UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 1425

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

- ✓ Certificate of Audit (Final).
- Interim Audit(s).
- Report of Review.
- Termination Notice or Agreement.
- Recision Notice.
- Assignment of Contract.
- ✓ Contract Amendments (latest on top).
- ✓ Contract with all exhibits and annexes.
- Owner's Consent to Lien.
- Subordination Agreement.
- Leases and assignments of leases.
- ✓ Application and attachments.
- Schedule of Collections.
- ✓ Operator's monthly reports and all attachments (latest on top).

Right Side

- ✓ Project summary.
- ✓ Work completed analysis.

All other material is filed in chronological order with correspondence including the following reports as checked:

- ✓ Final Field Team Report. (Tab)
- ✓ Operator's Final Report.
- ✓ Interim Reports.
- ✓ On-site Exam Report(s). (Tab)
- Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number _____

Operator's Monthly Reports in folder number _____

wb
Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of the:

Pittsburg Silver Mining Company
Kellogg, Idaho

pertaining to Exploration Project Contract No. Idm-E128, Docket No. DMA-1425X, including Amendments No. 1, 2, 3, 4, 5, and 6, covering a project of exploration for lead, copper, and antimony, located in Mineral County, Montana, commonly known as the Little Pittsburg Mine, for the period of August 28, 1951, to January 21, 1953.

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

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

Total Cost as Billed by Contractor		$ 8,118.45
Less: Salvage Proceeds on Property		none
Net Claimed Cost		8,118.45
Exceptions (See Audit Report for details):		
Prior to this audit	$803.56	
During this audit	6.46	
	$810.02	
Less: Reinstatements	44.73	765.29
Total Accepted Cost		$ 7,353.16

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 Three thousand six hundred seventy-six Dollars and 58/100.

-- $3,676.58 --

is valid and proper.

This certificate is issued on the provision 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.

Date: March 31, 1954

C. A. Turner, Auditor

AUDIT REPORT

I INTRODUCTION

During the month of March 1954, a final audit (covering operations for the period of August 28, 1951, to January 21, 1953) was made of the records and accounts pertaining to Exploration Contract No. Idm-E128, Docket No. DMA-1425X, including Amendments No. 1, 2, 3, 4, 5, and 6 inclusive, with the

Pittsburg Silver Mining Company
Kellogg, Idaho

covering a project for the exploration of lead, copper, and antimony, located in Mineral County, Montana, commonly known as the Little Pittsburg Mine.

The original accounting records under this contract were maintained by and were in the possession of H. F. Magnuson & Company, firm of certified public accountants, Wallace, Idaho. Mr. Eugene Keesey, secretary of the corporation, managed the project until ill health forced him to retire in July 1952. Mr. E. T. Scott, president of the corporation, succeeded Mr. Keesey in management of the project.

Mr. Keesey's death occurred in February 1953. Soon after Mr. Keesey's death, H. F. Magnuson & Company released the records of the Pittsburg Silver Mining Company to Mr. Wilson Whitcher, Opportunity, Washington, who is a relative of Mr. Keesey and is looking after the estate.

Mr. E. T. Scott's address is unknown and those interested in the exploration project have no information as to how he may be reached.

II GENERAL INFORMATION ON RECORDS

The accounting records of the corporation covering the exploration project consisted of monthly payrolls, vendor's invoices, cancelled bank checks, Employer's Quarterly Federal Tax Returns, State of Montana Employer's Report of Wages Paid to Each Employee for Calendar Quarters, State of Montana Industrial Accident Board Assessment Notice (covering liability insurance), State of Montana Industrial Accident Board Premium Receipts (covering payments on liability insurance premiums), a monthly report-work sheet upon which the monthly charges were accumulated and the correspondence files. The operator does not maintain a ledger or set of cost records as such; however, the material at hand was sufficient to determine the cost of exploration.

Payments for materials and labor were made by checks drawn on the Idaho First National Bank, Kellogg, Idaho.

The checks drawn on the Idaho First National Bank and the Forms MF-104 were prepared by H. F. Magnuson & Company, firm of certified public accountants; however, they were signed by Eugene Keesey, secretary of the corporation, up to and including July 1952, and those subsequent to that date by E. T. Scott, president of the corporation.

III SCOPE OF AUDIT AND FINDINGS

The audit was limited to ascertaining the accuracy, propriety, and validity of the costs shown in the "Totals to Date" column of Form MF-104, Operator's Monthly Report and Voucher, for the month of October 1952. The preliminary review of the records indicated improper distribution

of charges to the "Items of Cost" shown on Form MF-104. A detailed audit and analysis of costs was necessary. The findings after correction of cost distribution follow:

(1) Independent Contracts

This item is not applicable to this contract.

(2) Labor and Supervision

The basic record for this item of cost was the monthly payroll which was prepared by H. F. Magnuson & Company, firm of certified public accountants. Mr. E. T. Scott, president of the corporation, supplied the information required to make the payroll as to shifts worked, rates of pay per day, and classification of labor from a daily record which he kept on the job at the mine.

During the audit all entries on the payroll were compared with the quarterly payroll tax returns and industrial insurance reports. The audit findings are summarized as follows:

Labor - Claimed	$5,223.54	
Deleted by Certifying Officer	600.00	$4,623.54
Technical Services (Geologist)		200.00
Accepted Costs		$4,823.54

The Certifying Officer deleted foreman wages not provided by the contract as follows:

August 1952	$100.00	
September	250.00	
October	250.00	
Disallowance Confirmed by this Audit		$600.00

Technical Services were the services of a geologist -- Chas. B. Hausen -- authorized by Amendment No. 3.

Supervision was performed by Eugene Keesey and E. T. Scott at no cost to the project.

The rates of pay for labor and geologist do not exceed the rates authorized by the contract as follows:

Prior to August 28, 1952

Labor 7 Miners @ $13.00 per day
Geologist - maximum of $200.00

Subsequent to August 28, 1952

Labor 7 Miners @ $14.20 per day (The current wage scale in area which was approved by the DMEA Field Team, Region II.)

(3) Operating Materials and Supplies

The costs chargeable to this category were determined by a detailed audit and analysis of the vendor's invoices and the cancelled checks. The following listing summarizes the audit findings:

	Costs Claimed	Disallowed by Audit	Accepted Costs
Timber	$445.66	$ --	$445.66
Fuel and Lubricants	173.77	6.00	167.77
Small Tools & Supplies	221.10	14.47	206.63
Miscellaneous	42.24	19.77	22.47
Total	$882.77	$40.24	$842.53

The above disallowances, which were all made by the Certifying Officer and not taken into account by the operator on his Forms IF-104, are as follows:

Fuel and Lubricants		
Gas & Oil Invoice - No Invoice Support	$44.73	
Returnable Oil Drum	6.00	
	50.73	
Reinstate Gas & Oil - Properly supported by invoice 7/28/52 Schneider Chev. Co.	44.73	$ 6.00
Small Tools & Supplies		
Miscellaneous unallowable items		
Box Rent	2.00	
Postage, telephone, and miscl.	12.47	14.47
Miscellaneous		
Unidentified Unsupported Claim		19.77
Certifying Officer's Deletions Confirmed by this Audit		$40.24

(4) Operating Equipment

This item is not applicable to this contract.

(5) Initial Rehabilitation and Repairs

The costs chargeable to this category were determined by a detailed audit and analysis of the vendor's invoices and cancelled bank checks, as follows:

Repairing and Blocking Cookhouse	$57.50

The cookhouse building repairs were performed by George Gibbs on a cost-to-do-the-job basis which was properly supported by invoice.

(6) New Buildings, Improvements, etc.

This item is not applicable to this contract. It should be noted, however, that the operator has claimed $57.50 under this item on his Forms

MF-104. The audit disclosed that this cost was for cookhouse building repair and it has been shown under the proper "Item of Cost" in the preceding section.

(7) Miscellaneous

The findings of the audit as to the costs chargeable to and allowable under this item of cost are summarized as follows:

	Costs Claimed	Disallowed by Audit	Accepted Costs
Skidding Timber and Road Repairs	$407.71	$ --	$407.71
Repairs to Equipment	72.13	33.76	38.37
Sampling and Analysis	32.50	32.50	--
Payroll Taxes	217.58	25.19	192.39
Liability Insurance	290.11	33.60	256.51
Accounting	191.00	--	191.00
Travel Expense	543.61	--	543.61
Total	$1,754.64	$125.05	$1,629.59

Skidding Timber and Road Repairs chargeable to this project were found by the audit to be all Road Repairs made up of the following items of cost:

Bulldozing	25 Hours @ $9.00 Per Hour	$225.00
do.	7 do. @ $8.00 do.	56.00
Labor		126.71
Accepted Costs		$407.71

Repairs to Equipment chargeable to this project were found by the audit to consist of the following items of cost:

Compressor Repairs	$ 4.00	
Fan Repair	16.00	
Mine Car Repairs	18.37	
Motor & Mine Car Repairs	27.30	
Miscellaneous Repairs	6.46	$72.13
Deletion by Certifying Officer confirmed by this audit	27.30	
Disallowed by audit	6.46	33.76
Accepted Costs		$38.37

The deletion by the Certifying Officer and the disallowance by the audit were both made for the lack of the support of the claim.

Sampling and Analysis costs were claimed by the operator in the amount of $32.50 which were deleted by the Certifying Officer for the lack of proper invoice support. This disallowance is confirmed by the audit.

Payroll Taxes applicable to this project were determined by the audit to be:

Federal Insurance Contribution Act	1.5 percent
Montana Unemployment Compensation	2.7 percent
Total	4.2 percent

Taxes under the Federal Unemployment Tax Act were not applicable since the operator had less than eight employees.

A detailed audit was made of the payrolls, cancelled checks, Employer's Quarterly Federal Tax Return (Identification No. 82-0139365) and Montana Quarterly Employer's Report of Unemployment Compensation (Account No. 1041-03-25644).

Payroll Taxes Computed				
Labor		$5,223.54		
Less: Foreman's Salary (deleted)		600.00		
		$4,623.54		
Less: Labor on which payroll taxes were not paid by operator				
W. A. Howe	$27.00			
Geo. Gibbs	16.00	43.00		
Accepted Cost		$4,580.54	@ 4.2%	$192.39
Taxes Claimed by Operator				$217.58
Accepted Costs				192.39
Deletion by Certifying Officer which is confirmed by this audit				$ 25.19

Liability Insurance chargeable to this project consisted of premiums paid or payable to the State of Montana Industrial Accident Board whose rate is 5.6 percent of the gross payroll.

A detailed audit of the payrolls, cancelled checks, and the monthly payroll reports (Firm No. 19842C) to the State of Montana Industrial Accident Board was made to determine the costs applicable to this project.

Liability Insurance Computed

Labor			$5,223.54		
Less: Foreman Salary (Deleted)			600.00		
			$4,623.54		
Less: Labor on which liability insurance was not paid by the operator					
W. A. Howe	$27.00				
Geo. Gibbs	16.00		43.00		
Accepted Cost			$4,580.54	@ 5.6%	$256.51
Taxes Claimed by Operator					$290.11
Accepted Costs					256.51
Deletion by Certifying Officer which is confirmed by this audit					$ 33.60

Accounting Services were rendered by the H. F. Magnuson firm of certified public accountants, Wallace, Idaho, who maintained the corporation exploration project accounts preparing payrolls, preparing checks to pay vendor's invoices, rendering State and Federal reports, and Forms MF-104. Bills were rendered monthly on a basis of time consumed on the project records.

The audit disclosed the cost chargeable to be:

Accounting	$191.00

Travel Expense charged to the project was made up of the mileage and expenses of Mr. Eugene Keesey, project manager, traveling to and from the mine where the project was located.

Amendment No. 2 provided travel expense and allowable maximums as follows:

> Total to January 31, 1952, $350.00, and a subsequent monthly expense not to exceed $50.00 per month. Costs claimed did not exceed the allowable maximum.

Travel Expense	$543.61

(8) Contingencies

This item is not applicable to this contract. The operator, however, has claimed the following:

Transportation	$ 32.52
Miscl. - Postage, Telephone, etc.	35.22
Car Mileage	496.04
Total	$563.78

The audit disclosed that the Transportation Charge, $32.52, and the Car Mileage Charge, $496.04, were properly chargeable to Travel Expense, and that the Miscl.-- Postage, Telephone, etc.-- Charge of $35.22 should be included in Miscellaneous Supplies. The above charges have been shown under the proper "Items of Costs" in the preceding sections of this report.

IV CONCLUSIONS

This audit disclosed that all costs charged to this project, with the exception of the disallowances itemized under items (2) Labor and Supervision, (3) Operating Materials and Supplies, and (7) Miscellaneous of the

preceding sections of this report, are reasonable and proper under the terms of the contract.

The adjustments between "Items of Cost" as shown on the final October 1952 Form MF-104, the disallowances, and the accepted costs are summarized as follows:

	Totals October 1952 MF-104	Corrected Distribution	Disallowed by Audit	Accepted Costs
(2) Labor and Supervision				
Labor	$5,533.94	$5,223.54	$600.00	$4,623.54
Supervision	--	--	--	--
Technical Services	200.00	200.00	--	200.00
(3) Operating Materials and Supplies				
Timber	396.66	445.66	--	445.66
Fuel and Lubricants	443.79	173.77	6.00	167.77
Small Tools and Supplies	20.20	221.10	14.47	206.63
Miscellaneous	--	42.24	19.77	22.47
(4) Operating Equipment				
Rental	--	--	--	--
Purchase	--	--	--	--
Depreciation	--	--	--	--
(5) Initial Rehabilitation and Repairs	--	57.50	--	57.50
(6) New Buildings, Improvements, etc.	57.50	--	--	--
(7) Miscellaneous				
Skidding Timber and Road Repairs	407.71	407.71	--	407.71
Repairs to Equipment	90.99	72.13	33.76	38.37
Sampling and Analysis	32.50	32.50	32.50	--
Payroll Taxes	48.47	217.58	25.19	192.39
Compensation Insurance	79.34	--	--	--
Liability Insurance	--	290.11	33.60	256.51
Accounting	191.00	191.00	--	191.00
Taxes Industrial	52.57	--	--	--
Travel Expense	--	543.61	--	543.61
(8) Contingencies				
Transportation	32.52	--	--	--
Miscl. - Postage, Telephone, etc.	35.22	--	--	--
Car Mileage	496.04	--	--	--
Total	$8,118.45	$8,118.45	$765.29	$7,353.16

The "Allowable Maximums" under this contract were rates of wages for miners and the sum of $200.00 paid a geologist discussed in item (2), Section III of this report, and travel expense of $50.00 per month for the months subsequent to January 1952 discussed in item (7), Section III of this report.

The "Allowable Maximum" geologist $200.00 was all used leaving no balance.

The findings of this audit were discussed in detail with Mr. Wilson Whitcher who represented the operator and Mr. A. E. Weissenborn, Executive Officer of the Field Team, Region II.

Date: March 31, 1954

C. A. Turner, Auditor

AMENDMENT NO. 6

It is agreed this 18th day of November 195 2, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and Pittsburg Silver Mining Company, Box 469, Wallace, Idaho, Docket No. DMEA 1425X (Pb-Cu-Sb), Mineral County, Montana each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 128 of August 28, 195 1 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 28, 195 1.

This amendment is made by authority granted the Executive Officer, DMEA Field Team, Region II, 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.

PITTSBURG SILVER MINING CO.
(Operator)

By Eugene Kessler

THE UNITED STATES OF AMERICA

By M. E. Volin

~~A. E. Weissenborn, Exec. Officer~~
DMEA Field Team, Region II
M. E. Volin, Acting Exec. Officer

Pittsburg Silver Mining Company
Docket No. DMEA 1425X (Pb-Cu-Sb)
Contract No. Idm-E128
Mineral County, Montana

Amendment No. 6

Exhibit "F"

Modifications and additions:

Add the following paragraph to Exhibit "D" of the contract:

"The rates shown are subject to increases made to make the wage scale conform to that prevailing in the district in which the project is located, subject to the approval of the DMEA Field Team, Region II."

Pittsburg Silver Mining Company
Docket No. DMEA 1425X (Pb-Cu-Sb)
Contract No. Idm-E128
Mineral County, Montana

Justification for Amendment No. 6

Amendment No. 6 to contract No. Idm-E128, dated August 28, 1951, between the United States of America and the Pittsburg Silver Mining Company is approved to allow the Operator to pay the prevailing wage scale.

The wage scale in the area has been increased since the contract was written and it is necessary for the Operator to pay prevailing wages to obtain labor for the project.

Docket Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

December 3, 1952

Department of the Interior
Defense Minerals Administration
RECEIVED
DEC 8 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA 1425X (Lead-Copper-Antimony)
Pittsburg Silver Mining Company
Mineral County, Montana
Contract Idm-E128

Dear Mr. Johnson:

Enclosed are the original and two signed copies of Amendment No. 6 to the subject contract, with attached justification.

Copies of this amendment have been retained by the Operator, the Finance Officer, and the Field Team.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
Acting Executive Officer
DMEA Field Team, Region II

Enclosure

cc: USBM (2)
Hosterman

RECEIVED
DEC 15 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

12-8

Government Copy
DMEA-14 & 5
Lead, Copper, Antimony

(Amendment to Change Starting and Completion Dates)

AMENDMENT NO. 5

It is agreed this 20th day of August 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Pittsburg Silver Mining Company, a Montana corporation, Box 1049, Kellogg, Idaho

each acting in consideration of the agreement to the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E128 of August 28, 1951 between the parties hereto be modified and amended to change the starting date from --- (No. of day) to within --- (No. of days) of the date of the contract and the completion period from 12 (No. of months) to 15 (No. of months) from the date of the contract. The effective date of this amendment shall be August 20, 1952.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II 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.

Pittsburg Silver Mining Company
(Operator)
By Emmett R. Feeney

The United States of America
By [signature]
For: A.E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 11 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 11 1952

August 20, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Contract Idm-E128, Pittsburg Silver Mining Company, Mineral County, Montana, Docket No. DMEA-1425, Lead, Copper, Antimony.

Dear Sir:

Enclosed are three copies of Amendment No. 5 to Contract Idm-E128. This amendment extends the completion date of the contract by a period of three months.

Work on the contract has been delayed because of the Operator's difficulty in securing finances with which to operate. The company's board of directors has recently been reorganized and new finances have been acquired. Company officials have assured DMEA examiners that contract work is now being advanced but that further time is needed to complete the contract.

By copy of this letter Amendment No. 5 is transmitted to the Fiscal Officer.

Sincerely,

A. E. Weissenborn
emr

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

Enclosure (3)

cc: USBM, Spokane w/o encl.
Fiscal Office w/encl.

gds
9-18-52

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

So. 157 Howard Street
Spokane 1, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 11 1952

August 20, 1952

Memorandum

To: W. L. Glassmoyer, Executive Officer, DMA Field Team, Region II

From: W. L. Wallace, Geologist, U. S. Geological Survey

Subject: Request for extension of contract and routine examination August 19 and 20, 1952, of Contract DMA-2123, Pittsburg Silver Mining Company, Little Pittsburg Mine, Mineral County, Montana, Docket No. DMA-1425 (Lead-Copper, Antimony).

The Little Pittsburg Mine was visited on August 19 in the company of Mr. H. T. Heno of the Bureau of Mines and Mr. J. W. Mosterman of the U. S. Geological Survey, and was revisited alone on August 20.

The Board of Directors has been reorganized and Mr. Earl T. Scott, recently of Grangeville and Lewiston, Idaho, has been elected President. Work has been resumed on the DMA contract under the new directors and money is again available to support the company's share of costs in the DMA contract.

A six-month extension of the original contract expires August 23 and the company is anxious to have an extension. Inasmuch as work is being pushed under the new directors, it would seem advisable to grant a six-day extension of the contract.

Since the last work a large cave has been cleared out, and the principal work remaining under the contract is 60 feet of tunneling. Mr. Thomas Larson has been retained to map the workings and to report to the company on the geology. Laboratory and field work has been done, but Mr. Larson has not completed a report as yet.

Please see that the work and money necessary to satisfy the government and have the information as soon as possible after October.

W. L. Wallace

cc: [illegible]
[illegible]
[illegible]
W. L. Wallace

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

So. 157 Howard Street
Spokane 4, Washington

August 23, 1952

1425

Pittsburg Silver Mining Company
Box 1040
Kellogg, Idaho

Gentlemen:

Enclosed are copies of Amendment No. 5 to your Contract 1dm-123, which will extend the life of the contract from August 23, 1952, for a period of three (3) months or until November 23, 1952. DMA examiners have advised this office that contract work should be terminated by that date.

Please sign all copies, keep one for your files, and return the others to this office.

