	Tr.	0.3	Tr.	Tr.
3-134	" "	4	Tr.	Tr.	Tr.	Tr.
A	Center "	1-1/2	Tr.	0.7	0.6	2.4
3-139	" "	1-1/2	Tr.	0.6	0.5	1.4
3-141	" "	2-1/2	Tr.	0.5	0.5	1.5
B	" "	1-1/2	Tr.	0.8	0.6	1.5
C	Upper "	1-1/2	Tr.	0.4	0.3	1.3
2-8858	" "	1	Tr.	4.4	0.8	2.1
2-8859	" "	1-1/2	Tr.	1.0	1.0	2.8
2-8860	" "	1-1/2	Tr.	3.6	4.2	5.8
3-160	" "	1-1/2	Tr.	1.2	1.3	2.7
3-242	" "	1	Tr.	0.2	0.2	2.0
3-246	Center "	4	Tr.	Tr.	Tr.	0.3
3-250	" "	4	Tr.	0.2	Tr.	Tr.
3-256	" "	1-1/2	Tr.	0.3	Tr.	1.5
3-257	" "	4	Tr.	0.6	0.2	Tr.
3-265	Upper "	4	Tr.	0.3	0.2	1.0
3-273	" "	1-1/2	Tr.	Tr.	Tr.	Tr.
3-279	" "	3	Tr.	0.2	Tr.	Tr.
3-281	" "	3	Tr.	0.3	Tr.	1.0
3-291	Center "	2	0.01	2.0	1.9	3.3
3-300	" "	2-1/2	Tr.	Tr.	Tr.	1.2
3-402	" "	4	Tr.	Tr.	Tr.	1.2

Test Hole No. 1

Sample No.	Au	Ag	Pb	Zn
0'- 5'	Tr.	Tr.	Tr.	Tr.
5'-10'	Tr.	Tr.	Tr.	Tr.
10'-15'	Tr.	Tr.	Tr.	Tr.
15'-20'	Tr.	Tr.	Tr.	Tr.
20'-25'				

Test Hole No. 2

5'-10'	Tr.	Tr.	Tr.	Tr.
10'-15'	Tr.	Tr.	Tr.	Tr.
15'-20'	Tr.	Tr.	Tr.	Tr.
20'-25'	Tr.	Tr.	Tr.	Tr.

Test Hole No. 3

0'- 5'	Tr.	Tr.	Tr.	Tr.
5'-10'	Tr.	0.3	Tr.	Tr.
10'-15'	Tr.	Tr.	Tr.	Tr.
15'-20'	Tr.	Tr.	Tr.	Tr.

Test Hole No. 4

0' -6'	Tr.	Tr.	Tr.	Tr.
6'-11'	Tr.	Tr.	Tr.	Tr.
11'-15'	Tr.	Tr.	Tr.	Tr.
15'-21'	Tr.	Tr.	Tr.	Tr.

540 LEVEL ASSAYS

SAMPLE NO.	LOCATION	LENGTH-FEET	Au	Ag	Pb	Zn
		54-887 Raise				
2-9865	Center Face	1	Tr.	Tr.	Tr.	Tr.
2-9809	" "	6	Tr.	Tr.	Tr.	Tr.
2-9810	Lower "	3	Tr.	Tr.	Tr.	Tr.
2-9812	" "	4	Tr.	Tr.	Tr.	Tr.
2-9882	Upper "	7	Tr.	Tr.	Tr.	Tr.
2-9885	Muck Grab		Tr.	Tr.	Tr.	Tr.
2-9813	Lower Face	4	Tr.	Tr.	Tr.	Tr.
2-9817	" "	2	Tr.	0.2	Tr.	Tr.
2-9821	Upper "	6	Tr.	Tr.	Tr.	0.6
2-9823	Lower "	2-1/2	Tr.	Tr.	Tr.	Tr.
2-9826	" "	3	Tr.	Tr.	Tr.	Tr.
2-9828	" "	3-1/2	Tr.	0.2	Tr.	0.4
2-9829	Center "	4	Tr.	Tr.	Tr.	Tr.
		Vertical Raise				
2-9900	North Wall -0'/06'	6	Tr.	Tr.	Tr.	Tr.
2-9830	" " 6'-11'	5	Tr.	Tr.	Tr.	Tr.
2-9831	" " 11'-14'	3	Tr.	0.1	Tr.	Tr.
2-9905	" " 21'-26'	5	Tr.	0.1	Tr.	Tr.
		Along H.W. from 9th Set				
2-9833	Upper Face	3	Tr.	Tr.	Tr.	Tr.
2-9834	"	7	Tr.	Tr.	Tr.	Tr.
2-9930	"	7	Tr.	Tr.	Tr.	0.6
2-9840	Upper "	3	Tr.	Tr.	Tr.	Tr.
2-9841	" "	3	Tr.	Tr.	Tr.	Tr.
2-9842	Center "	4	Tr.	Tr.	Tr.	Tr.
2-9843	" "	4	Tr.	Tr.	Tr.	Tr.
2-9946*	" "	1-1/2	Tr.	Tr.	Tr.	Tr.
2-9951	"	7	Tr.	Tr.	Tr.	Tr.
2-9957	"	7	Tr.	Tr.	Tr.	Tr.
2-9965	"	10	Tr.	0.2	Tr.	Tr.

*Crushed Porphyry

		54-894 Raise				
2-8861	Upper Face	1-1/2	Tr.	0.4	0.4	1.4
3-165	Center "	2-1/2	Tr.	1.0	0.5	3.2
2-8862	" "	1	Tr.	0.8	0.8	1.8
2-8863	" "	2	Tr.	0.1	Tr.	0.8
3-173	Lower "	3-1/2	Tr.	0.7	0.4	1.7
3-174	" "	4-1/2	Tr.	0.4	0.3	1.6