Sincerely yours,

Thor H. Hillsgaard
For: A. L. Weissenborn
Executive Officer, DMA
Field Team, Region 7

Enclosures

cc: [illegible] (2)
[illegible]

AL

Government Copy
Lead, Silver

AMENDMENT NO. 4

It is agreed this 19th day of April 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Pittsburg Silver Mining Co., a Montana Corporation, Box 1049, Kellogg, Idaho (Docket No. 1425X) lead-copper-antimony

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E128 of August 28 1951 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 February 28 1952.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

PITTSBURG SILVER MINING COMPANY
(Operator)

By Eugene Keesey

The United States of America

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 23 1952

PITTSBURG SILVER MINING COMPANY
Exploration Project Contract Idm-E128
Docket No. 1425X, lead-copper-antimony

AMENDMENT NO. 4

Exhibit "F"

Changes and modifications

In paragraph No. 3 of the contract form, change the time to bring the project to completion from a period of six months to a period of 12 months.

JUN 23 1982

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

So. 157 Howard Street
Spokane 4, Washington

June 18, 1952

Memorandum

To: F. E. Johnson, Chairman, Operating Committee

From: A. E. Weissenborn, Exec. Officer, DMEA Field Team, Region II

Subject: Amendment No. 4 for Pittsburg Silver Mining Co., Contract Idm-E12, Docket DMEA-1425X, Lead, Copper, Antimony.

Original and two copies of the subject amendment are forwarded herewith. The time extension is necessary because the project was shut down for most of the winter due to severe snow conditions.

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

Enclosures

cc: USBM, Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 23 1952

6-22-53

Government Copy
Dmea 1426
Lead, Silver

AMENDMENT NO. 3

It is agreed this 25 day of April 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Pittsburg Silver Mining Company, a Montana corporation, Box 1049, Kellogg, Idaho.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E128 of August 28, 1951 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 April 25, 1952.

This amendment is made by authority granted the Executive Officer, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1952

Pittsburg Silver Mining Company
(Operator)

By Eugene Kensey

The United States of America

By M. E. Volin

M. E. Volin, Acting Exec. Officer
DMEA Field Team, Region II

RECEIVED
MAY 9 1952
U. S. G. S.
SPOKANE, WASH.

Pittsburg Silver Mining Company

Exploration Project Contract Idm-E128

Amendment No. 3

Exhibit "F"

Changes and Modifications

In Exhibit "D" under Labor and supervision add:

One geologist to be hired on a fee basis for a total expenditure not to exceed $200.00.

Wash
Dmea 1/425

AMENDMENT NO. 2

It is agreed this 19th day of February 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Pittsburg Silver Mining Company, a Montana corporation, Box 1049, Kellogg, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E128 of August 28 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached therto, is made a part of this aggrement. The effective date of this amendment shall be August 28 1951.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be constued to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

PITTSBURG SILVER MINING COMPANY
(Operator)

By Eugene Keesey

The United States of America

By M E Volin

M. E. Volin, Acting Exec. Officer
DMEA Field Team, Region II

Defense

MAR 24 1952

PITTSBURG SILVER MINING COMPANY
Exploration Project Contract Idm-E128

Amendment No. 2

EXHIBIT "F"

Changes and modifications

In Exhibit "A" of the contract, add:

Travel expense of $350 shall be allowed as a cost of performing the work through January 31, 1952.

Travel expense not exceeding $50 shall be allowed as a cost of the project for each calendar month thereafter.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

AMENDMENT NO. JAN 15 8 38 AM '52

It is agreed this 3rd day of January 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Pittsburg Silver Mining Company, a Montana corporation, Box 1049, Kellogg, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E128 of August 28 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached therto, is made a part of this aggrement. The effective date of this amendment shall be August 28 1951.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be constued to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

PITTSBURG SILVER MINING COMPANY
(Operator)

By Eugene Keesley

The United States of America

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

PITTSBURG SILVER MINING COMPANY
Exploration Project Contract Idm-E128

AMENDMENT NO. 1

Exhibit "F"

In Exhibit "A", under Statement of over-all costs, delete the following:

750 feet of rehabilitation of drifts at $9.00/ft.	$6,750.00
Contingencies	720.00

In Exhibit "A", under Statement of over-all costs, add the following:

750 feet of rehabilitation of drifts at $8.00/ft.	$6,000.00
Contingencies	500.00
Skidding timber and road repairs (estimated cost)	750.00
Accounting	220.00

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
JAN 15 8 38 AM '52

MF-200
(April 1951)

Docket No. DMA 1425X
Commodity Lead-copper antimony
Idm-E128

Index
No. Card
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Reviewed
10/12/51

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 28th day of August, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2] Pittsburg Silver Mining Company, a Montana Corporation
Box 1049
Kellogg, Idaho

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Montana, County of Mineral described as follows:[3] Pittsburg Silver Mining Company property, specifically on parts of mineral claims named: West Mountain View, East Mountain View, Chester No. 6 and Chester No. 8, in section 1, T. 17 N., R. 27 W. and section 36, T. 18 N., R. 27 W., Keystone (Unorganized) Mining Dist. with respect to which the Operator represents and undertakes:[4]

(*a*) That he is the sole 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*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.~~

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for[5] lead, copper, antimony; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of[6] 6 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. 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.

5. *Fixtures and improvements.* 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. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

SEP 19 1951
RECEIVED
CONTRACT SERV. SEC.

[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.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator 50 percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $5,585, which is 50 percent of the agreed estimated total cost of this project, $11,170.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, 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.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *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 worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in ~~triplicate~~ Sextuplicate the day and year first above written.

Pittsburg Silver Mining Company
(Operator)

By Eugene Kessey
Secretary-Treasurer

THE UNITED STATES OF AMERICA

By C O Mattendorf
Director, Production Expansion Division
Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Docket DMA-1425X

Exhibit A

Exploration work at the Pittsburg Silver Mining Company property comprises the rehabilitation of 750 feet of old drift in the Keesey tunnel as shown on the accompanying map, plus the driving of from 30 to 60 feet of crosscut to explore the hanging wall of the mineralized zone at a location about as shown on the map.

The objective of the exploration is the downward extension of the Little Pittsburg ore shoot originally mined from the inclined shaft at the surface above the Keesey tunnel. This shoot is thought to lie east of the fault that passes through the collar of the underground shaft on the Keesey tunnel level and in the segment of the mineralized zone that has been displaced about 125 feet north from the position of the vein at the underground shaft on the west side of the fault.

Estimated progress schedule

First three months:

500 feet of rehabilitation of drift* at $9.00 per foot		$4,500

Second three months:

250 feet of rehabilitation of drift at $9.00 per ft.	$2,250	
60 feet of crosscutting at $25.00 per ft.	1,500	3,750

Statement of over-all costs

Rehabilitation and repair of buildings	$300.00
Equipment cost	1,900.00
750 feet of rehabilitation of drifts at $9.00 per foot	6,750.00
60 feet of new crosscutting at $25 per foot	1,500.00
Contingencies **	720.00
Total cost of project	$11,170.00

* Rehabilitation cost is low because it is anticipated that much of the drift will need relatively little work.

** To cover unforeseen expenses, especially in connection with the rehabilitation of the caved drift.

Exhibit B

None

Exhibit C

Operating equipment

a. To be rented:

One truck to haul supplies to mine as needed. Total cost not to exceed	$200.00

b. To be purchased:

3000 feet of 2" black pipe for airline at 50 ¢	1,500.00
200 feet of ventilating pipe	200.00

c. Equipment owned by company for which no regular rental is to be charged. Cost of keeping equipment in repair to be charged to project.

1 portable compressor (Schram, gasoline)
4 mine cars (27 cu. ft.)
1 drifter
Miscellaneous small equipment.

Exhibit D

Labor and supervision

Maximum of 7 miners at $13.00 per day
(Most of work will be with fewer men)

Supervisor: Supervision by Mr. Keesey who does not intend to draw a salary.

Exhibit E

Rehabilitation and repairs

The following buildings need minor repairs to place in usable condition:

2 dry houses
Compressor building
Blacksmith shop
Boarding house
Bunk house

Total cost of rehabilitation of buildings $300.00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 14215 X

Date received 5-31-51

Participation

Pittsburg Silver Mining Company
Box 1049
Kellogg, Idaho

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $11,170.00

Mineral or metal Lead-copper-antimony-silver

Percentage of Government participation 50%

Location of mine Near Superior, Mineral County, Montana

Date of filing MF-100 May 28, 1951

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

SEE ATTACHED FOR ANSWERS TO QUESTIONS.

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

JUN 5 1951

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

PITTSBURG SILVER MINING COMPANY
(Name of company)

By Eugene Kelsey
(Signature of authorized official)

May 28, 1951
(Date)

Secretary-Treasurer
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form M[illegible]103
Pittsb[illegible]g Silver Mining Company
May 28, 1951

THE APPLICANT - PITTSBURG SILVER MINING COMPANY

1. Applicant is a corporation

2. Does not apply

3. (a) Officers:
   Mae Keesey, President - Director
   W. E. Sears, Vice President - Director
   Eugene Keesey, Secretary-Treasurer - Director

   (b) Five largest shareholders:
   Eugene Keesey
   Donald McPhail
   W. E. Sears
   Barney Hogan
   Mrs. George Kennett

4. (a) The Little Pittsburg Mining Company was incorporated in 1926 under the laws of the State of Montana and operated continuously from that time until 1937 when the Company consolidated with Nancy Lee Mines, Inc. Operations at the property were carried on by the latter Company until 1941. The original Company reincorporated as Pittsburg Silver Mining Company in 1944. The Company has been operating for the past eighteen months.

   (b) Eugene Keesey will manage the property. He has been actively interested in the property since 1914 and has been managing director through the years except during the period of consolidation with Nancy Lee.

   Mr. Keesey operated a general store in Keystone, Montana prior to 1910 and later general stores in Kellogg, Idaho. From 1921 to 1944 he operated the Keesey Oil Company as wholesale and retail distributor for Shell Oil Company.

5. Pittsburg Silver Mining Company owns the property.

6. There are no liens, claims or encumbrances on property.

7. Does not apply

8. See attached - Exhibit A

9. $5,585.00

10. (a) Two patented mining claims and North 1/4 of Section 1 N. 17 R. 27 W., 193 acres patented land and contingent on the north 8 unpatented claims, Keystone (Unorganized) Mining District, 9 miles N. W. Superior, Mineral County, Montana on Sloway Creek

10. (b) Same as 10 (a)

11. Little Pittsburg Mine located 1884.

12. The Mine is 9 miles from the nearest town - Superior, Montana. It is 2 miles North of the Milwaukee Railroad which is the nearest shipping point. There is a good dirt road, open all seasons.

13. Sloway Creek provides sufficient water for the operation of 200-ton per day mill.

    Present power source gasoline and diesel, but it is anticipated electric power will be available within one year.

14. Useable facilities:

2 dry houses	Portable Compressor (Schram gasoline)
Compressor building	12 tons used rail
Blacksmith shop	5,000' 8" & 10" galvanized air pipe
Boarding house	4 - 27 cu. ft. mine cars
Bunk house	Miscellaneous hand tools necessary to carrying on a mining operation

15. Property is 2 1/2 miles from custom mill where crude ore could be trucked. Concentrates can be trucked to smelter 60 miles away at Kellogg, Idaho.

16. (a) Claims were located in 1884 and winze was sunk 300 feet at 4726 feet elevation from which approximately 1/2 million dollars was produced.

    Between 1926-1937 operations were carried on continuously on the Keesey Tunnel level.

    Between 1937-1941 the property was developed by Nancy Lee Mines, Inc. on Little Pittsburg tunnel some 500 feet below the Keesey Tunnel.

    During the period from 1941-1944 the property shut down because of war.

    From 1945-1951 rehabilitation of upper workings on the Keesey Tunnel level has been in progress. See the "Second and Third Reports on Little Pittsburg Mine" by Oscar H. Hershey which are attached to Form MF-100 designated as Exhibits A and B for data on geology of property.

    (b) Property is joined by King & Queen, Eldorado and Keystone properties now known as Nancy Lee Mines, Inc. An extensive development program is now being carried on by this Company which is considered to be the same vein which is the objective of work in Little Pittsburg.

17. Does not apply

18. (a) Lead - copper - silver - antimony ore are expected to be found at objective.

    (b) See Exhibit B - (map)

    (c) No known ore reserves at present development

19. There are no known conditions or circumstances regarding the property which are not brought out by the foregoing questions.

THE EXPLORATION

20. Minerals sought are lead, copper, and antimony. It is expected that the ore will also carry values in silver.

21. 300 feet of rehabilitation of old tunnel plus 30 to 60 feet of crosscutting (new tunnel) to pick up downward extension of the Pittsburg vein. Approximately six months time should be required to complete this project.

22. By information gained from the Little Pittsburg tunnel 500 feet below the Keesey tunnel, it is expected that the Pittsburg vein will be intersected at a distance of some 30 to 60 feet by crosscut from a point in the present tunnel which is 300 feet from the place where the tunnel has now been rehabilitated or a total distance of some 300 to 360 feet.

    Since $500,000 was produced from upper workings and since the Little Pittsburg tunnel 500 feet below the Keesey tunnel revealed good showing, it is anticipated that commercial ore will be encountered. Maps are attached under Exhibit B

THE REQUIREMENTS AND COSTS

23. (a) Labor - 7 miners @ $13.00 per day - $7,140.00

    (b) Mr. Keesey as supervisor anticipated drawing no salary.

    (c) No expenditures anticipated.

    (d) None

    (e) Ventilation pipe - $100.00
    Air line 2" black pipe 3,000 ft. @ 50¢ per foot - $1,500.00

    (f) None anticipated

    (g) $1,800

23. (h) Cost of materials and supplies:

Gasoline	$216.00
Timbers	200.00
Powder, caps and fuse	200.00
Small tools - shovels, axes, picks, etc.	100.00
Social security taxes and industrial insurance	714.00
Miscellaneous expenses and supplies (not listed above)	1,000.00
	$2,430.00

(i) None

24. Time schedule:

1st month - rehabilitation - 75 feet of tunnel	$1,750.00
2nd month - rehabilitation - 75 feet	1,750.00
3rd month - rehabilitation - 75 feet	1,750.00
4th month - rehabilitation - 75 feet	1,750.00
5th month - crosscut -(60 feet	1,750.00
6th month - crosscut -(	2,420.00
	$11,170.00

EXHIBIT A

Pittsburg Silver Mining Company
(A Montana Corporation)
Kellogg Idaho

BALANCE SHEET
December 31, 1950

ASSETS

CURRENT ASSETS:		
Cash in bank		$97.53
PROPERTY, PLANT AND EQUIPMENT:		
Mining claims (par value of stock issued therefor)	$6,766.79	
Development (schedule 1)	26,060.04	32,826.83
Total assets		$32,924.36

LIABILITIES

CURRENT LIABILITIES:		
Account payable - Eugene Keesey	$5,848.15	
Note payable on demand - Eugene Keesey	5,193.34	
F. O. A. B. and withholding tax payable	103.50	
Total current liabilities		$11,144.99
CAPITAL:		
Capital stock, par value 1 cent (Note 1):		
Authorized - 2,000,000 shares	20,000.00	
Unissued - 1,227,839 shares	12,078.39	
Outstanding - 792,161 shares		7,921.61
Capital surplus - premium on capital stock sold		13,857.76
Total		$32,924.36

NOTE 1: 48,250 shares of capital stock have been sold under terms of a preferred stock agreement. This agreement provides that prior to the payment of any dividends on common stock, the subscription price of the preferred stock shall be refunded out of a fund provided by the application of 25% of the net profit of the Company. The balance of the capital stock outstanding consists of common stock only.

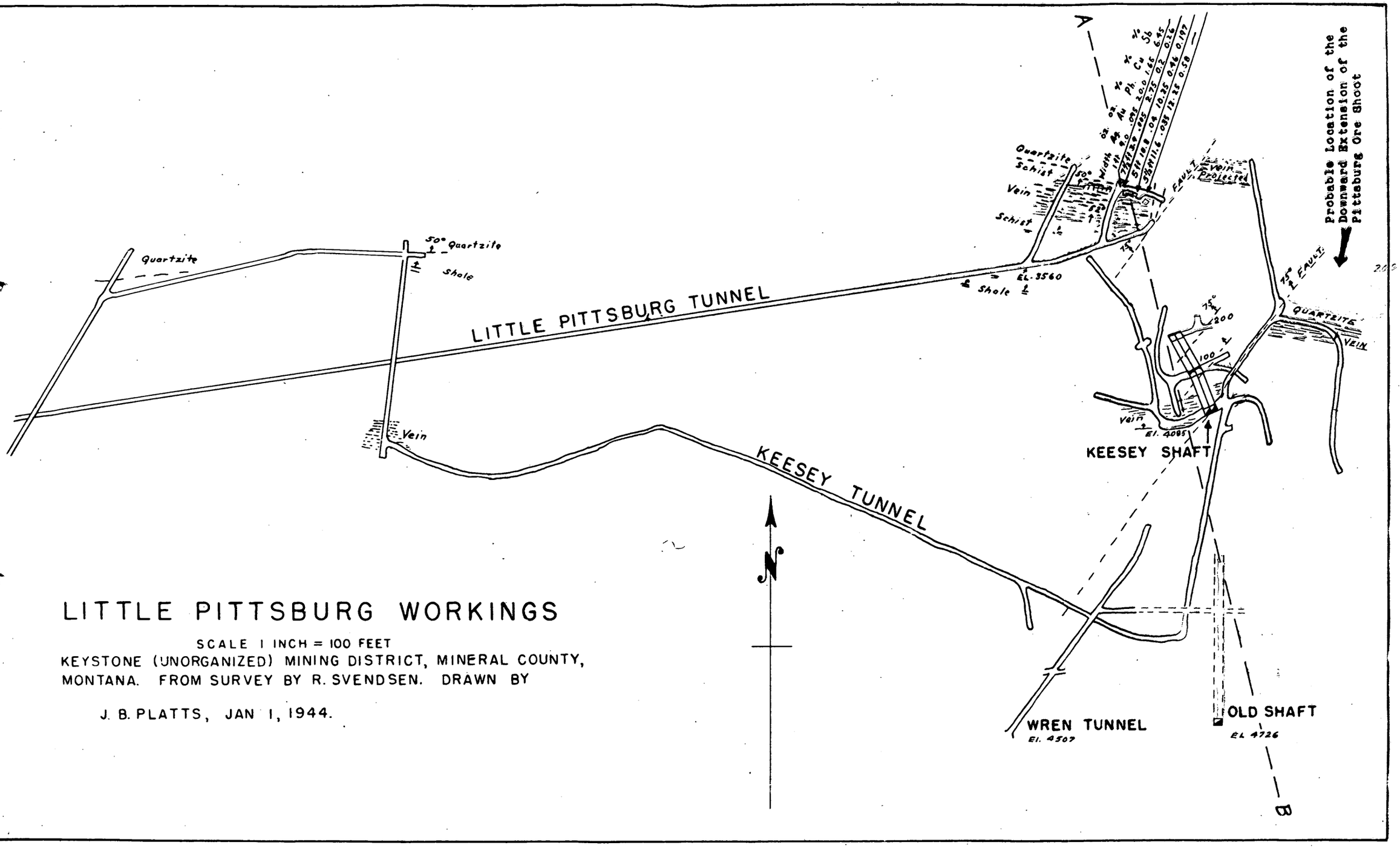
Schedule 1

Pittsburg Silver Mining Company
(A Montana Corporation)
Kellogg Idaho

STATEMENT OF DEVELOPMENT COSTS
For the year ended December 31, 1950

Balance, January 1, 1950		$18,589.27
Additions:		
Mine labor	$7,158.11	
Supplies and expense	3,126.57	
Accounting	239.10	
Bulldozing	116.00	
Insurance - compensation	371.04	
Taxes - social security	165.78	
Miscellaneous	434.17	
	11,610.77	
Less - income sale of logs	4,140.00	7,470.77
Balance, December 31, 1950		$26,060.04

EXHIBIT B



LITTLE PITTSBURG WORKINGS

SCALE 1 INCH = 100 FEET
KEYSTONE (UNORGANIZED) MINING DISTRICT, MINERAL COUNTY, MONTANA. FROM SURVEY BY R. SVENDSEN. DRAWN BY

J. B. PLATTS, JAN 1, 1944.

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 1429 X

Date received 5-31-51

Pittsburg Silver Mining Company
Box 1049
Kellogg, Idaho

Name and address of applicant

Date May 28, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity Certificate pursuant to the provisions of Sec. 101(a)(2) (Amortization)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

5 GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

SEE ATTACHED FOR ANSWERS TO QUESTIONS (except for 8 and 9)

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production .....

   If not in production or operation, estimated date when production will begin .....
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Mae Keesey	President (D)	-0-		1,000			
William E. Sears	Vice President (D)	-0-		29,000			
Eugene Keesey	Secretary-Treas. (D)	-0-		313,575			
Donald MacPhail				60,000			
S. Haugen				27,188			
F. George Kennett				21,000			
	Total	-0-	x x x x x	451,763		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ 20,000.00	$ 7,921.61	$ .01	792,161	-0-
Preferred stock	$ -0-	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Pittsburg Silver Mining Company
(Name of company)

By Eugene Keesey
(Signature of authorized official)

May 28, 1951
(Date)

Secretary-Treasurer
(Title)

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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

GENERAL TECHNICAL DATA

1. Materials produced:
   (a) Lead, copper, antimony and silver ore.
   (b) No by products

2. 12,000 feet underground tunnels, drifts, crosscuts and shafts

3. The Mine is located 9 miles from the nearest town, Superior, Montana, in a northwesterly direction and it is two miles from the Milwaukee Railroad, the nearest shipping point. The mining claims are located in Section 1 N. 17 R. 27 West, Keystone (Unorganized) Mining District in Mineral County, Montana.

4. (a) The property has been in operation for the past eighteen months by the Company under the direction of Eugene Keesey, managing director.

   (b) The Company has been operating as owner.

5. The property has not been in production in recent years, but has been in a development stage anticipation reaching a production stage.

6. (a) The Little Pittsburg Mining Company was incorporated in 1926 under the laws of the State of Montana and operated continuously from that time until 1937 when the Company consolidated with Nancy Lee Mines, Inc. Operations at the property were carried on by the latter Company until 1941. The original Company reincorporated as Pittsburg Silver Mining Company in 1944. The Company has been operating for the past eighteen months.

   (b) Eugene Keesey will manage the property. He has been actively interested in the property since 1914 and has been managing director through the years except during the period of consolidation with Nancy Lee.

   Mr. Keesey operated a general store in Keystone, Montana prior to 1910 and later general stores in Kellogg, Idaho. From 1921 to 1944 he operated the Keesey Oil Company as wholesale and retail distributor for Shell Oil Company.

7. (a) Claims were located in 1884 and winze was sunk 300 feet at 4726 feet elevation from which approximately 1/2 million dollars was produced.

   Between 1926-1937 operations were carried on continuously on the Keesey Tunnel level.

   Between 1937-1941 the property was developed by Nancy Lee Mines, Inc. on Little Pittsburg tunnel some 500 feet below the Keesey Tunnel.

   During the period from 1941-1944 the property shut down because of war.

7. (a) From 1945-1951 rehabilitation of upper workings on the Keesey Tunnel level has been in progress. See the "Second and Third Reports on Little Pittsburg Mine" by Oscar H. Hershey which are attached to Form MF-100 designated as Exhibits A and B for data on geology of property.

   (b) Property is joined by King & Queen, Eldorado and Keystone properties now known as Nancy Lee Mines, Inc. An extensive development program is now being carried on by this Company which is considered to be the same vein which is the objective of work in Little Pittsburg.

8. See form

9. See form

10. Production:
    There has been no production from the property during recent years. Figures on early production are not available.

11. Does not apply

12. Ore or mineral reserves:
    (a) See attached EXHIBIT A and B
    (b) (1 & 2) Property is in the development stage, ore reserves are not known.
    (c) Does not apply

13. Access Roads:
    The property is nine miles from Superior, Montana, the nearest town and there is a two-mile dirt road to the property from U. S. Highway No. 10. The road is an all-season dirt road which is in good condition.

14. Water supply:
    The property is located on Sloway Creek which provides sufficient water to operate a 200-ton per day mill at all seasons of the year.

15. Power:
    The only power available at present is gasoline. It is anticipated that an electric power line will be available within a year.

16. Three miners per shift have been employed recently in rehabilitation of the tunnel.

17. Equipment and facilities:

2 dry houses	12 tons used rail
Compressor building	5000 ft. - 8" & 10" galvanized air pipe
Blacksmith shop	4 - 27 cu. ft. mine cars
Boarding house	Miscellaneous hand tools necessary to carrying on a mining operation
Bunk house	
Portable Compressor (Schram, gasoline)	

All of the equipment and buildings are in good condition.

18. There are no known particular conditions or circumstances affecting this operation which are not described above.

EXHIBIT
Form MF-100
Pittsburg Silver Mining Company
May 28, 1951

HERSHEY & WHITE;

CONSULTING ENGINEERS,

CROCKER BUILDING, SAN FRANCISCO, CALIFORNIA

SECOND REPORT ON

LITTLE PITTSBURG MINE

IN MINERAL COUNTY, MONTANA.

BY OSCAR H. HERSHEY.

Kellogg, Idaho,
September 19th., 1931.

Mr. Eugene Keesey,
Kellogg, Idaho.

Dear Sir:

In my report of June 27th., 1929, I recommended that you drive the last south crosscut in the Little Pittsburg mine ahead to the vein, due in 100 feet more or less and then drive eastward on the vein to the oreshoot. The crosscut was advanced about 135 feet and thence for 12 feet it cut a zone of light mineralization that I regard as the vein sought. A small lensy seam of quartz and siderite that dips northward 50° marks the footwall. Bunches of this material with a little silver occur scattered in the remainder of the zone but I did not see a definite hanging-wall. A drift was begun eastward along the hanging-wall of the zone, but the vein proved difficult to follow and at 60 feet a lens of quartz and siderite that yielded low silver assays went into the left wall and thence the drift is in the footwall of the vein. In places it follows along the strike of the schistosity, but generally it is cutting the schistosity obliquely. There are small pyrite lenses in places and you have told me you got low silver assays, but there is nothing that I would recognize as a vein to a point about 810 feet in the drift where a zone comes in from the right that is quartz-siderite-seamed, constituting a vein 4 or 5 feet wide, with a gouge and small pockets of chalcopyrite. Finally at about 1060 feet the drift was swung around into a crosscut on a course about N. 10° E. and driven about 300 feet. About 90 feet back from the face there is a small band of ribbon quartz with a little pyrite and a yellow stain. It dips northward 60°. It is

the footwall stringer in a zone 7 feet wide, with thin quartz seams, ending in a dark gray mineral-stained band of schist up to 6 inches thick that you say assayed 15 to 36 ozs. silver per ton. Thence for 60 feet or more the schist is more or less streaked with light mineral-bearing seams and at 18 feet there is a rather definite vein of quartz and siderite with abundant gray sulphide. (What I am calling siderite in this report is an iron-bearing carbonate and may not be strictly siderite but belongs to the iron-lime carbonate family of minerals.) This is distinctly the "lead band" and three samples you took assayed as follows:

Lead	Silver	Antimony	Copper	Gold
25.1%	84.2 ozs.	14.4%	2.4%	.115 ozs.
15.8%	79.4 ozs.			
8.8%	93.7 ozs.			

No galena is clearly distinguishable in the ore and the high lead and low copper contents indicate an antimonial sulphide in which lead largely takes the place of copper, a rather rare mineral in the Coeur d'Alene District. The vein strikes N. 60° E. and dips northward 60°. It is probably the footwall vein of the two veins said to exist near the surface. Though it is rather lensy it has the appearance of a vein that might thicken into a good ore-shoot and I would recommend driving on it if nothing better were in sight.

Near the hanging-wall of the mineralized zone a narrow seam 1 to 1.5 inches thick is rich in tetrahedrite and has yielded the following assays.

Lead	Silver	Antimony	Copper	Gold
0.7%	765.2 ozs.	9.0%	14.2%	0.30 ozs.
Nil	331.5 ozs.		5.8%	0.12 ozs.

This is called the High-Grade seam and you are probably correct in considering it the band that has the ore-shoot that was mined down from the surface. Adrift was begun eastward on it, but in 10 feet the seam was cut off by a small fault gouge that strikes northwestward and dips northeastward 60°. Beyond this fault the schist is essentially barren. The fault is probably a normal fault and the ore seam might be p icked up again in a few sets by driving southeastward over the fault. As we do not know definitely which way the ore-shoot rakes we agreed that it will also be well to drive westward on the High-Grade seam. The ore-shoot is probably not far away and may be cut in a short time.

The hanging-wall side of the mineralized zone dips northward 45°. Beyond it 20 feet to the face the rock appears barren though you say it has a few thin seams of mineral. At the face the rock has become quite quartzitic.

I am very favorably impressed by the showing in this crosscut. The entire mineralized zone, 70 or more feet wide may be considered the Little Pittsburg vein. This has increased from a 1 to 2-inch seam of quartz in the main tunnel crosscut to a 12-foot lightly mineralized zone 450 feet farther east in the South crosscut and to a 70-foot zone streaked with narrow seams of silver-bearing mineral, 1000 feet farther east in the new crosscut. The problem now is to find the ore-shoot in this large vein. After the original shoot has been found others may be found for it is not probable that there is but one ore-shoot in this large vein. You are looking for a small shoot of high-grade shipping ore, but it isnot beyond the bounds of possibility that you may also develop considerable bodies of low-grade milling ore.

The Little Pittsburg vein as a mineralized zone can be traced to the east end line of the East Mountain View claim by the topography and float. Then it is obscured by vegetation and soil for some distance but I have no doubt that it extends in the Vulcan group to an inclined shaft near the east end of the Chester No. 2 claim. At this point there are also two old tunnels. From the dumps at this locality you picked samples which assayed as follows:

Silver
6.50 ozs.
29.00 ozs.
27.50 ozs.
66.00 ozs.
7.00 ozs.
11,617.00 ozs.

The last must have been largely silver chloride from a small pocket in the oxidized portion of the vein. The dump of the upper tunnel is especially rich in azurite and malachite stains and in porous yellowish seams of oxidized lead and antimony minerals. This tunnel probably shows the hanging-wall band, 12 to 24 inches thick. The mineral seems to be mostly a stain.

The inclined shaft connects with the lower tunnel and develops a lower hard silicified band about 150 feet in a direction northwest to southeast. The band is mostly iron-stained only. It dips northeastward 15°. Copper stain is more likely to occur at and near the surface than at greater depth in the oxidized and leached zone of a vein of this class. The vein here may be 25 or

30 feet thick.

I have pointed out that the assays you secured came from seams and pockets and it is not likely that an ore-shoot occurs at this locality. But as a structural feature the vein is still strong and stands a very fair chance of having a series of small ore-shoots in the 2200 feet of unexplored country between the Little Pittsburg shaft and this locality. I consider the evidence strong enough to warrant extensive exploration of this zone eastward from your present work.

Respectfully submitted,

(Signed) Oscar H. Hershey.

EXHIBIT
Form MF-100
Pittsburg Silver Mining Company
May 28, 1951

THIRD REPORT ON LITTLE PITTSBURG MINE

IN MINERAL COUNTY, MONTANA.

By Oscar H. Hershey.

Kellogg, Idaho,
September 5th, 1936.

Mr. Eugene Keesey,

Kellogg, Idaho.

Dear Sir:

As the result of my visit today with you to the Little Pittsburg mine I offer the following comments and recommendations: Work done since my 1931 visit has made it possible to recognize that the mineralized zone is related to the footwall of a series of white quartzite beds that have a combined thickness of about 100 feet and which, because of northward dips of 35° to 55°, occupy a zone about 170 feet wide. The central and upper portions of the formation are hard and little sheared, but the lower portion has been severely sheared in places. This made it possible for mineral-depositing solutions to ascend in the fractured quartzite and the main ore-bearing horizon is at and near the bottom of the quartzite. A series of more or less connected lenses form what I will call the "base vein" because it consists of iron, antimony, lead, zinc, and copper sulphides in addition to the tetrahedrite that is the principal silver-bearing mineral in this property. However, the principal occurrence of this kind of ore is in the form of a chimney with lenticular cross-section and whose longer diameter diverges from the footwall toward the west. A winze or so-called shaft was begun in this chimney on the Keesey Tunnel level and inclined in a direction about N. 25° W. At the 100-foot level the chimney is immediately west of the "shaft" and at the 200-foot level the "shaft" is in the chimney of base ore. It is here 15 feet thick and seems to me stronger than on higher levels. A winze is now being sunk on several very high-grade but small seams of tetrahedrite that occur 15 to 20 feet in a crosscut that has been driven northward from the drift about 25 feet east of the "shaft." Just east of the mouth of this crosscut there is a fault whose course is about N. 30° E. and dip westward 75°. The same fault may be recognized a short distance east of the "shaft" on the 100-foot level

where it dips westward 70°. On the tunnel level it occurs at the mouth of the drift to the "shaft" and dips westward 75°. On this level it can now be determined that the fault displaces the quartzite belt northward east of the fault a distance of about 65 feet. One can see that the mineralized belt is similarly displaced but it is much weaker east of the fault than west of it. In fact, it weakens to such an extent that in the long crosscut about 150 feet east from the fault about the only mineral seen was traces of the base vein in the lower 18 inches of the quartzite and a few small pockets of sulphides in a 35-foot zone of schist full of irregular seams of crushed quartz and carbonate. Centrally situated in the quartzite belt there is a small quartz and sulphide seam that you said carries an ounce of gold per ton and considerable zinc. The same seam may be present in the quartzite west of the fault where many small sulphide seams occur even up to near the top of the formation.

The fault is doubtless cutting the best mineralized ground with depth and hence I think that the best chance of finding ore adjacent to and on the east side of the fault lies on the 200-foot level. A drift has been driven about 65 feet beyond the fault in soft barren schist. I recommend that from its face you crosscut on a course N. 25° E. This is true and not magnetic, based upon the supposition that the section line on the map handed me is about true east. The base of the quartzite may occur anywhere between 30 and 50 feet, depending upon the dip. Be certain you do not anywhere cross to the west side of the fault. Continue crosscutting into the sheared quartzite until the high-grade seams are found.

My next suggestion will be that then you drive eastward along the footwall of the quartzite in search of another ore-shoot. While the mineral showing is weak in the crosscut on the tunnel level 150 feet east of the fault I am disposed to repeat an observation made in my 1931 report after discussing a surface showing near the east end of the Chester No. 2 claim. "But as a structural feature the vein is still strong and stands a very fair chance of having a series of small ore-shoots in the 2200 feet of unexplored country between the Little Pittsburg shaft and this locality. I consider the evidence strong enough to warrant extensive exploration of this zone

eastward from your present work."

The work could be most conveniently done on the tunnel level and would be as effective as on a lower level.

Respectfully submitted,

/s/ Oscar H. Hershey

EXHIBIT
Form MF-100
Pittsburg Silver Mining Company
May 28, 1951

BUNKER HILL SMELTER

BUNKER HILL & SULLIVAN MINING & CONCENTRATING COMPANY

P. O. Address: KELLOGG, IDAHO
R. R. Station: BRADLEY, IDAHO

In Account With

LITTLE PITTSBURG MINING CO.

Name of Mine: Little Pittsburg Mine Lot No.: Smelter Lot No.: 1

Location: Ashmore, Montana R. R. Shipping Point: Ashmore, Montana Class:

DATE OF ARRIVAL: 10/4/32 DATE OF SAMPLING: 10/4/32 DATE OF SETTLEMENT: 11/3/32

Car Initial	Car No.	H.O	Weight, lbs.
Milw.	86756		47740

TOTAL GROSS WEIGHT
Sacks. Weight of Sacks
GROSS WEIGHT OF ORE
Moisture Pounds 0.2% 95
DRY WEIGHT OF ORE 47645

SETTLEMENT ASSAYS

Gold	.16	Ounces Per Ton
Silver	103.3	Ounces Per Ton
Copper	3.3-1.0 2.3	Per Cent
Lead	15.55-1.25 14.30	Per Cent
Iron	11.0	Per Cent
Insoluble	37.4	Per Cent
Sulphur	11.9	Per Cent
Zinc		Per Cent
Antimony	8.1	Per Cent
Arsenic	.025	Per Cent
Bismuth		Per Cent

E. & M. J. QUOTATIONS

Per Oz.
Per Oz.
Per Oz.
Silver WE 11/2/32
=.26896 Per Oz.
Lead DO
3.00 Per Cwt.
Copper
= Per Lb.

PAYMENT FOR METALS

				VALUE PER TON
Gold Oz.	@	Per Oz	$	
Gold Oz.	@	Per Oz		
Gold .16 Oz.	@ 20.00	Per Oz.	$	3.040
Silver 103.3 Oz 95 %	@ .26896	Per Oz		26.394
Lead 14.3 % 90 %	@ .03	Per Lb.	$	7.722
Copper 2.3 %	% @	Per Lb		
		Gross Value	$	37.156
LESS TREATMENT				22.368
NET VALUE PER TON			$	14.788

TOTAL OUNCES SILVER IN THIS SHIPMENT

TREATMENT

	PER TON
Treatment Charge (Based on)	$ 12.000
Less 38.7 % Pb. under 50 % @ 10¢	$ 3.570
Plus % Pb. over % @	$
Additional refining charge. Silver over. 35 Oz.	$ 8.430
68.3 Oz. @ 3 cts. per Oz.	$ 2.049
Sulphur Penalty over 4 % @ 25¢	$ 1.975
Bismuth Penalty Lbs. @	$
Zinc Penalty over % @	$
Antimony over) % @	$
Arsenic over) % @ 1500	$ 8.125
Moisture over % @	$
Freight on Lead to New York 257.4 Lbs. @ $ 13.90 per ton	$ 1.789
TOTAL TREATMENT	$ 22.368

SETTLEMENT

DRY WEIGHT 47645 POUNDS= 23.8225 TONS @ $ 14.788 PER TON EQUALS $ 352.29

Less Freight from Shipping Point to Bradley, Idaho
Frt. rate based on Minimum car 30 tons @ 3.06 per ton
Based on Value of 11.70 per gross ton
Gross Weight 47740 Pounds 23.87 Tons @ $ per ton equals $ 91.80 $
Preliminary Payment $ 200.00 $ 291.80
Extra Sampling $ $
Umpire Charges $ $
Switching or Transfer Charge $ $
Amount due on receipt of silver affidavits ozs. @ 95% @ $ $
$ $
$ $
$ $
NET PROCEEDS $ 60.49

Rates subject to change without notice, except on ore under contract. An extra charge of $10.00 will be made for sampling all lots of less than five dry tons.

BUNKER HILL & SULLIVAN MINING & CONCENTRATING COMPANY.

BY

MLC-1 Fm. 845 10m-1-41

EXHIBIT
Form MR 100
Pittsburg Silver Mining Company
May 28, 1951

BUNKER HILL SMELTER

ASSAY LABORATORY

KELLOGG, IDAHO April 19 1933

Keesey

DO NOT WRITE IN THIS SPACE

Lot	MARK	Moisture Per Cent	Gold Ozs. Per Ton	Silver Ozs. Per Ton	Copper Wet. Per Cent	Lead Wet Per Cent	Iron Per Cent	Mang'ese Per Cent	Insol. Per Cent	Alumina Per Cent	Lime Per Cent	Sulphur Per Cent	Zinc Per Cent	Antimony Per Cent	Arsenic Per Cent	Per Cent	Per Cent
11	1st Cts			670.6										17.6			
12	1st Mids			236.0										15.0			
13	2nd Cts			20.4										1.1			
14	Tails			1.0										0.0			
	Hand Sample		0.33	256.6		25.1											

NEWS PRINT KELLOGG 1 53 5 5000

BUNKER HILL SMELTER

By [illegible] Chief Chemist

EXHIBIT
Form M-100
Pittsburg Silver Mining Company
May 28, 1951

BUNKER HILL SMELTER

CONTROL ASSAY.