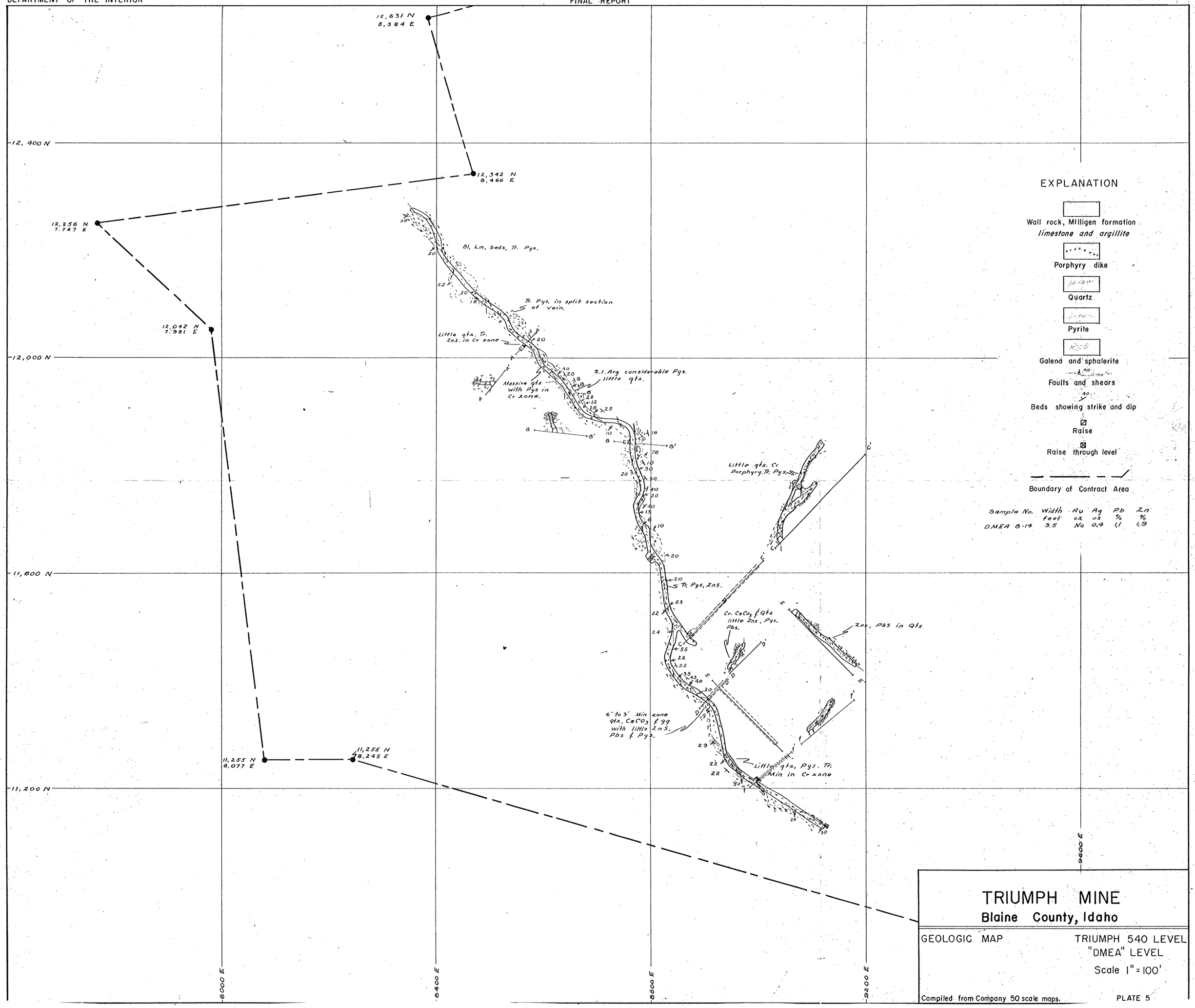
540 LEVEL ASSAYS

SAMPLE NO.	LOCATION	LENGTH-FEET	Au	Ag	Pb	Zn
		54-894 Int. So.				
2-8864	Lower Face	5	Tr.	0.7	0.6	1.5
2-8865	" "	4	Tr.	0.2	0.2	1.4
2-8866	" "	3	Tr.	0.5	0.3	1.7
3-180	Center "	2	Tr.	4.6	1.1	2.5
3-184	Lower "	5-1/2	Tr.	Tr.	Tr.	Tr.
3-188	Center "	4-1/2	Tr.	Tr.	Tr.	Tr.
3-189	" "	1	Tr.	1.0	1.1	2.7
2-8867	"	7	Tr.	Tr.	Tr.	0.3
3-192	Center "	5	Tr.	0.3	0.2	0.8
2-8868	" "	1-1/2	Tr.	0.5	0.3	1.6
3-195	Upper "	4	Tr.	0.8	0.8	2.9
3-200	" "	5	Tr.	2.0	1.6	3.3
3-36	" "	4	Tr.	0.5	0.3	2.5
3-205	" "	5	Tr.	12.2	10.1	5.2
3-40	" "	5	Tr.	6.1	6.4	3.0
3-211	C. Up-Dip Wall	4-1/2	Tr.	0.2	Tr.	0.8
3-212	Upper Face	6-1/2	Tr.	1.6	0.8	3.7
3-44	" "	6-1/2	Tr.	0.4	0.2	2.3
3-215	"	9	Tr.	0.6	Tr.	2.5
3-218	Upper "	6	Tr.	Tr.	Tr.	1.1
3-221	" "	5	Tr.	0.9	0.5	2.2
3-223	" "	5	Tr.	0.3	Tr.	2.2
3-227	" "	5-1/2	Tr.	Tr.	Tr.	Tr.
3-229	" "	5	Tr.	0.3	0.2	1.2
3-230	" "	3	Tr.	0.6	0.2	1.2
3-231	" "	4-1/2	Tr.	0.1	Tr.	1.4
3-232	" "	4	Tr.	0.1	Tr.	Tr.
3-234	" "	4	Tr.	0.5	0.2	1.9
3-236	Center "	2	Tr.	0.1	Tr.	1.3
3-238	" "	1-1/2	Tr.	0.2	Tr.	Tr.
		54-900 Raise				
3-288	Upper Face	1-1/2	Tr.	0.8	0.2	1.1
3-292	" "	3	Tr.	Tr.	Tr.	Tr.
3-294	" "	4-1/2	Tr.	0.5	Tr.	1.3
3-297	Center "	4	Tr.	Tr.	Tr.	Tr.
3-299	" "	3	Tr.	Tr.	Tr.	0.6
3-319	" "	5-1/2	Tr.	Tr.	Tr.	Tr.