KELLOGG, IDAHO, NOV. 17, 1936

LITTLE PITTSBURG

(E. KEESEY)

CAR	Smelter Lot	MARK	Moisture Per Cent	Gold Ozs. Per Ton	Silver Ozs. Per Ton	Copper Wet Per Cent	Lead Wet Per Cent	Iron Per Cent	Mang'ese Per Cent	Insol. Per Cent	Lime Per Cent	Sulphur Per Cent	Zinc Per Cent	Antimony Per Cent	Arsenic Per Cent	Bismuth Per Cent
40	2-A	CRUDE	0.10	.04	24.9	0.8	7.5	25.0		28.0		9.2	0.2	3.1	.06	0.0
"	2-B	"		.04	25.0		7.5									

By J. [illegible] JOHNSON Chief Chemist

C

EXHIBIT C
Form M-100
Pittsburg Silver Mining Company
May 28, 1951

BUNKER HILL SMELTER

ASSAY OFFICE

KELLOGG, IDAHO August 2, 1941

Keesey Oil Company

Kellogg, Idaho

Lot	MARK	Moisture Per Cent	Gold Ozs. Per Ton	Silver Ozs. Per Ton	Copper Wet Per Cent	Lead Wet Per Cent	Iron Per Cent	Mang'ese Per Cent	Insol. Per Cent	Alumina Per Cent	Lime Per Cent	Sulphur Per Cent	Zinc Per Cent	Antimony Per Cent	Arsenic Per Cent	Bismuth Per Cent	Per Cent
	Hand Sample		.12	20.2	1.4	24.8								7.8			

NEWS PRINT KELLOGG 8 41 100 8000

By J. W. JOHNSON Chief Chemist

C

EXHIBIT
Form M-00
Pittsburg Silver Mining Company
May 28, 1951

BUNKER HILL SMELTER

ASSAY OFFICE

KELLOGG, IDAHO Sept. 4, 1941

E. Keesey

Kellogg, Idaho

Lot	MARK	Moisture Per Cent	Gold Ozs. Per Ton	Silver Ozs. Per Ton	Copper Wet Per Cent	Lead Wet Per Cent	Iron Per Cent	Mang'ese Per Cent	Insol. Per Cent	Alumina Per Cent	Lime Per Cent	Sulphur Per Cent	Zinc Per Cent	Antimony Per Cent	Arsenic Per Cent	Bismuth Per Cent	Pa
1	Hand Sample		.02	1.8	--	--							--				
2			.24	44.6	2.9	12.7							1.2				
3			.01	5.0	2.4	0.6							0.4				

NEWS PRINT KELLOGG 9 41 150 5000

By J. W. JOHNSON Chief Ch

C

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

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

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

Month of October, 1952 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: 50 % Amount, $5,565.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1,124.25	4,499.69	5,623.94	773.90	3849.64	4623.54
Supervision						
Technical Services		200.00	200.00		200.00	200.00
(3) Operating Mat'ls. and Supplies:						
Timber		386.66	386.66	59.00	386.66	445.66
Explosives						
Pipe						
~~Track~~ Misc.				22.47		22.47
Gas, oil		449.79	449.79		389.69	167.77
Small tools		20.20	20.20	186.43	20.20	206.63
(4) Operating Equipment:						
Rental					10.00	-0-
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs					57.50	57.50
(6) New Bldgs., Improvements, etc.		57.50	57.50			
(7) Miscellaneous:		407.71	407.71		407.71	407.71
Repairs to Equipment		90.99	90.99	8.59	29.78	38.37
Sampling and Analysis		32.50	32.50		-0-	-0-
Payroll Taxes		48.47	48.47	11.61	57.10	68.71
Compensation Insurance		79.34	79.34	20.90	102.78	123.68
Accounting		111.00	111.00		191.00	191.00
Taxes		52.57	52.57	43.34	213.17	256.51
(8) Contingencies (specify):						
Transportation		32.52	32.52		32.52	-0-
Misc. bldg. mat. etc.		35.22	35.22		16.30	-0-
Sec. file [illegible]		496.04	496.04	32.52	511.09	543.61
TOTALS	1,124.25	6,904.20	8,028.45	888.02	6465.14	7353.16

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

Date 12/30/52 *Payee Pittsburg Silver Mining Company

Per E. T. Scott Title President

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

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

(Instructions on reverse)

Final payment.

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

$444.01

Signature [illegible]
(Authorized Certifying Officer)

Date 4/16/54 Vou. No. 1134
(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. E128 in accordance with the terms of the contract.

Signature /S/ Eric H. Erickson Title Mining Engr Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Elvin A. Magill Title Mining Engr Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 1425X Contract No. Id-B-120

Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper

Address P. O. Box 469 Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tunnel Repair		$1,124.25		$8,060.95				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				57.50				
TOTAL COSTS		$1,124.25		$8,118.45				

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

REMARKS: See progress report

Date 12/30/52 Operator Pittsburg Silver Mining Co.

Per E. J. Scott Title President

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

(Instructions on reverse)

(For Government use only)

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

Pittsburg Silver Mining Company
P. O.Box 469
Wallace Idaho

PROGRESS REPORT
October 1952

Work was continued on opening up the Keesey shaft. The ground was heavily caved and the progress was slow. Sufficient opening was done to enable engineers to inspect the mineral showings and to take samples.

PITTSBURG SILVER MINING COMPANY

By E. T. Scott
E. T. Scott

Griswold
Betty

DMEA Field Team, Region II

April 10, 1953

R. J. Hindman, Certifying Officer

Pittsburg Silver Mining Company, contract Idm-E128, 104A and Narrative, October 1952.

As per instructions in Special Notice 192, one copy each of the above is attached to this letter. Both copies of the MF-104 and narrative are being retained at this office until the final audit of this firm has been completed. At that time all of Washington's copies will be sent in.

R. J. Hindman

cc:
USGS
AD
DF
RMH

Wash. ✓

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 5 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 1425 X Contract No. Idm-E 128
Operator's Name Pittsburgh Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469, Wallace, Idaho
Contract Amount, $1,170.00 Government Participation: 50 % Amount, $5,585.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	$1,305.79	$3,103.90	$4,409.69			
Supervision						
Technical Services		200.00	200.00			
(3) Operating Mat'ls. and Supplies:						
Timber		396.66	396.66			
Explosives						
Pipe						
Track						
Gas, oil	25.25	418.54	443.79			
Small tools		20.20	20.20			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		57.50	57.50			
(7) Miscellaneous:		407.71	407.71			
Skidding and Road Repr. Repairs to Equipment	9.50	81.49	90.99			
Sampling and Analysis		32.50	32.50			
Payroll Taxes		48.47	48.47			
Liability Insurance						
Compensation Ins.		79.34	79.34			
Accounting		191.00	191.00			
Taxes		52.57	52.57			
(8) Contingencies (specify):						
Transportation		32.52	32.52			
Misc.-pstg. tel. etc.		35.22	35.22			
Car Mileage		496.04	496.04			
TOTALS	$1,340.54	$5,653.66	$6,994.20	1060.05	5405.09	6465.14

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

Date 12/30/52 *Payee Pittsburg Silver Mining Company

Per E. J. Scott Title President

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

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

(Instructions on reverse)

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

$ 530.03

Signature (Authorized Certifying Officer)

Date 1/29/53 Vou. No. 640
(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. E128 in accordance with the terms of the contract.

Signature /s/ Eric G. Erickson Title Mining Engr. Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Elwin A. Magill Title Mining Engr. Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 5 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 1425X Contract No. Idm-E 128
Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469 Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tunnel Repairs		$1,340.54		$6,936.70				
TOTAL DISTRIBUTED COSTS		1,340.54		6,936.70				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				57.50				
TOTAL COSTS		$1,340.54		$6,994.20				

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 12/30/52 Operator Pittsburg Silver Mining Co.

Per E. C. Scott Title President

REMARKS: In the type of work carried on it is difficult to determine exact portage completed.

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

Pittsubrg Silver Mining Company
P.O. Box 469
Wallace Idaho

PROGRESS REPORT
Septemer 1952

During the month of September the work consisted of retimbering spots in the last 1,500 feet of the tunnel and cleaning up the tunnel. Work was commenced on opening up the caved in Keesey shaft.

Pittsburg Silver Mining Company

By E. T. Scott
E. T. Scott

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 1425 X Contract No. Idm-E 128
Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469, Wallace, Idaho
Contract Amount, $11,170.00 Government Participation: 50% Amount, $ 5,585.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	$902.71	$2,201.19	$3,103.90			
Supervision						
Technical Services	200.00		200.00			
(3) Operating Mat'ls. and Supplies:						
Timber	10.00	386.66	396.66			
Explosives						
Pipe						
Track						
Gas, oil		418.54	418.54			
Small tools	18.14	2.06	20.20			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		57.50	57.50			
(7) Miscellaneous: Skidding & Road Repair	108.00	299.71	407.71			
Repairs to Equipment	43.73	37.76	81.49			
Sampling and Analysis		32.50	32.50			
Payroll Taxes		48.47	48.47			
Liability Insurance						
Compensation Ins.		79.34	79.34			
Accounting	44.00	147.00	191.00			
Taxes		52.57	52.57			
(8) Contingencies (specify):						
Transportation		32.52	32.52			
Misc.-pstg.tel.etc.		35.22	35.22			
(7) Car Mileage		496.04	496.04			
TOTALS	$1,326.58	$4,327.08	$5,653.66	191.42	4213.67	5405.09

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

Date 12/30/52 *Payee Pittsburg Silver Mining Company

Per E. T. Heath Title President

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

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

(Instructions on reverse)

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

$ 595.71

Signature (Authorized Certifying Officer)

Date 1-29-53 Vou. No. 640
(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 128 in accordance with the terms of the contract.

Signature /s/ Eric G Erickson Title Mining Engr Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Thomas E Howard Title Mining Engr Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 6 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1952 Docket No. DMEA 1425X Contract No. Idaho-E-128

Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper

Address P. O. Box 469 Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tunnel Repair		$1,326.58		$5,596.16				
TOTAL DISTRIBUTED COSTS		1,326.58		5,596.16				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				57.50				
TOTAL COSTS		$1,326.58		$5,653.66				

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

REMARKS: Work consisted of repair & retimbering to maintain tunnel

Date 9/18/52 Operator Pittsburg Silver Mining Co.

Per E. J. Scott Title President

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

(Instructions on reverse)

(For Government use only)

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

Pittsburg Silver Mining Company
Box 469
Wallace Idaho

PROGRESS REPORT
August 1952

The month's operations have been confined to cleaning and repairing the tunnel, driving spiling and retimbering to reach the station. At this point the old shaft will be opened.

PITTSBURG SILVER MINING COMPANY

By E. T. Keith

DATED: September 18, 1952

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1952 Docket No. DMEA 1425 X Contract No. Idu-E 128
Operator's Name Pittsburg, Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469, Wallace, Idaho
Contract Amount, $11,170.00 Government Participation: 50 % Amount, $5,585.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	$195.19	$2,006.00	$2,201.19			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		386.66	386.66			
Explosives						
Pipe						
Track						
Gas, oil	44.73	373.81	418.54			
Small tools	2.06		2.06			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		57.50	57.50			
(7) Miscellaneous: Skidding & Road Repair	18.20	281.51	299.71			
Repairs to Equipment	27.30	10.46	37.76			
Sampling and Analysis		32.50	32.50			
Payroll Taxes		48.47	48.47			
Liability Insurance						
Compensation Ins.		79.34	79.34			
Accounting	10.00	137.00	147.00			
Taxes		52.57	52.57			
(8) Contingencies (specify):						
Transportation		32.52	32.52			
Misc.-pstg. tel. etc.	19.77	15.45	35.22			
(7) Car Mileage	50.00	446.04	496.04			
TOTALS	$367.25	$3,959.83	$4,327.08	280.38	3933.29	4213.67

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

Date 12/30/52 *Payee Pittsburg Silver Mining Company

Per Eugene Blesy Title Secretary

*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:

$ 140.19

Signature (Authorized Certifying Officer)

Date 1/28/53 Vou. No. 640
(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 128 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Engr. Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Elvin A. Magill Title Mining Engr Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 6 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1952 Docket No. DMEA 1425 X Contract No. Idm-E 128
Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469 Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation & Tunnel Repair		$367.25		$4,269.58				
TOTAL DISTRIBUTED COSTS		367.25		4,269.58				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				57.50				
TOTAL COSTS		$367.25		$4,327.08				

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 12/30/52 Operator Pittsburg Silver Mining Co.

Per Eugene Keesey Title Secretary

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

Pittsburg Silver Mining Company
Box 1049
Kellogg Idaho

August 14, 1952

PROGRESS REPORT
July, 1952

Work was resumed at the Little Pittsburg Mine July 16, 1952 by two men which has been increased to four men at present. We are retimbering the tunnel cave and removing the muck. We have also replaced brake shoes on mine cars and overhauled the ventilating fan engine. Tunnel is now well ventilated.

PITTSBURG SILVER MINING COMPANY

By Eugene Keesey
Eugene Keesey

Pittsburg Silver Mining Company
P. O. Box 1049
Kellogg Idaho

PROGRESS REPORT
June, 1952

During June of 1952 no operations were carried on at the mine. The shortage of labor created by the high wages and extension work being carried on by lumber companies in the Superior area make it impossible to secure miners for our operation.

PITTSBURG SILVER MINING COMPANY

By Eugene Keesey
Eugene Keesey

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1952 Docket No. DMEA 1425 X Contract No. Idm-E 128
Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469, Wallace, Idaho
Contract Amount, $11,170.00 Government Participation: 50 % Amount, $5,585.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		$2,006.00	$2,006.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		386.66	386.66			
Explosives						
Pipe						
Track						
Gas, oil	$14.91	358.90	373.81			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		57.50	57.50			
(7) Miscellaneous:	38.09	243.42	281.51			
Skidding & Road Repair						
Repairs to Equipment		10.46	10.46			
Sampling and Analysis		32.50	32.50			
Payroll Taxes		48.47	48.47			
Liability Insurance						
Compensation Ins.		79.34	79.34			
Accounting	17.50	119.50	137.00			
Taxes		52.57	52.57			
(8) Contingencies (specify):						
Transportation		32.52	32.52			
Misc.- pstg. tel. etc.		15.45	15.45			
(7) Car Mileage	34.44	411.60	446.04			
TOTALS	$104.94	$3,854.89	$3,959.83	104.94	3828.35	3933.29

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

Date 12/30/52 *Payee Pittsburg Silver Mining Company

Per Eugene Kelly Title Secretary

*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:

$ 52 47

Signature
(Authorized Certifying Officer)

Date 1/29/53 Vou. No. 640
(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 128 in accordance with the terms of the contract.

Signature /s/ Eric G Erickson Title Mining Engr Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Elwin A Magill Title Mining Engr Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Received
1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1952 Docket No. DMEA 1425X Contract No. Idm-E 128
Operator's Name Pittburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469 Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation & Tunnel Repair		$104.94		$3,902.33				
TOTAL DISTRIBUTED COSTS		104.94		3,902.33				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				57.50				
TOTAL COSTS		$104.94		$3,959.83				

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 12/30/52 Operator Pittsburg Silver Mining Co.

Per Eugene Keesley Title Secretary

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

PROGRESS REPORT
For the month of May 1952

Docket No. DMA 1425X
Contract No. Idm-E128

No men were employed on the payroll. Our watchman is not on pay, but is provided with a place to live and food, for which he takes care of odd jobs and work that he can do. He is 86 years old and quite active but has poor eye sight. He is satisfied with the arrangement and so are we.

We have kept the tunnel ventilated and removed a few cars of slide cave in material, and repaired damaged fan pipe for re-use.

Three different miners have been transported to the property to do hand mining, but no takers have been found. One single jack miner who may take the job (66 years old) has been rustling a couple of helpers for tramming.

PITTSBURG SILVER MINING COMPANY

By Eugene Keesey
Eugene Keesey

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April 1952 Docket No. DMEA 1425 X Contract No. Idm-E 128

Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper

Address P. O. Box 469, Wallace, Idaho

Contract Amount, $ 11,170.00 Government Participation: 50 % Amount, $ 5,585.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	$16.00	$1,990.00	$2,006.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		386.66	386.66			
Explosives						
Pipe						
Track						
Gas, oil	6.50	352.40	358.90			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	57.50		57.50			
(7) Miscellaneous:	15.92	227.50	243.42			
Skidding & Road repairs		10.46	10.46			
Repairs to Equipment	21.50	11.00	32.50			
Sampling and Analysis		48.47	48.47			
Payroll Taxes						
Liability Insurance		79.34	79.34			
Compensation Ins.	8.50	111.00	119.50			
Accounting		52.57	52.57			
Taxes		32.52	32.52			
(8) Contingencies (specify):						
Transportation	3.13	12.32	15.45			
Misc.-pstg. tel. etc.	39.20	372.40	411.60			
(7) Car Mileage						
TOTALS	$168.25	$3,686.64	$3,854.89	146.75	3681.60	3828.35

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

Date 12/30/52 *Payee Pittsburg Silver Mining Company

Per Eugene Kessy Title Secretary

*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:

$ 73 37

Signature (Authorized Certifying Officer)

Date 1/29/53 Vou. No. 640

(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-128 in accordance with the terms of the contract.

Signature /s/ Eric G. Erickson Title Mining Engr Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Elvin A. Magill Title Mining Engr Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 5 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1952 Docket No. DMEA 1425X Contract No. Idm-E 128

Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper

Address P. O. Box 469 Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation & Tunnel Repair		$110.75		$3,797.39				
TOTAL DISTRIBUTED COSTS		110.75		3,797.39				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		57.50		57.50				
TOTAL COSTS		$168.25		$3,854.89				

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 12/30/52 Operator Pittsburg Silver Mining Co.

Per Eugene Keese Title Secretary

REMARKS: See progress report

→ 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

PROGRESS REPORT
April 1952

Pittsburg Silver Mining Co. DMA 1425X

No miners worked during the month. The writer and watchman have been exploring and sampling formations, stringers and slips. We also kept the tunnel ventilated, repaired cook camp, raised and re-blocked the building since the old blocking rotted and allowed settling. The bunk house will be repaired later.

The local labor situation is not encouraging for mine development. Men are not plentiful. We are trying to pick up two single jack miners to drive 50 feet new tunnel by footage basis, but they are not to be had. We shall continue looking for single jack miners in an effort to avoid expense of taking air in ~~and~~ for work.

We will mark time, hoping for conditions to ease up.

It is expected that our engineer to do geology work will not be available for another thirty days.

PITTSBURG SILVER MINING COMPANY

BY Eugene Keesey
Eugene Keesey, Secretary

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R036.3.
Approval expires 6-30-53.
Defense Minerals Administration
RECEIVED
FEB 5 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1952 Docket No. DMEA 1425-X Contract No. Idm-B-128
Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469, Wallace, Idaho
Contract Amount, $11,170.00 Government Participation: 50 % Amount, $ 5,585.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		$1,990.00	$1,990.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		386.66	386.66			
Explosives						
Pipe						
Track						
Gas, oil		352.40	352.40			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Skidding & Road Repairs	$16.84	210.66	227.50			
Repairs to Equipment		10.46	10.46			
Sampling and Analysis		11.00	11.00			
Payroll Taxes		48.47	48.47			
Liability Insurance						
Compensation Ins.		79.34	79.34			
Accounting	20.00	91.00	111.00			
Taxes		52.57	52.57			
(8) Contingencies (specify):						
Transportation		32.52	32.52			
Misc.-Pstg. tel. etc.	6.62	5.70	12.32			
(7) Car mileage	19.60	352.80	372.40			
TOTALS	63.06	$3,623.58	$3,686.64	58.06	3623.54	3681.60

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

Date 12/30/52 *Payee Pittsburg Silver Mining Company

Per Eugene Kessler Title Secretary

*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:

$ 29.03

Signature (Authorized Certifying Officer)

Date 1/29/53 Vou. No. 640

(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 128 in accordance with the terms of the contract.

Signature /s/ Eric G. Erickson Title Mining Engr. Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Elwin A. Magill Title Mining Engr. Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
3 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1952 Docket No. DMEA 1425X Contract No. Idm-E 128

Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper

Address P. O. Box 469 Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation & Tunnel Repair		$63.06		$3,686.64				
TOTAL DISTRIBUTED COSTS		63.06		3,686.64				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$63.06		$3,686.64				

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 12/30/52 Operator Pittsburg Silver Mining Co.

Per Eugene Reese Title Secretary

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

April 9, 1952

PROGRESS REPORT
March 1952

Watchman has been maintaining our road removing fallen rocks, run off water has been drained from the road and driving over the muddy road has been avoided. The watchman has been on the property all month.

We are endeavoring to contact hand miners to drive 50 feet of crosscut on a footage basis. We are also trying to decipher the geology -- a refresher of the earlier workings.

PITTSBURG SILVER MINING COMPANY

By Eugene Keesey
Eugene Keesey, Secretary

Form MF-104 (Rev.)
(Apr. 52)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Department of the Interior
Defense Minerals Administration
RECEIVED
FEB 5 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February 1952 Docket No. DMEA 1425 X Contract No. Idm - E 128
Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469, Wallace, Idaho
Contract Amount, $11,170.00 Government Participation: 50 % Amount, $ 5,585.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	$27.00	$1,963.00	$1,990.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		386.66	386.66			
Explosives						
Pipe						
Track						
Gas, oil		352.40	352.40			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Skidding & Road Repairs	93.66	117.00	210.66			
Repairs to Equipment		10.46	10.46			
Sampling and Analysis	11.00		11.00			
Payroll Taxes	42.82	5.65	48.47			
Liability Insurance						
Compensation Ins.		79.34	79.34			
Accounting	42.00	49.00	91.00			
Taxes		52.57	52.57			
(8) Contingencies (specify):						
Transportation		32.52	32.52			
Misc.-Tel.Pstg. etc.	5.70		5.70			
(7) Car Mileage	352.80		352.80			
TOTALS	$574.98	$3,048.60	$3,623.58	574.94	3048.60	3623.54

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 12/30/52 *Payee Pittsburg Silver Mining Company
Per Eugene Reesey Title Secretary

*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:

$ 287.47

Signature (Authorized Certifying Officer)

Date 1/29/53 Vou. No. 640
(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 128 in accordance with the terms of the contract.

Signature /s/ Earl G. Erickson Title Mining Engr. Date 1/15/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Elwin A. Magill Title Mining Engr. Date 1/15/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form 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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 5 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1952 Docket No. DMEA 1425 X Contract No. Idm-E 128
Operator's Name Pittsburg Silver Mining Company Minerals Lead-Silver-Copper
Address P. O. Box 469, Wallace, 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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Rehabilitation & Tunnel		$574.98		$3,623.58				
Repairs		$574.98		$3,623.58				
TOTAL DISTRIBUTED COSTS							TOTAL COSTS AUTHORIZED BY CONTRACT	
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$574.98		$3,623.58				

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 12/30/52 Operator Pittsburg Silver Mining Co.

Per Eugene Kessler Title Secretary

REMARKS: Attached progress report explains work done during February.

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

Pittsburg Silver Mining Company
Box 1049
Kellogg Idaho

March 10, 1952

PROGRESS REPORT
February, 1952

There has been no mining work underground during the month of February excepting 2 days spent repairing air line which was damaged by a rock slide. We have kept the ventilating fan running twice a week and have removed the snow from the road and maintained drainage on the road.

PITTSBURG SILVER MINING COMPANY

By Eugene Kessey
Secretary

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 128
Idm-E

Name of Operator Pittsburg Silver Mining Company
Docket No. DMA 1425 X
Total Contract Amount $ 12,170.00
Government Participation: 50 % Amount $ 5,555.00
Distribution of Expenditures for Month of January, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Pittsburg Silver Mining Company
(Name of Company)

By Margaret Cathcart
For Eugene Kenny
(Signature of Authorized Official)

February 11, 1952
(Date)

Eugene Kenny Secretary
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTH[redacted]MMARY COST STATEMENT—C[redacted]d

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]			$1,963.00			
5. Supervision	-0-	$1,963.00				
6. Supplies	[illegible].00	246.66	246.66			
(a) Timber						
(b) Explosives						
(c) Repair Parts	[illegible]	[illegible]	[illegible]			
(d) Other						
7. Power		32.52	32.52			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability		[illegible]	[illegible]			
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Accounting	[illegible]	[illegible]	[illegible]			
Taxes	[illegible]	[illegible]	[illegible]			
Car allowance [illegible]	[illegible]	-0-	[illegible]			
Utility [illegible]		[illegible]	[illegible]			
Building [illegible]	-0-	[illegible]	[illegible]			
Total	[illegible]	[illegible]	[illegible]			
Deletions						
Adjusted totals						
Totals previously reported	[illegible]	[illegible]	[illegible]			
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Horace T. Rees
Amount approved for payment
Remarks

16—64068-3

(1) Car allowance at 7¢ per mile for Eugene Doerr, Supervisor

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF .....

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals										

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Pittsburg Silver Mining Company
Kellogg Idaho

February 11, 1952

PROGRESS REPORT
January, 1952

Owing to severe weather conditions and heavy snowfalls, our miners were laid off December 1, 1951. We have, however, kept our watchman on. He draws no salary but receives his food and living quarters in exchange for which he does odd jobs and whatever he can do in the way of keeping snow off the roofs and generally watching the company buildings and equipment. He also ventilates the mine tunnel about twice a week by starting the engine and fan. He is 86 years old and quite active. He fits in nicely on this job.

As soon as weather and road conditions permit we shall put on two or three miners.

PITTSBURG SILVER MINING COMPANY

By Eugene Kessey

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 128

Name of Operator Pittsburg Silver Mining Company
Docket No. DMA 1425 X
Total Contract Amount $11,170.00
Government Participation: 50 % Amount, $ 5,585.00
Distribution of Expenditures for Month of December, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

PITTSBURG SILVER MINING COMPANY
(Name of Company)

By Eugene Keesey
(Signature of Authorized Official)

January 8, 1952
(Date)

Secretary
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

Pittsburg Silver Mining Company
Kellogg Idaho

January 8, 1952

PROGRESS REPORT
December, 1951

Repairing and retimbering of 3,000 feet of tunnel has been completed and there remains some mopping up in the east drifts to determine where to crosscut in search of the Pittsburg ore shoot.

Weather conditions forced suspension of mine operations because of snow and cold and work probably will not be resumed until spring.

PITTSBURG SILVER MINING COMPANY

By Eugene Lecey
Secretary

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	-0-	1,963.00	1,963.00			
5. Supervision						
6. Supplies						
(a) Timber	141.00	205.66	346.66			
(b) Explosives						
(c) Repair Parts	4.00	6.46	10.46			
(d) Other	77.14	224.89	302.03			
7. Power						
8. Transportation	5.00	27.52	32.52			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	-0-	79.34	79.34			
10. Contract Work						
11. Other (specify)						
Accounting	22.00	27.00	49.00			
Taxes	23.79	28.78	52.57			
Bidding & road repairs	-0-	117.00	117.00			
Withholding taxes	-0-	5.65	5.65			
Total	272.93	2,685.30	2,958.23			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	272.93	2,685.30	2,958.23			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Horace T. Pence
Amount approved for payment
Remarks

16—64068-3

U. S. BUREAU OF MINES
RECEIVED
JAN 13 1952
ALBANY, OREG.

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF December, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation			218.14	54.79	272.93	ft	185	565	750	750
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals			218.14	54.79	272.93					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 128

Name of Operator Pittsburg Silver Mining Company
Docket No. DMA 1425X
Total Contract Amount $ 11,170.00
Government Participation: 50 % Amount, $ 5,585.00
Distribution of Expenditures for Month of November, 1951

Department of the Interior
Defense Minerals Administration
RECEIVED
JAN 28 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

PITTSBURG SILVER MINING COMPANY
(Name of Company)

By Eugene Keesey
(Signature of Authorized Official)

December 10, 1951
(Date)

Secretary
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	728.00	1,235.00	1,963.00			
5. Supervision						
6. Supplies						
(a) Timber	67.50	138.16	205.66			
(b) Explosives						
(c) Repair Parts	6.46		6.46			
(d) Other	72.68	152.21	224.89			
7. Power						
8. Transportation		27.52	27.52			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	48.05	31.29	79.34			
10. Contract Work						
11. Other (specify) accounting	12.00	15.00	27.00			
Taxes	20.76		20.76			
Bidding and road repairs	117.00		117.00			
Withholding taxes		5.69	5.69			
Total	1,080.47	1,604.83	2,685.30			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	1,080.47	1,604.83	2,685.30			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Chas. A. Magill
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF _____

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals										

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

December 10, 1951

NOVEMBER PROGRESS REPORT

410 FEET of tunnel were retimbered and repaired.

PITTSBURG SILVER MINING COMPANY

By Eugene Kelsey
Secretary

U. S. BUREAU OF MINES
JAN 13 1982
ALBANY, OREGON

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts will be made from time to time.

DEPARTMENT OF THE INTERIOR
RECEIVED
MAY 13 1952

CERTIFICATION

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

PITTSBURG SILVER MINING COMPANY
(Name of Company)

By Margaret Leachenstine
(Signature of Authorized Official)

November 9, 1951
(Date)

For Eugene Keesey, Secretary
(Title)

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

16—64068-1

U. S. BUREAU OF MINES
RECEIVED
NOV 2 1951
ALBANY, OREGON

MONTHLY SUMMARY COST STATEMENT

Name of operator Pittsburg Silver Mining Company
Project No. DMA 1425X
Total contract amount $11,170.00
Government participation percent 50%

Distribution of Expenditures for Month of October, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	858.00	377.00	1,235.00			
Equipment purchase [1]						
Equipment rental [2]						
Buildings						
Explosives						
Repair parts						
Other supplies	129.03	161.34	290.37			
Power						
Transportation	27.52	-0-	27.52			
Withholding taxes	-0-	5.65	5.65			
Compensation insurance	21.11	10.18	31.29			
Other insurance						
Contract work						
Other (specify) Accounting	15.00	-0-	15.00			
Total	1,050.66	554.17	1,604.83			
Totals previously reported	554.17					
Totals to date	1,604.83			1050.66	554.17	1604.83

FOR GOVERNMENT USE ONLY

Checked by WR Lee
Entered by
Approved by Glenn O Rud
Amount approved for payment $525.33
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF October, 1951

Name of operator Pittsburg Silver Mining Company
Project No. DMA 1425X
Total contract amount $11,170.00
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners	3	62	$ 13.00	$ 806.00
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent				
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other Overtime				52.00
Total				858.00

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Glenn A. Reed
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF October, 1951

Name of operator Pittsburg Silver Mining Company
Project No. DMA 1425X
Total contract amount $11,170.00
Government participation, percent 50%

U. S. BUREAU OF MINES
RECEIVED
NOV 21 1951
ALBANY, OREGON

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Repairing drift	858.00		129.03	63.63	1,050.66					
Totals	858.00		129.03	63.63	1,050.66					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Glenn A. Reed
Remarks

Pittsburg Silver Mining Company
Box 1049
Kellogg Idaho

Docket No. DMA 1425X

PROGRESS REPORT
October 1 to 31, 1951

120 feet of tunnel repaired and retimbered. It was slow, heavy going requiring sawed lagging and spileing.

PITTSBURG SILVER MINING COMPANY

By Margaret Leadbeater
For Eugene Keesey, Secretary

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
May 26, 1938
(Amended August 15, 1941)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

COPY [redacted] OCT 22 1951 [redacted]

D. O. Vou. No. _____
Bu. Vou. No. DMA-29

GENERAL ACCOUNTING OFFICE PREAUDIT
Certified for payment in the sum of $_____
Comptroller General of the United States
By _____

U. S. Dept. Interior, Bureau of Mines,
(Department, bureau, or establishment)
Voucher prepared at Albany, Oregon October 18, 1951
(Give place and date)
THE UNITED STATES, Dr.,
To Pittsburg Silver Mining Company
(Payee)
Address Box 1049, Kellogg, Idaho
Payee's Account No. Idm-E128

PAID BY
(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms _____% Discount Cash _____ days	Quantity	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	9/1-30/51	Brought forward from continuation sheet(s) Per certified form MF-104 attached, dtd 10/8/51				277	09
Shipped from _____ to _____ Weight _____ Government B/L No. _____					Total	277	09

(Payee must NOT use this space)
Differences _____
Account verified; correct for _____ 277 09
(Signature or initials) _____

Contract No. Idm-E128 Date 8/28/51 Req. No. _____ Date _____ Invoice Rec'd _____

277.09

MEMORANDUM

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n or Proj't Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	277.09	277.09

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. _____ dated _____, 19____, for $_____ } on Treasurer of the United States in favor of payee named above.
{ Cash, $_____, on _____, 19____, Payee _____ }
(Sign original only)

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.
† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below "Approved for $_____", and over his official title.

16—22900a-1

Per _____
Title _____

METHOD OF OR ABSENCE OF ADVERTISING

(Section 3709 of the Revised Statutes)

1. After advertising in newspapers.

2. (*a*) After advertising by circular letters sent to _____ dealers.

(*b*) And by notices posted in public places.

(If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made. The notation on the certificate on the face of the voucher must be "2(*a*)(*b*)" or "2(*a*)", depending on whether or not notices were posted.)

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.

4. Without advertising in accordance with _____

5. Without advertising, it being impracticable to secure competition because of _____

_____

_____

_____

_____

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, Supplement No. 6, General Accounting Office, Aug. 20, 1930.)

U.S. GOVERNMENT PRINTING OFFICE: 1946 O-88934

16—22900-1

MF-104
(August 1951)

April

29

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E _____

Name of Operator Pittsburg Silver Mining Company
Docket No. DMA 1425X
Total Contract Amount $ 11,170.00
Government Participation: 50 % Amount, $
Distribution of Expenditures for Month of September, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

MAR 10 1952

CERTIFICATION

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

PITTSBURG SILVER MINING COMPANY
(Name of Company)

By /S/ Eugene Keesey, Secretary
(Signature of Authorized Official)

October 8, 1951
(Date)

(Title)

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

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT

Distribution of Expenditures for Month of September, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date
Wages and salaries	$377.00	-0-	$377.00
Equipment purchase			
Equipment rental			
Buildings			
Explosives			
Repair parts			
Other supplies	161.34	-0-	161.34
Power			
Transportation			
Withholding taxes	5.65	-0-	5.65
Compensation insurance	10.18	-0-	10.18
Other insurance			
Contract work			
Other (specify)			
TOTAL	554.17	-0-	554.17
Totals previously reported	-0-	-0-	-0-
Totals to date	554.17		554.17

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF September, 1951

Type	Number	Man-Shifts	Rate	Total
Miners	3	27	$13.00	$351.00 *
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent				
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other * Overtime shifts				26.00
TOTAL				$377.00

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(*d*) Fixtures						
4. Labor [3]						
5. Supervision						
6. Supplies						
(*a*) Timber						
(*b*) Explosives						
(*c*) Repair Parts						
(*d*) Other						
7. Power						
8. Transportation						
9. Insurance						
(*a*) Fire						
(*b*) Public Liability						
(*c*) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total						
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

Note.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by .....

Entered by .....

Approved by .....

Amount approved for payment .....

Remarks .....

.....

.....

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF September, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Repairing drift	377.00		161.34	15.83	554.17					
Totals	377.00		161.34	15.83	554.17					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Docket No. DMA 1425X

PROGRESS REPORT
September 15 to 29, 1951

Tunnel was advanced 35 feet. Work was slow due to the necessity of spiling and encountering old timbers and boulders which made driving of spiling difficult.

PITTSBURG SILVER MINING COMPANY

By Eugene Kelsey
Secretary

U. S. BUREAU OF MINES
RECEIVED
OCT 1 1951
ALBANY, OREGON

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C. 500

April 16, 1954

PROJECT SUMMARY REPORT

By: J. W. Alt

1. Docket No. DMA-1425X (Lead-Copper-Antimony)
Contract No. Idm-E128
Property: Keesey Tunnel Project
Location: Mineral County, ~~Idaho~~ Montana

Operator: Pittsburg Silver Mining Company
Box 1049
Kellogg, Idaho

Operator's Property Rights: Owner

2. Contract dated August 28, 1951 - To complete - 6 months

Work Authorized

750 rehabilitation of drift @ $9.00/ft.	$ 6,750.00
60 feet of crosscutting @ $25.00/ft.	1,500.00
Rehabilitation and repair of buildings	300.00
Equipment cost	1,900.00
Contingencies	720.00
Total cost of project	$ 11,170.00
Government participation @ 50%	$ 5,585.00

Amendments

No. 1, dated January 3, 1952
Delete 750 feet of rehabilitation of drifting
@ $9.00/ft. $ 6,750.00
Contingencies 720.00
And add:
750 feet of rehabilitation of drifts @ $8.00/ft.
$ 6,000.00
Contingencies 500.00
Skidding timber and road repairs (estimated) 750.00
Accounting 220.00

No. 2, dated February 19, 1952
Add: allowing travel expense.

No. 3, dated April 25, 1952
Add: Geologist to be hired on a fee basis for a total expenditure not to exceed $200.00.

No. 4, dated April 19, 1952
Changes completion time from (6) to (12) months

No. 5, dated August 20, 1952
Changes completion time from (12) to (15) months

No. 6, dated November 18, 1952
Allowing a change in the wage scale to conform to that in the district.

Work Completed

Rehabilitation main adit 700 ft. @ $7.90/ft.	$ 5,534.43
Rehabilitation, drift to old winze 20 ft.	1,124.25
Repair to old buildings	57.50
Skidding timber and road repair	407.71
Accounting	191.00
Total Cost	$ 7,314.89

Contract terminated - November 28, 1952 (No official termination agreement) letter of August 20, 1952, from Executive Officer, Region II to Company.

3. Audit Certificate: dated March 31, 1954

Total cost as billed by contractor		$ 8,118.45
Less salvage proceeds on property		none
Exceptions	810.02	
Reinstatements	44.72	
Exceptions		765.29
Total Accepted Cost		$ 7,353.16
Government Participation @ 50%		$ 3,676.58

4. Certification Date: No certification made as there was no discovery of ore.

5. The standard of the work was acceptable and costs reasonable. The project was successful in opening a large portion of the mine for examination. Geologic mapping of the mine did not provide justification for additional exploration from the existing workings although careful study outside the scope of the present project might indicate other exploration possibilities on the property.

The final Field Team report states: "The present exploration project must be considered completed; from what is known about the geology of the area additional exploration with Government assistance may be warranted, but an entirely different program would be involved. Any exploration through the existing tunnels should be discouraged because of the difficulty and expense in opening, equipping, and maintaining the long Kessey or little Pittsburg tunnels."

J. W. Alt

J. W. Alt

☒ Audited

WORK ANALYSIS SHEET - DMEA PROJECT

☒ Actual Cost

☐ Certified

Analysis as of 12/30/54
Incl. Voucher for October 1952.

☐ Agreed Unit Costs

Name Pittsburg Silver Mining Company L. 3 C.

Docket No. DMEA-1425X

State Montana

Commodity Lead-Silver-Antimony

Idm-E No. 128

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	16'	$400.00			
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased		1,900.00			
Surface Rehabilitation & Repairs					
Underground Rehabilitation	750'	7,100.00		$7,066.29	$7,295.66
New Building, Improvements, etc.		300.00		57.50	57.50
Other (Specify)		1,470.00		229.37	229.37
Totals		$11,170.00		$7,353.16	$7,353.16

Other (Estimated)

Roads & Trails & Skidding Lumber	$750.00
Contingencies & Accounting	720.00
	$1,470.00

Other (Spent)

Roads & Trails & Skidding Lumber	$38.37
Contingencies & Accounting	191.00
	$229.37

Prepared by W. P. Klugscheid

71626

OFFICIAL FILE COPY
O. M.
RECEIVED FEB 1 1962

DATE		
		800
	2/5 Murphy	600
		220

Sc. 137 Howard Street
Spokane 4, Washington
January 30, 1962

Mr. W. W. Schneider, President
Pittsburg Silver Mining Company
c/o Mr. Walter T. Murphy
Attorney-at-Law
Superior, Montana

Re: DMA-1487X (Lead-Copper-Antimony)
Little Pittsburg Mine
Mineral County, Montana
Contract I4m-K126

Dear Mr. Schneider:

We have received your letter of November 7, 1961, addressed to A. K. Weissenborn in which you request that we disclose to Donald C. Springer, a geologist for The Bunker Hill Company, such engineering reports, maps, and surveys in the referenced DMEA docket as he might request.

This office is not authorized to disclose any information contained in DMEA reports as they are considered confidential and for Government use only. However, we have made available to Mr. Springer a copy of U. S. Geological Survey Bulletin 1082-I, Geology and Mineral Deposits of the St. Regis-Superior Area, Mineral County, Montana (1960), by A. B. Campbell, which contains copies of the DMEA maps and have discussed with him the geology of the Skeeny Gulch property.

Sincerely yours,

D. K. MacLaren
Acting Field Officer, OME
Region I

cc: A. K. Weissenborn
w/cy incoming
OME w/cy incoming
Reading copies to:
Nolan
Hobbs
Guild

This contract was not certified. Murphy

UNTY ATTORNEY
MINERAL COUNTY, MONTANA

WALTER T. MURPHY
ATTORNEY-AT-LAW
SUPERIOR, MONTANA

November 7, 1961.

Mr. A. E. Weissenborn,
U. S. Geological Survey,
South 157 Howard,
Spokane, Washington.

Dear Mr. Weissenborn:

We are handing this letter to Mr. Donald C. Springer, a geologist for The Bunker Hill Company, for delivery to you.

Would you please disclose to Mr. Springer all such engineering reports, maps and surveys as he might request concerning the Pittsburg Silver Mining property on Sloway Gulch, in Mineral County, Montana, which you have in connection with the DMEA loan, Docket 1425X.

Our company desires to disclose such data to the Bunker Hill Company in full.

Yours very truly,

PITTSBURG SILVER MINING COMPANY,

By _____
President

_____
Acting Secretary

JAN 29 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 4 1961

DATE	INITIALS	CODE
10/4		200
"		110
		140
10-4		100
		~~500~~
10/9		100
		220

So. 157 Howard Street
Spokane 4, Washington
October 2, 1961

Mr. Walter T. Murphy
Attorney-at-Law
Superior, Montana

Re: DMA-1425X (Lead-Copper-Antimony)
Pittsburg Silver Mining Co.
Little Pittsburg Mine
Mineral County, Montana
Contract Idm-E128

T-12

Dear Mr. Murphy:

A recent publication of the U. S. Geological Survey includes a discussion of the Little Pittsburg mine which embodies the results of the DMEA program. The publication is U. S. Geological Survey Bulletin 1082-I, Geology and Mineral Deposits of the St. Regis-Superior Area, Mineral County, Montana (1960), by A. B. Campbell.