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
FINAL REPORT

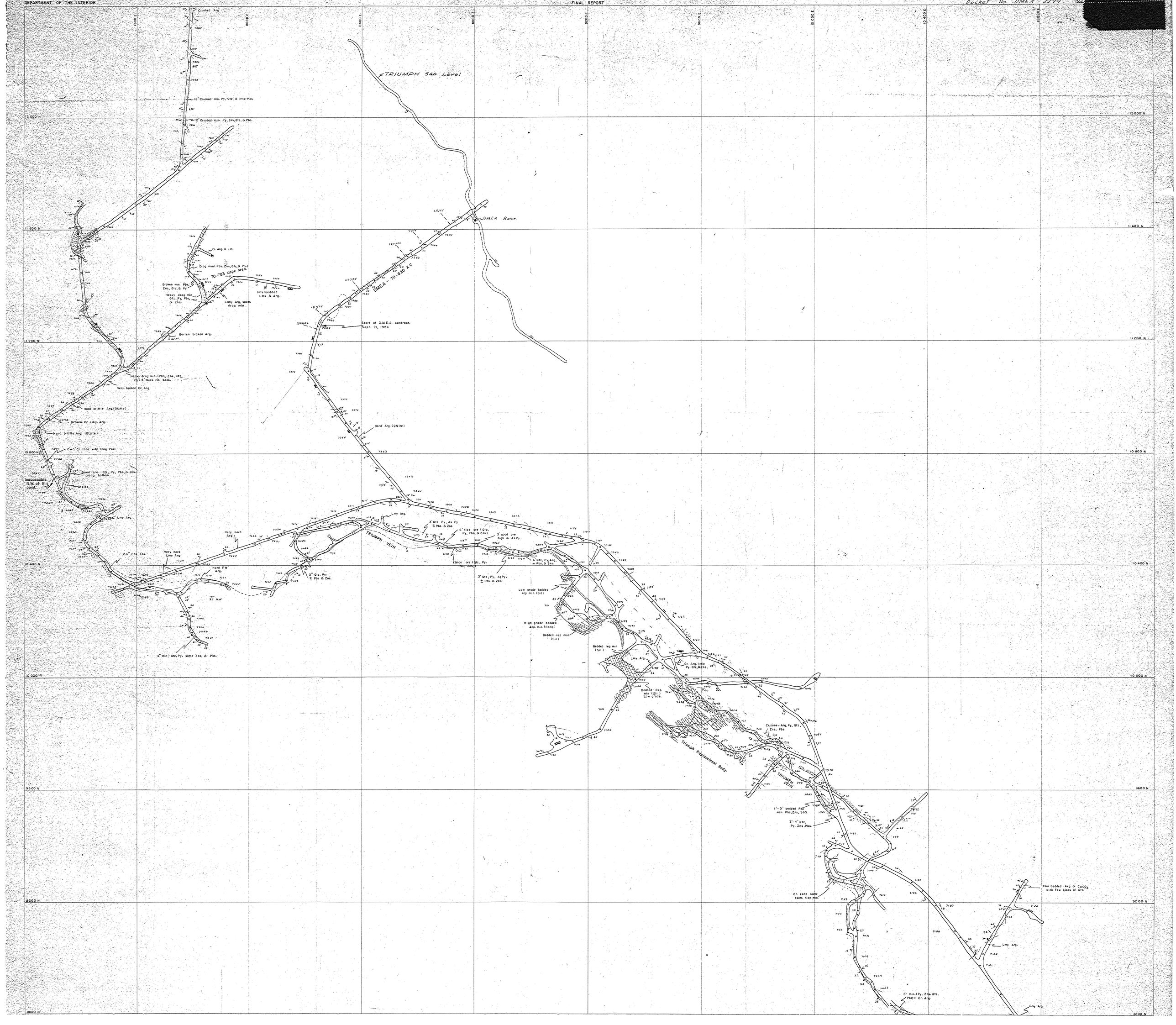
Docket No. DMEA 3394

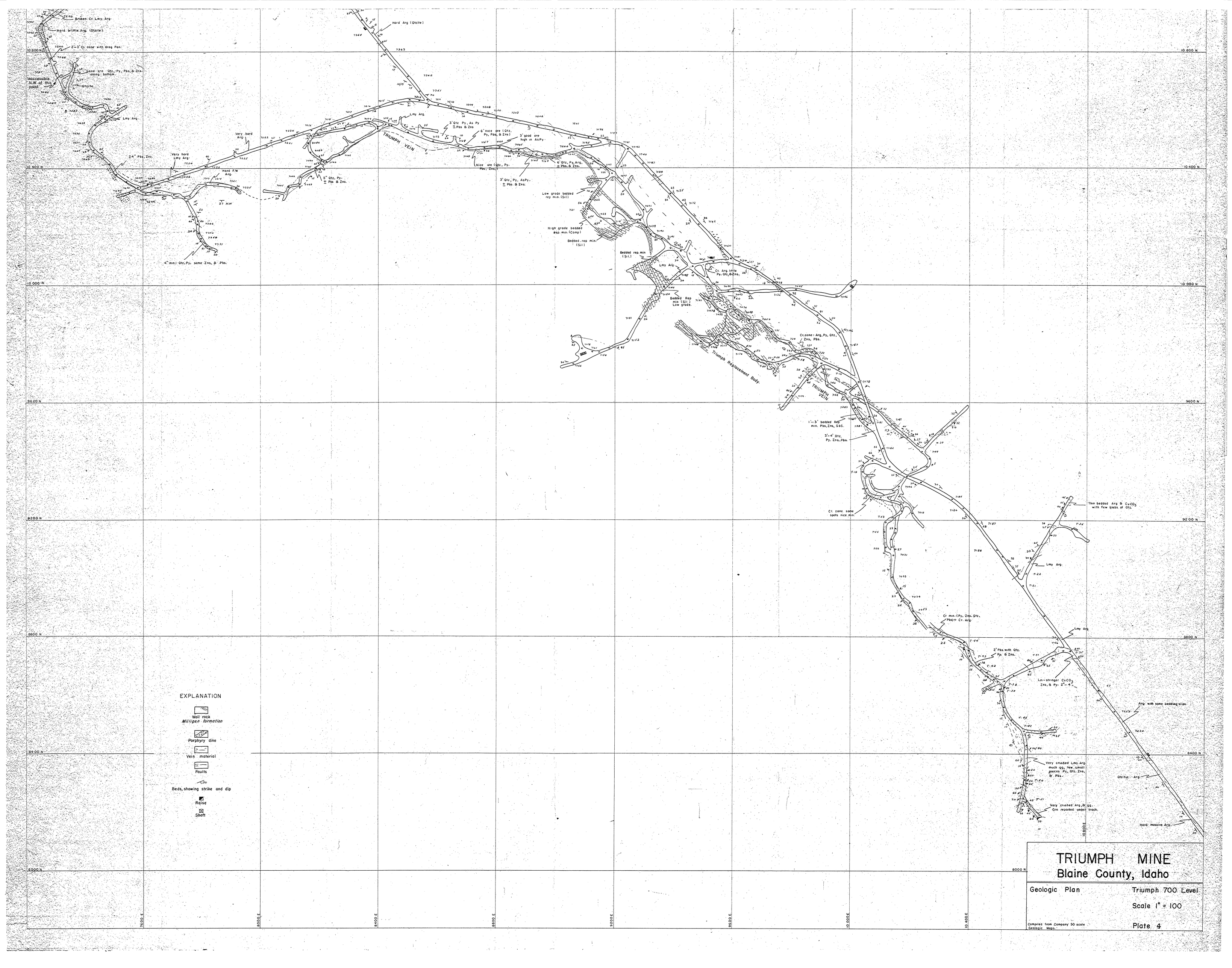


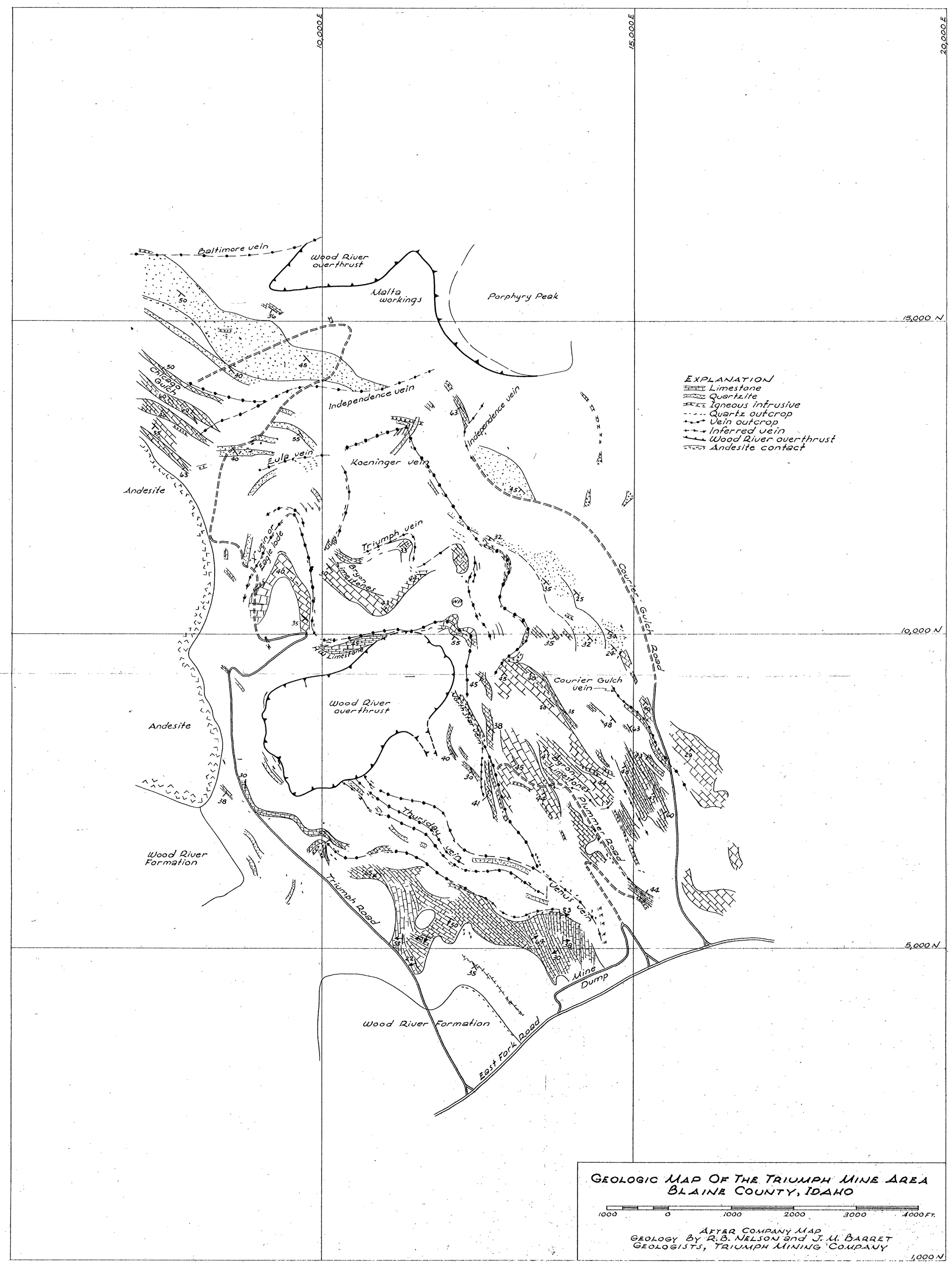
UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
FINAL REPORT

Docket No. DMEA 3394 Doc [redacted]