You may order a copy from the Public Inquiries Office, U. S. Geological Survey, South 157 Howard Street, Spokane 4, Washington. The price of $1.75 should accompany your order.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:mls
cc: OME w/cy incoming
Reading copies to:
Nolan
Hobbs
Guild

WALTER T MURPHY
ATTORNEY AT LAW
SUPERIOR, MONTANA

September 26, 1961.

[illegible] Weissenborn
[illegible]
[illegible] of the Interior,
[illegible] Street,
[illegible] Washington,

[illegible] Weissenborn:

[illegible] owner of [illegible] Mine [illegible], in Townships [illegible] Series, Range [illegible] and [illegible] west, in Mineral County, [illegible] whatever geological reports and similar [illegible] might be [illegible] furnish the company.

In 1951 and [illegible] Silver Mining Company [illegible] docket 1425X. [illegible] Weissenborn [illegible] manager and principal [illegible] holder. [illegible] February [illegible], 1953, and since then [illegible] has been [illegible].

[illegible] to reactivate the [illegible] mining in this [illegible] Nancy Lee mine [illegible] Mining Company are H. Wilson Whicher, [illegible] and W. W. Schneider, [illegible] to act as Secretary.

[illegible] assays, or similar [illegible] the Little Pittsburg [illegible].

Very [illegible],

[illegible] MINING COMPANY,

/S/ Walter T. Murphy
[illegible]

January 20, 1955

Memorandum

To: Chief, Contract Administration & Audit Division

From: Chief, Base Metals Division

Subject: Contracts for which no closing letters will be prepared.

The following is a list of contracts for which no closing letters will be prepared, due to the fact that they are cases which have been either terminated or completed before December 1952. This cut-off date was established in accordance with instructions contained in the Administrator's memorandum to Division Chiefs, dated February 18, 1953.

Docket No.	Contract No.	Operator
1145	E- 11	Dodgeville Mining Company
344	20	Ike W. Kusiste
1118	45	Bootman and Boswell Mining Company
789	71	Erickson and Baer
32	75	Lee S. Heller
1654	85	The Goldfield Consolidated Mines Co.
1425	128	Pittsburg Silver Mining Company
1397	158	American Zinc, Lead & Smelting Co.
1132	166	Albert Dance and Jewell Dance
2108	327	Amadee A. Peugnet
2333	341	Carr Mining Company, Inc.

W. R. Griswold

WRG/er
Copy to: Docket (11)
Base Metals (11)
Chron.

W. R. Griswold

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

May 26, 1953

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

Re: Docket No. DMEA 1425 (Lead-Copper-Antimony)
Pittsburg Silver Mining Company
Mineral County, Montana
Contract Idm-E128

Dear Mr. Selfridge:

Enclosed are four copies of the Final Report on the subject property prepared by John W. Hosterman, Geologist, U. S. Geological Survey, and E. G. Erickson, Mining Engineer, U. S. Bureau of Mines, dated March 30, 1953.

The examining team states that the exploration project failed to disclose any commercial ore or geologic structure that would justify further exploration, therefore, they recommend that a discovery should not be certified. The Field Team concurs in their recommendation.

By DMEA Field Team, Region II

A. E. Weissenborn

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

M. E. Volin

M. E. Volin, Member
U. S. Bureau of Mines

Enclosures
Distr.:
DMEA(Orig.&3)
USBM(2)
Hosterman
Docket

Reviewed by
DMEA OPERATING COMMITTEE
6-5-53
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 1 1953

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION II

FINAL REPORT

Contract Idm-E128

FINAL
FLD TM REP

by

E. G. Erickson
Mining Engineer
U. S. Bureau of Mines

John W. Hosterman
Geologist
U. S. Geological Survey

PITTSBURG SILVER MINING COMPANY
Wallace, Idaho

Docket No.:	DMEA 1425
Commodity:	Lead-Copper-Antimony
Contract date:	August 28, 1951
Termination date:	November 28, 1952

Sec. 1, T. 17 N., R. 27 W. &
Sec. 36, T. 18 N., R. 27 W.
Keystone Mining District
Mineral County, Montana

Reviewed by
DMEA OPERATING COMMITTEE
4-5-53
(date)

Spokane, Washington

March 30, 1953

FINAL REPORT

PITTSBURG SILVER MINING COMPANY
Sec. 1, T. 17 N., R. 27 W. &
Sec. 36, T. 18 N., R. 27 W.
Keystone Mining District
Mineral County, Montana

Contract Idm-E128

* * * *

INTRODUCTION

Authorship

The sections on PROPERTY and Summary of Factual Data were written by E. G. Erickson, mining engineer, U. S. Bureau of Mines. The section on Geology was written by John W. Hosterman, geologist, U. S. Geological Survey. The sections on Summary, LOCATION AND ACCESSIBILITY, Recommendations, THE PROJECT, and Discussion of Conclusions have a joint authorship.

Summary

The Government entered into Exploration Project Contract No. Idm-E128 with the Pittsburg Silver Mining Company, a Montana corporation, on August 28, 1951; the project was to be completed within six months. Exploration work outlined for the property included rehabilitating an estimated 750 feet of existing drift in the Keesey tunnel and driving 30 to 60 feet of crosscut to the north to explore the hanging wall of the mineralized zone.

The object of exploration was to locate the downward extension of the Little Pittsburg ore shoot originally mined through an inclined shaft which collared above the Keesey tunnel. This shoot was thought to lie east of the fault that passes through the collar of the winze on the Keesey tunnel level and in the segment of the mineralized zone that has been displaced about 125 feet north of the vein reported to be west of the fault at the winze.

The project was considered feasible because the mine was not accessible to prove or disprove the large vein reported to exist north and east of the winze.

The project failed to disclose the vein east of the fault as shown on the old map submitted with the application. It was found further that some of the crosscutting that was planned under the contract had been done previously with unsuccessful results. Unfortunately, the old winze, where high values of lead, silver, copper, and antimony are reported to be, could not be inspected. The Operator stated that it was opened, but the winze caved before the Field Team was notified that it was accessible for examination.

The present exploration project must be considered completed; from what little is known about the geology of the area, additional exploration with Government assistance may be warranted, but an entirely different program would be involved. Any exploration through the existing tunnels should be discouraged because of the difficulty and expense in opening, equipping, and maintaining the long Keesey or Little Pittsburg tunnels.

Recommendations

The exploration project failed to disclose any commercial ore or geologic structure that would justify further exploration; therefore, it is recommended that a discovery should not be certified.

A map of the underground workings indicates quite clearly that there has been but little systematic planning of past exploration which has been done largely by a trial and error method. A more thorough knowledge of the geology is essential before a logical plan for underground exploration can be devised. This will require detailed surface mapping, with possibly some trenching and diamond drilling. No further Government participation in underground exploration can be justified until this has been done.

LOCATION AND ACCESSIBILITY

The Pittsburg Silver Mining Company's property is in the Keystone unorganized mining district, sec. 1, T. 17 N., R. 27 W. and sec. 36, T. 18 N., R. 27 W., Mineral County, Montana. The property may be reached from the junction of U. S. Highway No. 10 and a county-Forest Service road 5 miles west of Superior, Montana, by traveling the county-Forest Service road 2.5 miles north up Sloway Gulch.

The topography at the mine is of moderate relief with steep slopes and sharp ridges. The winter weather is severe and heavy snowfalls are common.

PROPERTY

The property of the Pittsburg Silver Mining Company involved in the exploration project contract includes the West Mountain View, East Mountain View, Chester No. 6, and Chester No. 8 mining claims.

The Keesey tunnel comprises the main workings and was caved at a point about 2,240 feet from the portal when the project started. The contract called for rehabilitating the tunnel from the cave, an estimated 750 feet, to the approximate location of the proposed crosscut. Several crosscuts, drifts and other workings, many of which are inaccessible, are shown on company maps which accompany Mr. C. B. Hausen's report.

Much of the mine workings are in badly sheared ground that had to be timbered and tightly lagged and will not remain open unless continually repaired.

The mine is ventilated from the tunnel portal by mechanical blower and vent pipe. The accessible mine workings are dry enough so that drainage is no problem.

A combination blacksmith shop and change house is the only building at the portal site. A small mine camp including store house, bunk house, and cook house is located about a mile from the Keesey tunnel portal.

The only equipment used for underground work on the project was a small gas-driven air fan, mine cars, and some miscellaneous small hand tools.

THE PROJECT

The six-month contract with the Pittsburg Silver Mining Company went into effect on August 28, 1951. By December 1, 1951, approximately 565 feet of crosscut had been cleaned and retimbered. This work was very slow because considerable spilling was required. The project was inactive from December 1951 through July 1952. On April 19, 1952, the time limit was extended from 6 months to 12 months. During August 1952, the Pittsburg Silver Mining Company was reorganized, and Mr. E. T. Scott replaced Mr. Eugene Keesey as president of the company. Another amendment extended the contract 3 months, and work was resumed in August 1952 and continued through October. The contract was terminated on November 28, 1952, by mutual agreement of the Operator and Government.

Total work completed under the contract consisted of rehabilitating 700 feet of the Keesey tunnel and opening the crosscut to the

old winze. The 60 feet of crosscutting stipulated in the original contract was never done because the Field Team did not deem it justified after finding a crosscut had been previously driven about 35 feet with negative results at the proposed crosscut location. A check of the underground geology indicated that continuing the crosscut was not warranted. Instead, the allotment was applied to reopening the crosscut to the old winze, where ore was reported to have been mined. The crosscut to the winze was reported to have been opened, but it caved before the Operator notified the Field Team it was open for inspection.

Geology

The principle features of the geology of the mine are shown on the accompanying map and are described and illustrated in Mr. Charles B. Hausen's report to the company, copies of which have been supplied for the various Government files.

The rocks in the Keesey tunnel are composed of a series of highly foliated sericitic schists possibly belonging to the St. Regis or Wallace formation of pre-Cambrian age. These are overlain by quartzites that are probably part of the Wallace formation. The bedding of the schist is completely destroyed, but the contact between the schist and quartzite dips northward 45° to 52°. North of the contact, the quartzites dip 20° to 30° to the north.

Four zones of mineralization are exposed in the Keesey tunnel. The strongest zone occurs along a northeast-trending fault in the quartzites which is explored by a 70-foot drift extending northeast from the winze. This zone contains quartz, siderite, and some chalcopyrite and is up to two feet in width. The second mineralized zone occurs in the schist near the contact with the overlying quartzites. This zone contains quartz, siderite, and some tetrahedrite and stibnite and is up to one foot in width. The third mineralized zone occurs as quartz-siderite stringers and pods in the schist approximately 200 feet below the contact. All of the mineralization is somewhat irregular and discontinuous. The fourth mineralized zone consists of a one-foot quartz-siderite vein with some chalcopyrite and tetrahedrite in a northwest-trending fault. This zone was the original target of the project but was found to have been explored previously by a short drift. (See accompanying map).

Any future exploration, as outlined by Hausen's report, should be concentrated on the contact between the schist and quartzites. Also, from a district standpoint, the Little Pittsburg mine adjoins the Nancy Lee mine, which is a small operation that has been active for several years.

It is believed by the writers that most of the mineralization in the Little Pittsburg mine will run high in silver as evident from the tetrahedrite and from old assays.

Summary of Factual Data

Item	Units	Unit Cost	Total Cost
Rehabilitation, main adit	700 ft.	$ 7.90/ft.	$ 5,534.43
" drift to old winze	Approx. 20 ft.	56.21/ft. 1/	1,124.25
Repair to buildings			57.50
Skidding timber and road repair			407.71
Accounting			191.00
Total amount approved			$ 7,314.89
Government's share (50%) approved			$ 3,657.44 2/
Total amount of contract			$11,170.00
Government's share (50%)			$ 5,585.00
" " remaining			$ 1,927.54

1/ Heavy ground.
2/ Subject to final audit.

Discussion of Conclusions

The Operator was apparently handicapped by lack of finances which, coupled with a bad winter, dragged out the project over a longer period than was anticipated.

The standard of the work was acceptable and costs reasonable. The project was successful in opening a large portion of the mine for examination. Geologic mapping of the mine did not provide justification for additional exploration from the existing workings although careful study outside the scope of the present project might indicate other exploration possibilities on the property. It is unfortunate that the crosscut to the winze caved before an examination could be made of the reported ore showings at the winze.

Enclosure
Distribution:
DMEA(4)
USBM(5)
Docket
USGS(SRO)
Hosterman

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
No. 157 Howard Street
Spokane 4, Washington

May 13, 1954

Mr. Wilson Whitcher
No. 1109 Balfour Court
Dishman, Washington

Re: Docket No. DMA-1425X (lead-copper-antimony)
Pittsburg Silver Mining Co.
Mineral County, Montana
Contract No. Idm-123

Dear Mr. Whitcher:

Transmitted for your information and files is your copy of an audit certificate and audit report pertaining to the above-captioned contract for the period August 23, 1951, to January 21, 1953, by O. A. Turner.

Sincerely yours,

A. L. Meissenborn
Executive Officer, DMEA
Field Team, Region III

Enclosures

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

APR 13 1954

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

Re: Idm-E128, DMA-1425X
Pittsburg Silver Mining Co.
Mineral County, Montana

Dear Mr. Turner:

Receipt is acknowledged of your Audit Report and Certificate covering the above-cited project, as submitted by your letter of April 2, 1954.

The Report and Certificate are acceptable and normal distribution may be effected.

Sincerely yours,

Jay L. Chambers, Chief
Contract Administration
and Audit Division

WBorovies/wb
April 13, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.C.G.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

February 6, 1953

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 13 1953

Re: Docket No. DMEA-1425X
(Lead, Copper, Antimony)
Pittsburg Silver Mining Co.
Mineral County, Montana
Contract No. Idm-E128

Dear Mr. Selfridge:

This is in reply to your letter of January 30 on the Pittsburg Silver Mining Company contract. Work outlined under the contract has been completed. MF-104 forms were not submitted until some time in January. You should have received copies of them by now.

The final report by Charles B. Hausen describes the geology as can be seen in the tunnel. Very little, if any, new work was accomplished after it was found that the structure on which it had been proposed to drift had already been bexplored. An attempt was made towards another objective but bad ground conditions prevented carrying this out very far. The Operator apparently is going to apply for additional assistance for further exploration of the property, but we doubt very much if we would consider this proposal favorably.

My letter of January 23, which evidently crossed yours of January 30 in the mail, explains the delay in obtaining the final invoice.

Sincerely yours,

A. E. Weissenborn

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

cc: USBM (2)
Hosterman

FILE COPY
509 SURNAME:

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

JAN 30 1953

B.W.

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-1425X
(Lead, Copper, Antimony)
Pittsburg Silver Mining Company
Mineral County, Montana
Contract No. Idm-E128

Dear Mr. Weissenborn:

We have received the final report from the Operator on the above-referenced project and are waiting for your final report and recommendations.

Since writing to you on December 12, 1952, we received a copy of the memorandum from E. G. Erickson, Mining Engineer, Bureau of Mines, to DMEA Field Team, Region II. On both of his visits, which were on November 7, and again on December 1, 1952, he did not find anyone working on the property. He states that:

> "Progress has been slow since last inspection on September 16. An attempt to reach the old winze, which map showed was only about 18 feet distant from the rehabilitated crosscut, was made. Due to heavy ground and long tram, which increased costs, the work was stopped before completion.
>
> "Examination of openings made accessible by the rehabilitation has led the field engineers to recommend that the contract be terminated on the present expiration date of November 28, 1952."

We are in accord with E. G. Erickson, and are of the opinion that this contract should be terminated, and are wondering if such action has been taken by you.

From the statement by E. G. Erickson, it appears that some work had been done between his inspections of September 16 and December 1, 1952, but to date we have received no Progress Reports (MF-104)

since the report of January 1952. This report shows that $2,958.23 was expended for the work of rehabilitating 750 feet of the tunnel.

The final report on the project by Chas. B. Hansen, contains nothing about the work that was accomplished under the contract. He could hardly consider this report as final since it leads us to the belief that this company would like to obtain more Government assistance to further explore the property.

Will you please advise us at your earliest convenience regarding the status of this contract.

Sincerely yours,

George C. Selfridge (JB)
Chairman, Operating Committee

Approved:

J. H. Hedges (JB)
Member, Bureau of Mines

A. R. Kinkel, Jr. (JB)
Member, Geological Survey

J.H. 1-30-53

JWAlt/hmj
1-30-53
CC to: Admr. Reading File
Docket
Op. Committee
Base Metals Division
Mr. Alt
Mr. Kinkel
Mr. Bishop

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

January 23, 1953

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

Re: Docket No. DMEA-1425X (Lead, Copper, Antimony)
Contract No. Idm-E128
Pittsburg Silver Mining Co.
Mineral County, Montana

Dear Mr. Selfridge:

In reply to Acting Chairman Ellis' letter of December 12, this is to advise you that the Pittsburg Silver Mining Company contract has been completed. A final report by the Operator was sent to you on January 21 of this year. The final report by the Field Team is 75 percent completed and will be forwarded to you soon.

We had some difficulty in obtaining the final invoice from the Operator. It was necessary to send one of our auditors to visit the company bookkeeper in the field and explain how the invoice should be prepared. This has now been received and is being processed. A final audit will then be made.

Sincerely yours

A. E. Weissenborn

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

cc: USBM (2)
Aud. Dept.
Hosterman

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

January 21, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

Mr. R. J. Hindman, Finance Officer
Bureau of Mines
1201 North Division
Spokane, Washington

Dear Mr. Hindman:

This is to advise you that a final report on the Little Pittsburg Silver Mining Company, Superior, Montana, Contract Idm-5123 prepared by Mr. Charles B. Hausen has been received and is considered acceptable. The contract, therefore, can now be considered as having been completed.

Sincerely yours

A. S. Weissenborn
Executive Officer, DMA
Field Team, Region II

cc: DMA (2)
USGS (2)
Contr. Adm. Aud. Div., D. C.
Hull

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
157 So. Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JAN 2 3 1953

January 21, 1953

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

Re: Docket No. DMEA-1425 (lead-copper-antimony)
Little Pittsburg Silver Mining Co.
Mineral Co., Montana
Contract Idm-E128 (completed)

Dear Mr. Selfridge:

Enclosed are three copies of a final report on the Little Pittsburg Silver Mining Company, Superior, Montana, submitted by Mr. Charles B. Hausen in behalf of the Operator.

Sincerely yours

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

Enclosure 1 (in trip.)
cc: USBM (2)
Hosterman

cal
1-26-53

REPORT OF THE

LITTLE PITTSBURG SILVER MINING COMPANY

SUPERIOR, MONTANA

by

CHAS. B. HAUSEN

BOX 484, KELLOGG, IDAHO

PURPOSE:

An outline of possible further exploration and development of the Little Pittsburg Silver Mining Company's property.

PROPERTY:

Located in Sloey Gulch, eight miles north west of Superior Mineral County, Montana. Lies about three miles north from Ashmore. Montana, a railway siding of the Chicago Milwaukee and St. Paul, Pacific railroad. Consists of eight claims, two, West Mountain View and East Mountain View patented. Patent number 10538. A total, including a millsite, patented approximates 193 acres.

The mining equipment is not extensive. A small fan for ventilation, with some 2500 feet of galvanized piping, some 5000 to 6000 feet of light track rail, two tram cars and some drilling equipment. Two buildings on the dump, one formerly housing a small compressor, the other serving as a blacksmith shop. At the camp, facilities exist for accommodating twelve to eighteen men.

At the Keesey tunnel elevation there are approximately, 4100 to 4300 feet drifting, sixty to sixty-five feet of raising and 200 feet of winze. Some 2600 to 2700 of drifting was done at the Little Pittsburg tunnel elevation. A shaft and Wren tunnel was developed by the locators of the property. It is reported some 250 to 300 feet of depth of the shaft.

The respective elevations in feet, sea level.

Portal of the Wren shaft	4726
Keesey tunnel portal	4054
Little Pittsburg tunnel portal	3545

The Keesey tunnel is mostly accessible in the drifts. A portion of the Little Pittsburg would be accessible after some clearing work. The Wren Shaft is totally inaccessible.

No records of ore receipts are available. Reports of approximately 240 tons of crude ore was shipped to the American Smelting and Refining Company, East Helena, Montana and to the Bunker Hill Smelter, Kellogg, Idaho. It is reported that locators shipped sorted crude ore of high silver content during the period of one dollar an ounce silver at the beginning of this century.

GEOLOGY:

The area under consideration is traversed by two easterly-westerly, formations of sedimentaries.