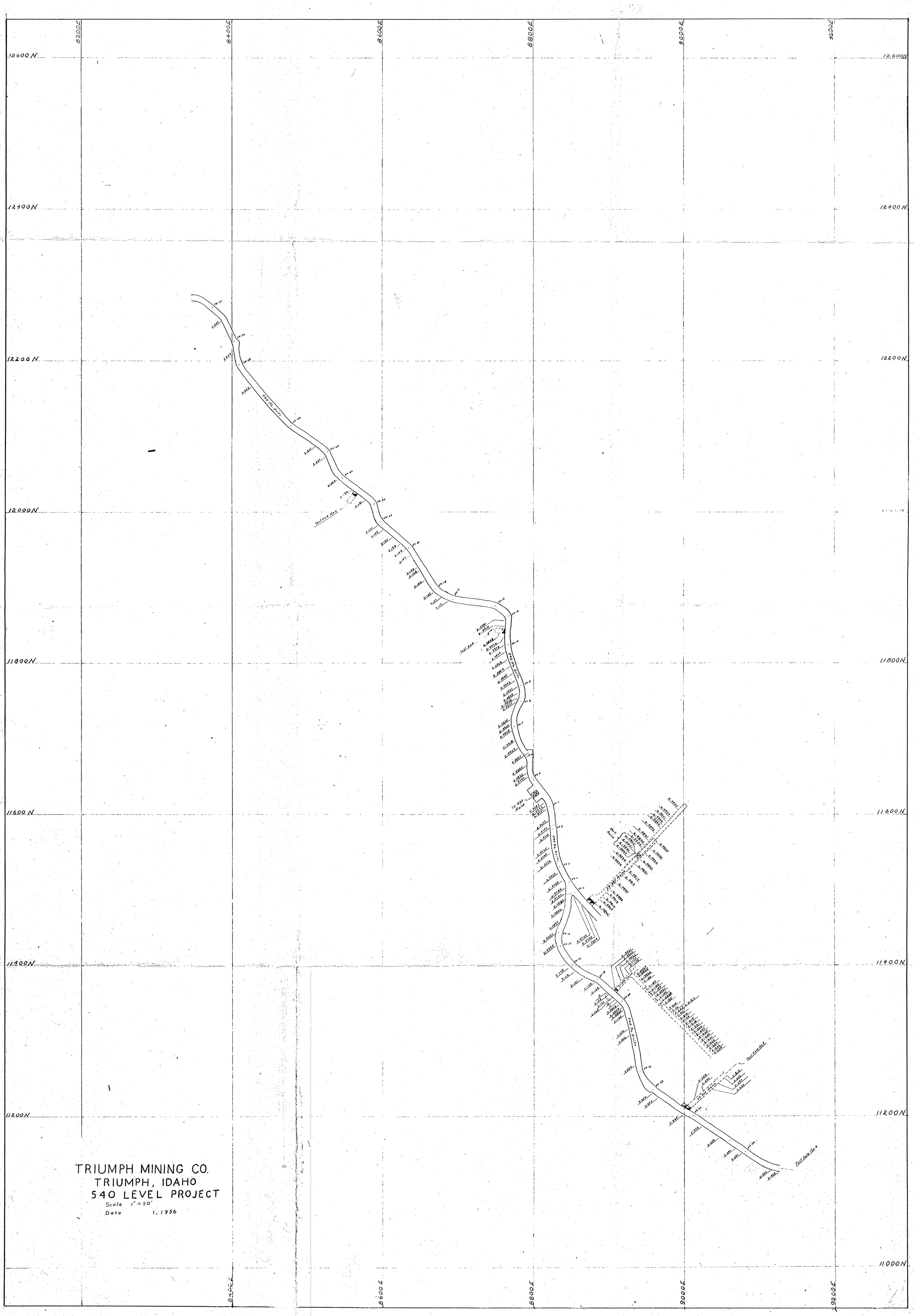

Broken Cr. Lmy. Arg.
Hard brittle Arg. (Qtzite)
2-3' Cr. zone with drag Por.
Good ore Qtz., Py., Pbs. & Zns. along bottom
Inaccessible N.W. of this point
Qtzite
Lmy. Arg.
2-4" Pbs., Zns.
Very hard Lmy. Arg.
Very hard Arg.
Hard F.W. Arg.
27 NW
4" min- Qtz., Py., some Zns. & Pbs.
5" Qtz., Py. ± Pbs. & Zns.
Hard Arg. (Qtzite)
TRIUMPH VEIN
3' Qtz. Py., As Py ± Pbs. & Zns.
6' nice ore (Qtz., Py., Pbs. & Zns.)
3' good ore high in AsPy.
Nice ore (Qtz., Py., Pbs., Zns.)
3' Qtz., Py., AsPy. ± Pbs. & Zns.
6' Qtz., Py., Arg. ± Pbs. & Zns.
Low grade bedded rep. min. (Sil.)
High grade bedded rep. min. (Comp.)
Bedded rep. min. (Sil.)
Bedded rep. min. (Sil.)
Lmy. Arg.
Cr. Arg. little Py., Qtz. & Zns.
Bedded Rep. min. (Sil.) Low grade.
Cr. zone - Arg., Py., Qtz., Zns., Pbs.
Triumph Replacement Body
TRIUMPH VEIN
1'-3' bedded Rep. min. Pbs., Zns., SiS.
3'-4' Qtz., Py., Zns., Pbs.
Cr. zone some spots nice min.
Thin bedded Arg. & $CuCO_3$ with few slebs of Qtz.
Lmy. Arg.
Cr. min. (Py., Zns., Qtz., Pbs.) + Cr. Arg.
Lmy. Arg.
2" Pbs. with Qtz., Py. & Zns.
Lm-stringer $CuCO_3$ Zns. & Py. 2"-4"
Arg. with some bedding slips.
Very crushed Lmy. Arg. much gg., few small pieces Py., Qtz., Zns. & Pbs.
Qtzitic Arg.
Very crushed Arg. & gg. Ore reported under track.
Hard massive Arg.
10 800 N
10 400 N
10 000 N
9600 N
9200 N
8800 N
8400 N
8000 N
7600 E
8000 E
8400 E
8800 E
9200 E
9600 E
10 000 E
10 400 E
EXPLANATION
Wall rock
Milligan formation
Porphyry dike
Vein material
Faults
Beds, showing strike and dip
Raise
Shaft
TRIUMPH MINE
Blaine County, Idaho
Geologic Plan
Triumph 700 Level
Scale 1" = 100
Compiled from Company 50 scale Geologic Maps.
Plate 4



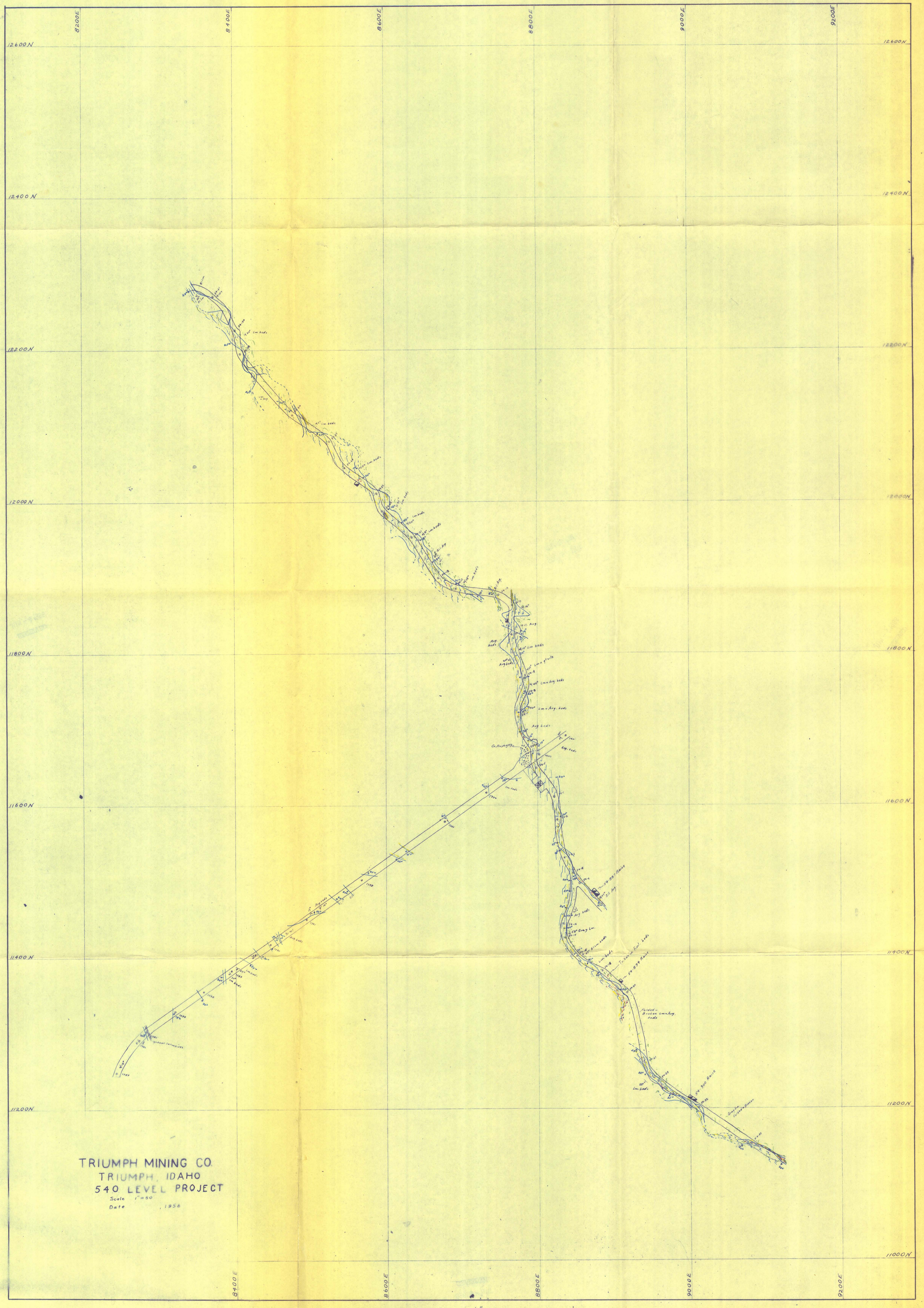
GEOLOGIC MAP OF THE TRIUMPH MINE AREA
BLAINE COUNTY, IDAHO

AFTER COMPANY MAP
GEOLOGY BY R.B. NELSON and J.M. BARRET
GEOLOGISTS, TRIUMPH MINING COMPANY

PLATE 2



TRIUMPH MINING CO.
TRIUMPH, IDAHO
540 LEVEL PROJECT
Scale 1" = 50'
Date 1, 1956


8200E
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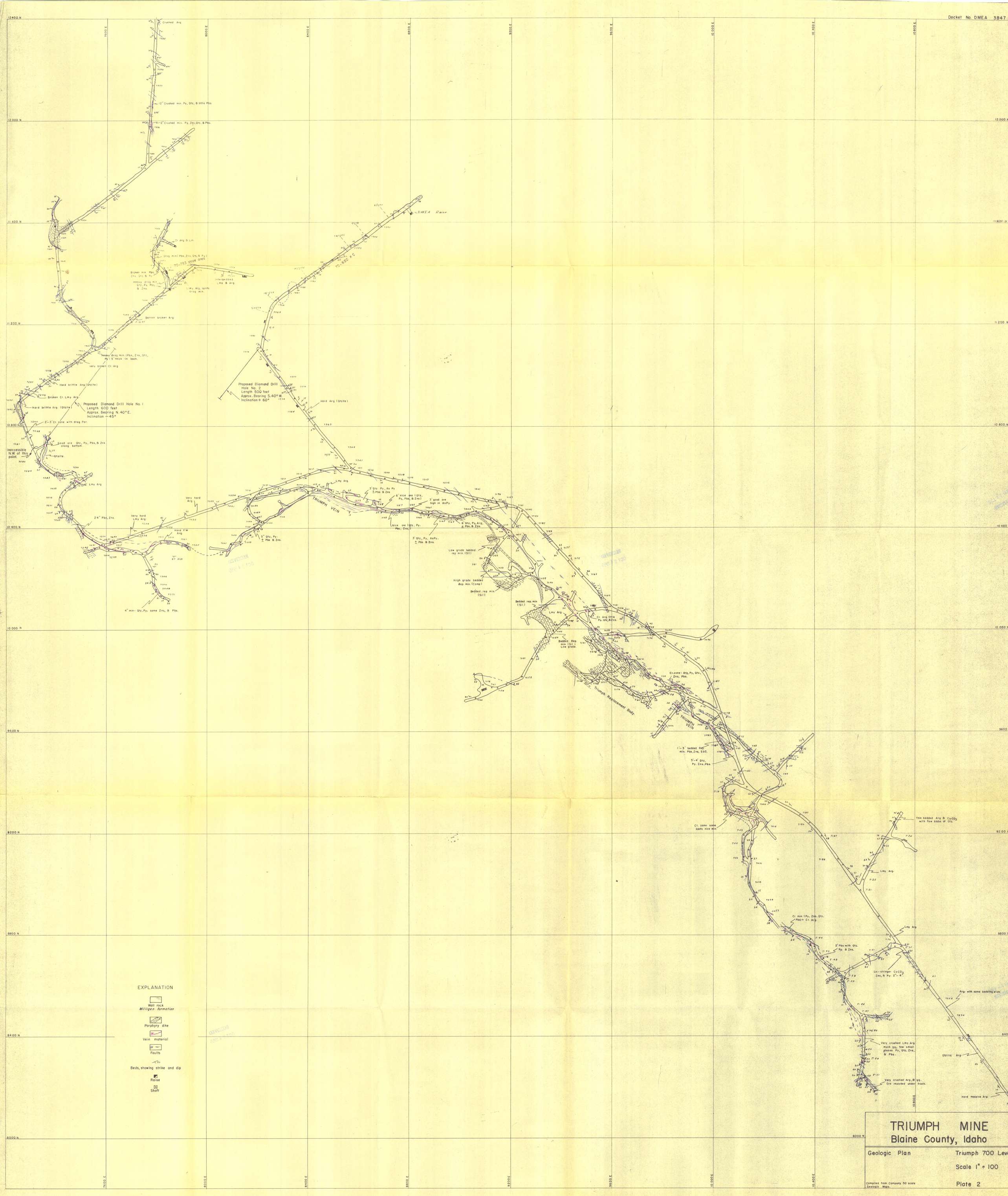
12600N
12400N
12200N
12000N
11800N
11600N
11400N
11200N
11000N
TRIUMPH MINING CO.
TRIUMPH, IDAHO
540 LEVEL PROJECT
Scale 1"=50'
Date , 1956