1. Hard quartzite formation
2. Thin bedded schisty slaty type formation

The quartzite formation has the appearance of being a narrow structure probably not exceeding 150 to 200 feet thick, less in places. It is resting upon the underlying schisty slaty formation. From surface evidence and some exposures by drifting developement, it is supporting a similar formation.

It is a hard rigid structure standing on edges dipping from 35° to 52° North, striking generally from nearly E-W to NW - SE 75°. The bedding planes are fairly prominent, with some fracturing along the bedding. These fractures in places are mineralized slightly.

The thin bedded schisty slaty type formation is several hundred feet thick; as both tunnels begin in this formation. Bedding plane folding is quite prevalent in the vertical. Slickensides, occasionally seams of talc and quartz stringers, crossing the beddings appear in the cross cut drifts. Two small quartz stringers, striking easterly-westerly with the bedding are cut in two places. This formation is very soft.

Drifting done parallel or nearly so, with the strike of the beds, will sooner or later require timber supports.

CONTACT OF THE TWO FORMATIONS:

Here the dip and strike of the schisty beds seems to conform with the dip and strike of the quartzite formation. The general dip varies. Westerly, from the winze and raise in the Keesey tunnel, the dip is roughly 45° to 52° North, striking nearly east-west. Easterly from the same above point, the dip changes to 25° to 40° North, striking E-W to NW-SE 75°.

This contact is an area of varying width with interbedded hard beds and thin laminated beds, showing gouge seams parallel to beddings, indicating bedding plane movements. Mineralization, some pyrite and quartz is evidenced irregularly in the soft beds. Some pyrite is included in the hard quartzite beds.

FAULTING:

A prominent fault, striking NE-SW 35°, dipping 69° to 75° NW seems to have thrust the hard quartzite formation into the soft schisty beds. Where the fault enters the soft beds, much breccia material, and small faults, roughly NW-SE are found in the soft beds. A massive quartzite abutment with a dip of 64° NW,

striking approximately N 60° E veering to NE 54° dip and S 80°E in a distance of 10 to 20 feet forms the contact with the compressed soft beds. Under this quartzite, in the soft schisty beds is located the present ore shoot. This prominent fault is reported in the Little Pittsburg tunnel, with a N 74° dip.

ORE SHOOT:

The present ore shoot is evidenced in the developement of the Little Pittsburg tunnel. At the Keesey tunnel elevation, commercial ore, sufficient for profitable smelter receipts, was exposed for 15 or 20 feet in length, averaging one to two feet in width. No report is available of the character of mineralization in the winze, A raise, approximately 60 to 65 feet, on the ore shoot had been developed directly above the winze. This raise was opened 10 to 15 feet long on the various floors. Mineralization, one to 3 feet is in both the easterly and westerly faces. On the 6th floor, a cross-cut about 10 feet was run South in low grade mineralized soft beds. The NE-SW fault was visible on the first three floors.

In the brecciated area south of the ore shoot in the schisty beds is an area varying 20 to 30 feet thick giving

drift face samples of 3.3 to 10.0 ounces of silver, 0.03 to 0,8% copper, 1.0% to 3% lead. Numerous stringers have shown picked samples of 200 to 400 ounces of silver per ton.

This ore shoot shows persistence in depth. The dip is approximately NW, 63° to 65° , lying in a vertical plane, NW - Se 10° to 15°. From reports the mineralization shown in the Little Pittsburg tunnel is of a commercial importance at this date.

A winze, approximately 200 feet along the incline of the shoot, is reported to be in commercial ore.

Readily identifable minerals present in the mineralized areas exposed are, galena, sphalerite, tetrahedrite, occasionally chalcopyrite, siderite, pyrite, and quartz filling. Some pyrrhotite may be present.

MINING:

Mining will necessitate timbering and filling close behind. The hanging wall will probable be firm, but the footwall side and the area mined will need support. Care must be exercised to prevent dilution of the minable grade of ore.

Probable stoping area based upon the Keesey tunnel exposure, will approximate 30 to 60 feet long and 20 to 30 feet from foot--to hanging wall, of possible milling grade. This estimate of "possible milling grade" includes ore of the character that has been previously shipped as crude ore.

PROSPECTS FOR NEW ORE SHOOTS OR VEINS:

In general the following four statements will be made.

1. Any ore bodies of a minable nature will be found in the close vicinity of the contact of the quartzite and schisty-slaty beds.

2. There exists a possibility of a vein or series of veins within the quartzite beds.

3. There exists the possibility of NW of the Keesey Shaft of a Northerly-Southerly fault more or less parallel to the present NE -SW fault at the shaft.

4. No hope will be expressed here of finding any minable ore bodies in the schisty-slaty beds anywhere, except very close to the harder formation.

These statements will be developed. Their developement pertains to geologic concepts and from observations in the

Keesey tunnel and on the surface. If borne out, later developement of the Little Pittsburg tunnel elevation will be greatly aided.

1. This is evidenced by the present mineralized showings in the vicinity of the contact. The mineralizing solutions seek- a pathway of least resistance followed closely the quartzite. This pathway was afforded by a degree of porosity in the soft beds, protected by the quartzite, which to some extent, prevented them from slumping. Slumping of the soft beds away from the contact, accounts in part, for bedding folds in the vertical plane. The condition of mineralization along the contact zone, or under and in contact with the hard quartzite, is favorable, anywhere along its boundary where faulting across the quartzite occurs.

2. There exists the possibility of a vein or a system of short veins in the quartzite, NW of the present Keesey Shaft. Their existence would be made possible by the bending of the quartzite formation to make it conform to the general position of the quartzite formation in the vicinity of the present ore shoot. Any mineralization of the fractures or faults produced by bending would be found at the Northly side and toward the middle of the formation.

Likewise, should bending occur in the quartzites to the East, particularly any bending northerly of the beds, fracturing or faulting could be mineralized on the Southerly side of the quartzite. Heavy over burden at the surface prevents detection of this possibility.

3. In conjunction with statement 2., should the formation not be bent, but continues eastward in strike and dip as exposed to the west in the Keesey tunnel, some adjustment must exist. This would lie to the NW of the Keesey Shaft. Should such a feature be found it should be somewhat parallel the present known faulting near the present ore shoot. No doubt the adjustment could be related to the known one and mineralized simultaneously.

Going eastward along the contact from the Keesey Shaft, faulting features, similarly to the present known one are likely. Surface evidence of fault movement is obscured by heavy debris within the property boundaries.

S 73° to 75° E, approximately, a distance roughly of 2300 feet from the Keesey Shaft, lies the Ben Lohman mineralized outcroppings. These outcroppings are some 300 to 350 feet higher elevation than the Keesey workings. Flat, 25° dip,

strike S 85° E, soft thin bedded outcrop, shows to the west and a little south of the Ben Lohman outcrop, some 400 feet. 100 feet farther and slightly south, a hard quartzite outcrops, NE 25° dip, strike S 86° E. This is at an elevation of approximately 4475 feet. Projection of this quartzite outcrop to the Keesey shaft elevation gives roughly, S 84° E bearing. Whether this exposed outcrop is a continuation of the quartzite formation crossing the Little Pittsburg property, it is difficult to say. If it is, the general bearing and dip of our beds east of the Shaft are not too far out of line. If it is not a continuation of our quartzite bed, there is unquestionably adjustments between the Keesey Shaft and Ben Lohman outcrop. Eastward exploration will require frequent cross-cutting northerly and southerly for faulting with small angles of incidence with the beddings of the quartzite. Mineralized stringers trending into the quartzite should be explored diligently.

4. No hope will be expressed for finding minable ore bodies in the soft beds away from the contact any appreciable distance, say 75 to 100 feet. A zone of mineralized schisty beds of low values could exist within close proximity of the quartzites. Geologically, vein filling mineralization must have access to the host rock. Soft beds tend to slump and become tight, flex

instead of cracking, when under earth crust adjustments. These features are evidenced in the schisty-slaty beds away from the contact.

PROPOSED EXPLORATION.

a. Area A on map. Cross-cut to the NE from the short spur drift in the Keesey tunnel midway to the shaft. To ascertain bending or fault mineralization of the quartzite formation.

b. Area B under the Chester No. 6 claim. Proposed beginning of drift at a point somewhere in the eastermost NW - SE existing drift, to reach contact bearing S 75° E. Hence, to explore for any mineralization due to faulting or contact deposition.

FUTURE CONSIDERATIONS:

The Little Pittsburg tunnel developement should be simplified by the location of any ore bodies or strong mineralized areas found in the Keesey tunnel developement. It is almost certain that from the continuity of the present ore shoot, no structural deformities between the two elevations exists.

For operating consideration, the Little Pittsburg tunnel should be rerouted. The heavy swelling schisty slaty beds should be cross cutted northward to the hard quartzite contact. At a

point approximately some 1000 to 1200 feet from the present portal, a bearing NE 30° to 35°, should reach the hard bed at apporximately 700 to 800 feet. From this point westerly to the ore shoot of approximately 1000 to 1200 feet. In all, 1700 to 2000 feet of new drift that should stand without excessive timbering repairs.

Future work above the Keesey tunnel elevation can be accomplished by raising on the present ore shoot and any new ones found. There is reason to believe no major structural deformities exist between the Keesey tunnel elevation and the collar of the old Wren Shaft, the original discovery.

COST ESTIMATES:

Cost is difficult to estimate for this locality. Standard cost estimates vary. These figures apply in the Coeur d' Alene mining district for estimates.

Drifting and timbering - - - $30.00 per foot.

Standard 3 compartment shaft - - - $200.00 per foot.

Diamond drilling - - - - - - $3.00 to $4.00 per foot.

Proposal b, in area B , has the property line some 1100 feet as the limit of exploration. Some 500 feet easterly along the

contact, with northerly and southerly cross-cuts, would require approximately 800 to 850 feet of drift.

In either proposal, no appreciable expense of timbering should be required for several years. This would reduce the estimated cost, somewhat.

The cleaning of a portion and re-routing the Little Pittsburg tunnel, will necessitate cleaning costs plus new drifting.

Proposal a, 400 to 900 feet	@ $30.00	$ 12,000 - $ 27,000
Proposal b, 800 to 850 feet	@ $30.00	$ 24,000 - $ 25,500
Cleaning Little Pittsburg drift 1200 feet	@ $10.00	$12,000 - $ 12,000
Little Pittsburg drifting 1700 to 2000 feet	@ $30.00	$ 51,000 - $ 60,000
	TOTALS	$ 99,000 - $124,500

CONCLUSION:

In my opinion, exploration in this district is desirable. Possibilities for finding a new ore body or bodies related genetically with the present ore on this property, warrants further exploration. My reasons are based upon my understanding of the structure of this particular vicinity. The region is structurally very much deformed, by reason of the proximity of the major Osburn fault and its related sub-faults. Until some pattern of structural dynamics for the general area is determined, conclusions for any small portion of this area, must be based upon that particular part studied.

1201 North Division Street
Spokane 2, Washington
January 15, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 22 1953

BW

Pittsburg Silver Mining Company
Box 469,
Wallace, Idaho

1425

Subject: MF-104s February through October, 1952, contract Idm-E128.

Gentlemen:

Since talking with you on the telephone this morning we have checked into the status of the invoices mentioned.

We find that the MF-104s for February, March, April, May July, August, September, and October, 1952, were signed by Mr. Keasey and Mr. Scott on December 30, 1952, and were received by us January 5, 1953. The invoices are being processed and unless additional information is required, or some complication arises, payment should reach you before the end of next week.

In order to comply with the contract, these MF-104s should have been submitted monthly and should have been sent in before the 15th of the month following the period in which the work was done.

Yours very truly,

E. A. Magill
for Thomas E. Howard, Chief,
DMEA Section, Bureau of Mines,
Region II

cc: DF
AD
DMEA
USGS
Wash. (2)

~~1425~~
1425

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

1201 N. Division St.
Spokane 2, Wash.
December 15, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Pittsburg Silver Mining Co., Mineral County, Montana, Contract Idm-E128, Docket No. 1425 (lead-copper-antimony)

On November 5, 1952, I accompanied R. M. Hull, DMEA Auditor, Region II, when he made a spot audit of the company's records. The delinquent invoices were checked by Mr. Hull, and the company accountant was advised to submit them as approved by the audit. As of December 12, they had not been received by this office; the Operator was requested by telegram to submit the invoices in question.

On November 7, 1952, I visited the property and found no one present. The fan was not operating, and as gas and bad air had been reported in the workings I did not make an inspection alone. I visited the property again on December 1, accompanied by J. W. Hosterman and Art Campbell, USGS geologists, and Earl T. Scott, president of the company. No one had been working on the project for some time and the fan was not operating when we arrived. The caretaker had been unable to start the motor, but we were able to start the fan and make a hurried inspection.

Progress has been slow since last inspection on September 16. An attempt to reach the old winze, which map showed was only about 18 feet distant from the rehabilitated crosscut, was made. Due to heavy ground and long tram which increased costs, the work was stopped before completion.

Examination of openings made accessible by the rehabilitation has led the field engineers to recommend that the contract be terminated on the present expiration date of November 28, 1952.

Mr. Scott was requested to submit invoices covering expenditures to date with a final engineering report. The contract will be closed out as soon as they are received.

E. G. Erickson
E. G. Erickson

Orig & 3 cys--Wash.
USGS (2)
DMEA
M/D
EGE/he

FILE COPY
SURNAME:

500

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

Mr. A. E. Weissenborn, Executive Officer DEC 12 1952
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-1425X (Lead, Copper, Antimony)
Contract No. Idm-5128
Pittsburg Silver Mining Company
Mineral County, Montana

Dear Mr. Weissenborn:

A review of the above-referenced docket and contract indicates that an amendment is necessary to allow the Operator more time to complete the project. Amendment No. 5 extended the completion period from 12 to 15 months from the date of the contract, August 28, 1951. This would have made the date of completion November 28, 1952.

The last Progress Report (MF-104) that we have in our files is for the month of January 1952 and the last copy of an interim report is from E. G. Erickson, Mining Engineer, Bureau of Mines, to DMEA Field Team, Region II, dated October 7, 1952, in which he stated that he had inspected the operations at the mine and that:

"On September 16, 1952 Mr. R. F. Wallace, USGS geologist, and I met with Mr. Earl T. Scott, president of the company and Mr. Charles Hansen, company geologist, to discuss a new proposal for further exploration of the property.

Mr. Wallace had mapped the open workings in the area to be explored by crosscutting under the present contract and found that some of the crosscutting had been done previously and was not shown on available maps used for planning the project. It was mutually decided that the remaining funds in the contract should be used to open the winze and raise drift now caved. Mr. Hansen had records of ore being shipped from this area and it is believed

that opening this area will disclose more geologic data necessary to justify the new exploration proposal than continuing the crosscut as originally planned."

Will you please advise us regarding the status of this contract.

Sincerely yours,

Ernest Wm. Bins,

ACTING Chairman, Operating Committee (JB)

APPROVED:

J. H. Hodges (JB)

Member, Bureau of Mines

A. R. Kinkel, Jr. (JB)

Member, Geological Survey

J.H. 12-12-52

JWAlt/bjl (writting 12/10/52)

Copy to: Docket
Admr. R. File
Op. Committee
H. F. Keller (2)
J. W. Alt
Mr. Bishop
Mr. Kinkle
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

1200 Division St.
Spokane 2, Wash.
December 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Admin.
Washington 25, D. C.

Re: David Nieminen, A. R. Eiselein,
and Maurice Nelligan, Partners
Docket No. DMEA 2419 (uranium)

Dear Mr. Johnson:

In compliance with your letter dated October 31, 1952, we are enclosing three copies of Amendment No. 1 to the above contract.

Sincerely yours,

Thomas E. Howard
Chief, DMEA Section
Bureau of Mines, Region II

Enclosure

cc: DMEA, Wash. (2)

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

Examined by the Minerals
Defense Materials Administrator
FILED

DEC 1952

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

1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

October 7, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Pittsburg Silver Mining Company's exploration project, Docket No. DMEA 1425X (Pb-Cu-Sb), Mineral County, Montana, Contract Idm-E128.

I inspected the operations at the mine September 16, 1952 with the mine foreman, Mr. L. R. Powellson. The adit had been rehabilitated to a point opposite the winze shown on the map of old workings.

On September 16, 1952 Mr. R. E. Wallace, USGS geologist, and I met with Mr. Earl T. Scott, president of the company and Mr. Charles Hausen, company geologist, to discuss a new proposal for further exploration of the property.

Mr. Wallace had mapped the open workings in the area to be explored by crosscutting under the present contract and found that some of the crosscutting had been done previously and was not shown on available maps used for planning the project. It was mutually decided that the remaining funds in the contract should be used to open the winze and raise drift now caved. Mr. Hausen had records of ore being shipped from this area and it is believed that opening this area will disclose more geologic data necessary to justify the new exploration proposal than continuing the crosscut as originally planned.

E. G. Erickson

E. G. Erickson

Orig. & 3 - Wash.
USGS (2)
DMEA
M/D
EGE/vf

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

So. 157 Howard Street
Spokane 4, Washington

August 6, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1425
(Lead-Copper-Antimony)
Contract No. Idm-E128
Pittsburgh Silver Mining Co.

Dear Mr. Johnson:

In answer to your letter of July 30, 1952, requesting information on the status of the subject contract, we refer you to two memoranda, one from A. E. Weissenborn to M. E. Volin and R. E. Wallace, copies of which were mailed to you July 29, and another from R. E. Wallace to A. E. Weissenborn, 2 copies of which are attached. The first memoranda is dated July 23, the second dated July 31. We sincerely hope that these memoranda will answer the questions that you have raised in your letter.

Mr. Keesey was in the office this morning with a Mr. E.J. Scott and Thos. W. Nevitt who are the new President and Sec.-Treas. respectively of the Pittsburgh Silver Mining Co. The new officers are reportedly aggressive in pushing the DMEA contract to completion. We will keep in touch with activities.

Sincerely yours,

S. Warren Hobbs

S. Warren Hobbs
Acting Member, DMEA
Field Team, Region II

Encl.1(in dupl.)

cc: USBM (2)
R.E.Wallace

DEPARTMENT OF THE INTERIOR
AUG 11 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

July 31, 1952

Memorandum

To: A. E. Weissenborn, Exec. Officer, DMEA Field Team, Region II

From: R. E. Wallace, Geologist, U. S. Geological Survey

Subject: Routine examination July 18, 1952 of Contract Idm-E128, Pittsburg Silver Mining Co., Little Pittsburg Mine, Mineral County, Montana

The Little Pittsburg mine was visited on July 18, 1952 in the company of Mr. E. Keesey, President of the company, and Mr. J. W. Hosterman of the U. S. Geological Survey. Mr. Keesey had been contacted on July 17 and arrangements for ventilation of the tunnel were made.

The main tunnel is open, except for a minor rock cave, back to a point near the shaft where a large caved-in section completely blocks access to the shaft and the mapped crosscut which continues northward. It was possible to climb over a part of this caved section and enter a drift, not shown on any maps seen, which trends nearly eastward and joins part of the old workings about 100 feet to the east.

Behind the caved section where no ventilation was provided, bad air prevented mapping or even careful scrutiny, although a hurried traverse through the workings was made, and a quick examination was made of the point from which the DMEA crosscut was to start. At about that moment Mr. Keesey experienced difficulty because of bad air, and Mr. Hosterman had already left because of bad air so the examination was immediately terminated in search of good air.

A small veinlet of sulfide minerals was examined before the hasty retreat, and in addition to a small amount of galena there is a mineral with small acicular crystals, possibly stibnite.

Before any work can be started on the drift, the large cave previously mentioned must be cleaned out, several hundred feet of track laid, and adequate ventilation provided.

At the time of examination Mr. Keesey said that he did not want to install compressed air for machine mining, could not get hand miners, and furthermore was financially unable to carry on a concerted effort toward completing the contract work. For these reasons, it seems advisable to terminate the contract, although Mr. Keesey is anxious to let the contract run its period. It was my impression that Mr. Keesey felt the active contract would provide a favorable impression to the prospective buyer or lessee, whom he reports is interested in the property. Such a reason is scarcely sufficient for continuing the contract.

R. E. Wallace
Geologist

cc: DMEA (2)
USBM (2)
USGS (ERO)
R. E. Wallace

FILE COPY
SURNAME:

500

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

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

JUL 30 1952

Re: Docket No. DMEA-1425 (Lead-Copper-Antimony)
Contract No. Idm-H128
Pittsburgh Silver Mining Company

Dear Mr. Weissenborn:

Copies of the periodic inspection report of the above referenced contract of June 19, 1952, and your letter of June 19, 1952, to Mr. Eugene Keesey, Secy.-Treas., Pittsburgh Silver Mining Company, Box 1049, Kellogg, Idaho, have been received and we would appreciate your comments regarding this contract.