TRIUMPH MINE
Blaine County, Idaho

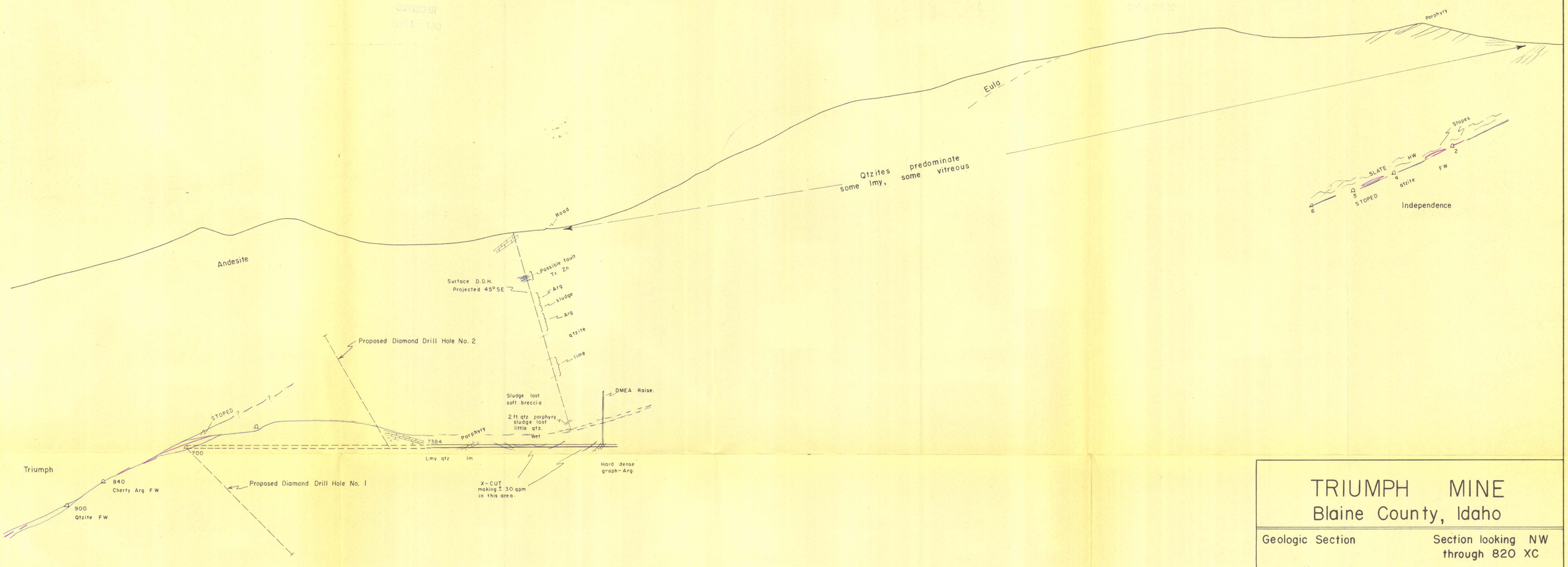
Geologic Plan

Triumph 700 Level

Scale 1" = 100

Compiled from Company 50 scale Geologic Maps.

Plate 2



TRIUMPH MINE
Blaine County, Idaho

Geologic Section

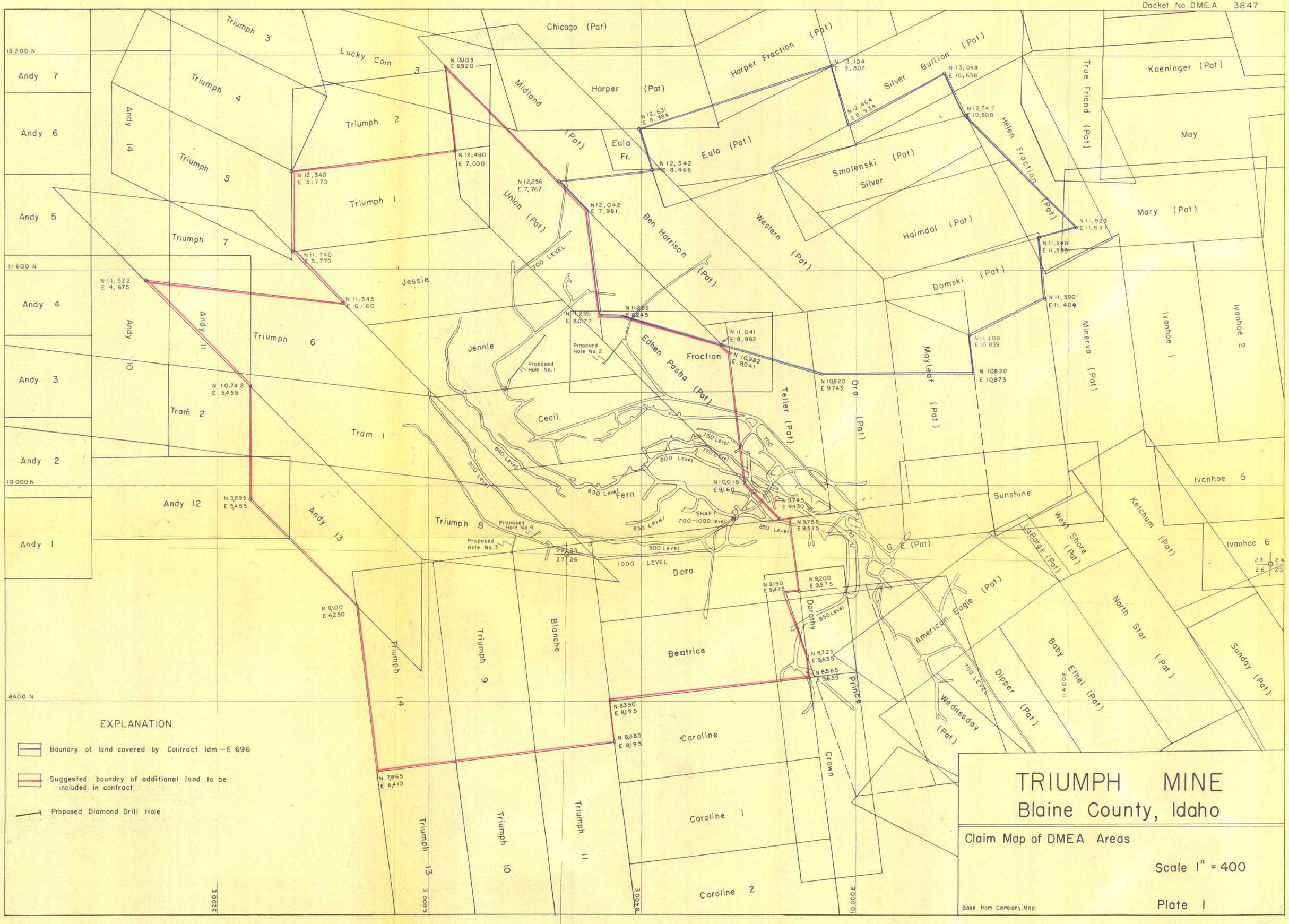
Section looking NW through 820 XC

Scale 1" = 200

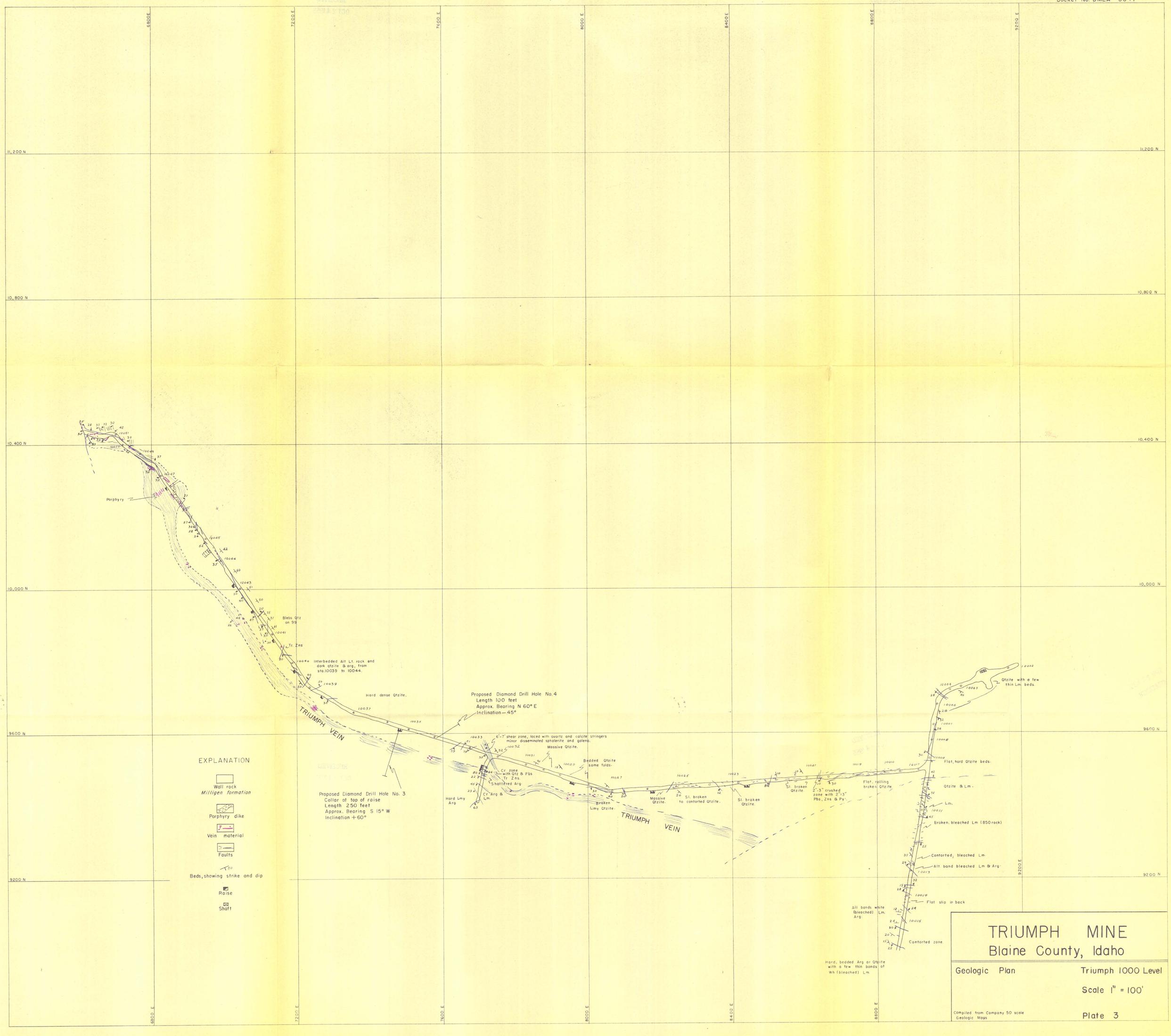
After section prepared by Company.

Plate 4

Docket No DME A 3847



Docket No. DMEA 3847



TRIUMPH MINE
Blaine County, Idaho

Geologic Plan

Triumph 1000 Level

Scale 1" = 100'

Compiled from Company 50 scale Geologic Maps

Plate 3