The second paragraph of the periodic inspection states:

> "In the past a somewhat liberal view has been taken of this operation because Mr. Keesey, the Manager, has been working without salary and the project, when active, was conducted in a satisfactory manner. It is now apparent that this has not been the proper attitude and it is believed that the Field Team should insist that the project either continue on an efficient basis or be terminated entirely."

And in the last two sentences of the first paragraph of the periodic inspection:

> "Wallace of the U.S.G.S. caught the Operator at the property and got him to start up the fan. However, Wallace found bad air in about 2000 feet and when he returned to the portal the Operator was gone."

If the Operator has any intention of completing this contract, he should be doing the work now, so as to take advantage of the good weather and complete the project before winter.

In accordance with Amendment No. 4, the project should be completed in a period of 12 months, hence on August 28, 1952. The Operator should be notified that the contract will be terminated on that date unless he has started to work on the project and can show good reason that the time limit should be amended.

Please notify us as to what action you have taken.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines

A. F. Thayer

Member, Geological Survey

JWAlt/mb
July 29, 1952
cc to: Docket
Admr's. Reading File
Operating Committee
Mr. Keller (2)
Mr. Alt
Mr. Bishop
Mr. McKnight
Mr. Thayer
Mr. Hedges
Region II
Chron.

SD

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

So. 157 Howard Street
Spokane 4, Washington

July 23, 1952

Memorandum

To: M. E. Volin, DMEA Field Team, Region II, U. S. Bureau of Mines
R. E. Wallace, Geologist, U. S. Geological Survey

From: A. E. Weissenborn, Exec. Officer, DMEA Field Team, Region II

Subject: Pittsburg Silver Mining Company, Exploration Project Contract Idm-E128, Docket No. DMA-1425X, Mineral County, Montana, (Lead, Copper, Antimony)

Mr. Keesey was in the office this morning to see me about the Field Team letter in which we stated unless work was started on the contract we would be forced to terminate it. Recent reports from R. E. Wallace had indicated that Mr. Keesey was not much interested in doing any further work at the property and was unlikely to do so. Mr Keesey, however, states that the company has been out of money but they now see their way clear to recommencing work in early August with the purpose of finishing up the rest of the contract. I have suggested to Mr. Keesey that he write me a letter to this effect.

Inasmuch as work to date has not added very much to our knowledge of the property, it would be distinctly to the government's advantage to continue the work past the next cave and to get ventilation lines in so that the property can be mapped and sampled, and, if Mr. Keesey is going to make an honest effort to complete the contract, I feel that we should go along with him. On the other hand, if he does not come through with his promise we should definitely close out the contract.

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

cc: DMEA (2)

FILE COPY
SURNAME:

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

C C
O O
P P
Y

So. 157 Howard Street
Spokane 4, Washington

July 2, 1952

Chariman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Sir:

Enclosed are routine inspection reports for the following properties:

Bales Antimony, DMEA-2193, Antimony, Idm-E258
Pittsburg Silver Mining Co., DMEA-1425, Lead-Copper, Idm-E128

Sincerely yours,

Kathryn Gray
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

C C
O O
P P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

No. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 8 - 1952

June 16, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II

From: R. E. Wallace, Geologist, U. S. Geological Survey
J. W. Fosterman, Geologist, U. S. Geological Survey

Subject: Little Pittsburg Mine, Mineral County, Montana. Field Examination

The Little Pittsburg Mine was visited June 6, 1952.

Mr. Keesey, owner and operator was at the property at the time of the examination. He said that no operation has been conducted on the property for several months, because the amount of tunneling left to be done under contract is so small as to warrant only hand drilling. He is unable to find hand miners and therefore is doing nothing.

We tried to examine the vein which is to be explored, but bad air was found about 2200 feet from the portal and thus no examination of the vein was possible. We waited approximately an hour to see if the blower which Mr. Keesey's assistant turned on would improve the air sufficiently to allow examination, but it did not.

We then returned from the portal to Mr. Keesey's cabin at the base of the hill only to find that both Mr. Keesey and his helper had left. We had expected them to await our return, but although we waited about 45 minutes longer for them they did not come back, and we were unable to discuss the situation with Mr. Keesey.

Another attempt to talk to Mr. Keesey will be made in the near future.

R. E. Wallace

J. W. Fosterman

cc: USBM
DMEA
USGS(SMO)

M. E. Volin, Member, DMEA Field Team, Reg. II June 19, 1952

H. T. Reno, Mining Engineer, Bureau of Mines

Periodic inspection, Contract Idm-E128, Pittsburg Silver Mining Co., Docket No. DMEA 1425 (lead-copper-antimony)

I visited this property on June 12, 1952 and again on June 13. Although we have continued to receive monthly invoices for travel, assaying, ventilating, and rehabilitation work on the buildings, the project is inactive and has been since last December. The project consists of rehabilitating a drift adit and 50 feet of crosscutting. The operator claims that rehabilitation is complete. Work was suspended last winter because of the heavy snow, and since then no representative of the Government has been able to get into the face to inspect the work as the air is bad. Wallace of the USGS caught the Operator at the property and got him to start up the fan. However, Wallace found bad air in about 2000 feet and when he returned to the portal the Operator was gone.

In the past a somewhat liberal view has been taken of this operation because Mr. Keesey, the manager, has been working without salary and the project, when active, was conducted in a satisfactory manner. It is now apparent that this has not been the proper attitude and it is believed that the Field Team should insist that the project either continue on an efficient basis or be terminated entirely.

H. T. Reno

Orig. to files
cc: USGS (2)
Wash. (2)
HTR

DEPARTMENT OF THE INTERIOR
Bureau of Mines
JUL 7 1952

(Docket 1425X--lead, copper, antimony)

1201 N. Division St.
Spokane 2, Wash.
June 19, 1952

Mr. Eugene Keesey, Secy-Treas.
Pittsburg Silver Mining Company
Box 1049
Kellogg, Idaho

Subject: Contract Idm-E128

Dear Mr. Keesey:

Inasmuch as no constructive work has been accomplished within the terms of the captioned contract for the past six months, it is requested that the operation be suspended as of June 1, 1952.

Work can be resumed and charges incurred at such time as either the consulting geologist, specified in contract amendment No. 4, is actually on the property or arrangements completed to start crosscutting.

It is considered that an on-site review of the project may be of benefit to you. Arrangements for a specific date for such review can be made directly with H. E. Wallace, Geologist, U. S. Geological Survey, Box 136, Haugan, Mont.

By Field Team, Region II

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

Glenn C. Reed
for: H. E. Velin, Member
U. S. Bureau of Mines

File

cc: USGS, Spokane
Wash., D.C. (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR
Bureau of Mines
FILE
JUL 8 1952

Sc. 157 Howard Street
Spokane 4, Washington

June 16, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II

From: R. E. Wallace, Geologist, U. S. Geological Survey
J. W. Hosterman, Geologist, U. S. Geological Survey

Subject: Little Pittsburg Mine, Mineral County, Montana. Field Examination

The Little Pittsburg Mine was visited June 6, 1952.

Mr. Keesey, owner and operator was at the property at the time of the examination. He said that no operation has been conducted on the property for several months, because the amount of tunneling left to be done under contract is so small as to warrant only hand drilling. He is unable to find hand miners and therefore is doing nothing.

We tried to examine the vein which is to be explored, but bad air was found about 2200 feet from the portal and thus no examination of the vein was possible. We waited approximately an hour to see if the blower which Mr. Keesey's assistant turned on would improve the air sufficiently to allow examination, but it did not.

We then returned from the portal to Mr. Keesey's cabin at the base of the hill only to find that both Mr. Keesey and his helper had left. We had expected them to await our return, but although we waited about 45 minutes longer for them they did not come back, and we were unable to discuss the situation with Mr. Keesey.

Another attempt to talk to Mr. Keesey will be made in the near future.

R. E. Wallace

J. W. Hosterman

cc: USBM
DMEA
USGS(SHO)

M. E. Volin, Member, DMEA Field Team, Reg. II April 3, 1952

H. T. Reno, Mining Engineer, Bureau of Mines

1425

Periodic Inspection Contract Idm-E128, Pittsburg Mine

This project has been shut down since the middle of December, 1952. However, as the Operator has continued to submit monthly invoices for small amounts, I thought it well to drop by and see what work was being done: March 14, 1952.

The operator maintains a watchman (without pay) at the property and has kept the road clear of snow. He also ventilates the mine twice a week.

I can see no advantage to be gained by the ventilation, but removing snow from the road is probably a good idea. Removing snow from the road will make it possible to start up the project at least a month earlier this spring.

I was unable to contact the operator either at the mine or at his home in Wallace.

H. T. Reno

Orig. to files
cc: USGS
2 Washington
HTR

1425

MONTANA

MINERAL COUNTY

February 1, 1952

Pittsburg Silver Mining Company, Idm-E128, Pb-Cu-Sb

50-50 of $11,170.00

6 months

The work consists of rehabilitating 750 feet of the Keesey tunnel and 30 to 60 feet of crosscutting from this tunnel to explore the hanging wall of the mineralized zone.

To date about 155 feet of tunnel has been rehabilitated. Work has been slow and expensive because of the necessity of spilling.

1425

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 15 8 38 AM '52

So. 157 Howard Street
Spokane 4, Washington

January 11, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: Pittsburg Silver Mining Company
Exploration Project Contract
Idm-E128

Dear Sir:

Enclosed are an original and two copies of an amendment to the subject contract.

Additional copies will be sent to the Operator and to the Regional Finance Officer.

Yours very truly,

A. E. Weissenborn

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

Enclosures.

c.c. to: USBM - Albany

FILE COPY
SURNAME:

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

SEP 7 1951

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket DMA 1425X
Exploration Project Contract
Idm-E128
Pittsburg Silver Mining Company
Kellogg, Idaho

Gentlemen:

Enclosed for recording in your office is the original, signed copy of an Exploration Project Contract executed between the operator named in the above reference and the Government of the United States.

Sincerely yours,

C. O. Mittendorf (J. H.)

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

Mr. Alt/bjs
9/4/51
cc to: Adm. Reading File
Mr. Mittendorf, Mr. Olund
Mr. Alt
Reports & Records
Docket

SEP 7 1951

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane, Washington

Re: Docket No. DMA 1429X
Exploration Contract
Pittsburgh Silver Mining Co.
Idaho-Elbe

Dear Mr. Weissenborn:

Enclosed please find your copy of the above subject contract. The Operator's copy has been forwarded to him along with instructions to contact you if any questions arise.

The copy of the contract required by the Regional Finance Office will be forwarded directly by the Washington Finance Section.

Sincerely yours,

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

FLKnouse/mmk (9/4/51)
cc to: Adm. Reading File
Messrs. Mittendorf, Olund
Reports and Records
Docket
Region II
Mr. Billings
Mr. Gowen
Mr. Bourret
Mr. McKnight
Mr. Knouse

400

FILE COPY
SURNAME:

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

F L Knouse
Mittendorf

A. E. C.

SEP 5 1951

Pittsburgh Silver Mining Company
Box 1049
Kellogg, Idaho

Re: Docket No. DMA 1425X
Exploration Contract
Idm-E128

Gentlemen:

We are enclosing your copy of the above subject contract, signed by me, together with attached Exhibits A to E, and one map. The approved contract is your authority to proceed with the work on this project.

Enclosed also are a set of Progress Report Forms (MF-104) and Int. 3337, "Questions and Answers on the Mineral Exploration Program", for use in making your first report. Additional forms may be obtained by writing to Mr. A. E. Weissenborn, Executive Officer, Region II, South 157 Howard Street, Spokane, Washington.

This Progress Report should be submitted in quadruplet to Mr. Weissenborn, prior to the 15th of the month following the the reporting period. They will be used as the vouchers on which the Government's share of the cost of the project will be paid monthly.

If you have any questions in connection with the project, it is suggested that you contact Mr. Weissenborn.

Sincerely yours,

C. O. Mittendorf (J. M.) B F 9/5

C. O. Mittendorf, Director
Production Expansion Division

Enclosures-6

FLKnouse/meh
cc to: Adm. Reading File
Reports and Records
Docket Copy
Region II (2)
Messrs. Mittendorf, Olund
Mr. Knouse

FILE COPY
410 SURNAME:

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

FLKnouse
Mittendorf

A.E.C.

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane, Washington

SEP 5 1951

Re: Docket No. DMA 1425X
Exploration Contract
Pittsburgh Silver Mining Co.
Idm-1128

Dear Mr. Weissenborn:

Enclosed please find your copy of the above subject contract. The Operator's copy has been forwarded to him along with instructions to contact you if any questions arise.

The copy of the contract required by the Regional Finance Office will be forwarded directly by the Washington Finance Section.

Sincerely yours,

BJ 9/5

C. O. Mittendorf (J.H.)

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

FLKnouse/meh (9/4/51)
cc to: Adm. Reading File
Messrs. Mittendorf, Olund
Reports and Records
Docket
Region II
Mr. Billings
Mr. Gowen
Mr. Bourret
Mr. McKnight
Mr. Knouse

FILE COPY
SURNAME:
140
Liebert

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

August 24, 1951

a. E. C.

Memorandum

To: Director, Production Expansion Division

From: Acting General Counsel

Subject: Pittsburg Silver Mining Company exploration contract -- Docket No. DMA-1425X

The contract in the captioned case is approved as to legal form and sufficiency subject to:

1. Indication of the address and nature of the Company as required by Footnote 2.

2. Dating the contract as of the date of signature by the Government or delivery to the prospective operator.

Your file is returned herewith.

J. L. Hofflund

John G. Liebert, Acting for
J. L. Hofflund, General Counsel

Attachment

John G. Liebert/ema

Copy to: Reports & Records
J. L. Hofflund
RRGuthrie
Chron.

FILE COPY 410
SURNAME:

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

August 15, 1951

Memorandum

TO: Mr. John L. Hofflund
General Counsel

FROM: C. O. Mittendorf, Director
Production Expansion Division

SUBJECT: Docket No. DMA-1425X, Pittsburg Silver Mining Company, Box 1049, Kellogg, Idaho

Your opinion is requested on the attached contract for exploration assistance for the subject application. Also attached for your information is the entire docket of this application.

C. O. Mittendorf (J.W.)

C. O. Mittendorf

Attachments

JWAlt/meb
cc to: Admr's Reading File
Reports & Records
Messrs. Mittendorf - Olund
Mr. Alt
Docket

FILE COPY
SURNAME:

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

August 15, 1951

Memorandum

TO: Mr. C. O. Mittendorf
Director, Production Expansion Division
Defense Minerals Administration

FROM: Jacob W. Alt

SUBJECT: Docket No. DMA - 1425X, Commodity Lead, Copper and Antimony - Pittsburg Silver Mining Company, Box 1049, Kellogg, Idaho. Total Cost Exploration Project $11,170.00, Government Participation $5,585.00 (50 per cent)

I have carefully reviewed this application for Governmental assistance and recommend the approval of it. The proposed project appears to be feasible and the costs are reasonable. The project is recommended by the Field Team.

The Field Team report states: The project presents something of a problem. The proposed exploration may uncover some ore and may indicate the desirability of further exploration, but it is unlikely to find enough ore to repay the cost of exploration. On the other hand, until the workings are made accessible for inspection, it is impossible to work out any logical program for developing ore.

Jacob W. Alt
Mining Engineer

JWAlt/meb
cc to: Admr's Reading File
Reports & Records
J.W. Alt
Docket

August 14, 1951

Memorandum

TO: Tom Lyon, Director
Supply Division

FROM: C. O. Mittendorf, Director
Production Expansion Division

SUBJECT: Assistance for Exploration Project, A. W. Berge Co., 502 Fuller Avenue, Helena, Montana
Docket No. DMA 1411X, Commodity, Lead-Zinc

In reviewing this application, we do not consider it a qualified exploration project. The applicant proposes to use the money to rehabilitate mine road, rehabilitate 170 feet of mine shaft, the opening and rehabilitating 700 feet of drift, fixtures and improvements and to purchase operating equipment. There is no exploration work to be done for the search for unknown or undeveloped sources of strategic or critical metals or minerals.

We are herewith returning the file covering the subject project and suggest that the Field Team discuss with the operator the possibility of a contract which would provide for the actual exploration work in accord with the intent of the DMA regulations.

Attachments

C. O. Mittendorf

JWAlt/meh
cc to: Reports and Records
Messrs. Mittendorf, Olund
Mr. Alt
Docket

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

August 14, 1951

Memorandum

TO: C. O. Mittendorf, Director
Production Expansion Division

FROM: J. W. Alt

SUBJECT: Assistance for Exploration Project, A. W. Berge Co., 502 Fuller Avenue, Helena, Montana
Docket No. DMA 1411X, Commodity, Lead-Zinc

In reviewing this application I do not consider it a qualified exploration project. The applicant proposes to use the money to: rehabilitate mine road, rehabilitate 170 feet of mine shaft, the opening and rehabilitating 700 feet of drift, fixtures and improvements, and to purchase operating equipment. There is no exploration work to be done for the search for unknown or undeveloped sources of strategic or critical metals or minerals.

Jacob W. Alt

Attachments

Brokaw for McKnight

6/5/51

Defense Minerals Administration 7-31-51

Review of Application for Exploration Assistance

To: Director, Production Expansion Division

From: Director, Supply Division

Docket No. 1425X

Commodity Lead-copper-antimony silver

Total Amount $ 11,170.00

Govt. Participation 50% $5585.00

1. Name and Address of Applicant Pittsburg Silver Mining Company, Box 1049 Kellogg, Idaho

2. Location of Property West Mt. View, East Mt. View, Chester No. 6, and Chester No. 8 claims, Sec. 1, T. 17 N., R. 27 W., and Sec 36, T. 18, N., R. 27 W. Mineral County, Montana

3. Mineral or metal Lead-copper-antimony silver Is it listed in Section 9 of MO-5?
If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good See attached field team report

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes. see attached Form MF-103 and contract
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Does not apply

Does the lease have sufficient time to run to cover a future productive period? Does not apply

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Has been checked

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

_____

Is a field check needed on this point? Has been checked

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes. See field team report and Exhibit A of attached contract.
If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft. See Exhibit A attached contract

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? Has been checked

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft. See exhibit C, attached contract

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Has been checked

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes. see exhibit D, attached contract

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Has been checked

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes, see Exhibit E, attached contract

c) Reasonable? Yes

d) Field check needed? Has been checked

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.
Recommended for approval

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Approved
Irwin Lyon

Reviewed by: Erwin J. Lyons, GS

Date 7-5-51

97692

DEFENSE MINERALS ADMINISTRATION

97022

PRODUCTION EXPANSION DIVISION

EXPLORATION LOANS

Name of Company and Address: Pittsburgh Silver Mining Co. of Box 1049 Kellogg, Idaho

Name of Mine and Location Little Pittsburgh Mine, Mineral Co., Montana

Docket No. D.M.A. 1425 X Date received by P.E.D. 7/9/51

Metals or Minerals involved Lead - copper - antimony

Amount of Total Project: $11,190

Government participation, percent and amount $5,585

Number of subprojects in total application None

Type of Exploration	Feet	Cost per foot	Total cost
Preparatory & Rehabilitation Building	—	—	$300.00
Drifts	750	$9.00	$6,750.00
Equipment			$1,900.00
Shaft sinking & winzes			
Drifts and crosscuts	60	$25.00	$1,500.00
Raises			
Diamond or churn drilling			
Other Misc.			$720.00

Comments on Contract No Comments

Date sent to Applicant for signature Arrived Signed

Date returned to P.E.D.

Date sent to Legal 8/16/51

Date signed by Administrator 8/28/51

Additional remarks: None — Contract prepared by Tucs Dept.

Interior—Duplicating Section, Washington, D. C.

Signed J. L. Kerr

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

June 27, 1951

Mr. Tom Lyon, Chairman
Coordinating Committee
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Through: L. F. Strobel

Dear Mr. Lyon:

Enclosed is the docket DMA 1425 X. A contract and a Field Team report were sent to you air mail on June 27.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosure

cc: U.S. Bur. Mines
Spokane, Wash.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

JUL 3 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

June 27, 1951

Air Mail

Memorandum

To: Tom Lyon, Chairman
Coordinating Committee
Defense Minerals Administration

Through: L. F. Strobel

From: Field Team, Region II

Subject: Application of Pittsburg Silver Mining Company
DMA Docket No. 1425 X

The property of the Pittsburg Silver Mining Company has been examined in the field. A report in quadruplicate of this examination and 6 copies (signed) of a proposed contract are enclosed.

The project presents something of a problem. The proposed exploration may uncover some ore and may indicate the desirability of further exploration, but is unlikely to find enough ore to repay the cost of exploration. On the other hand until the workings are made accessible for inspection, it is impossible to work out any logical program for developing ore.

The proposed plan, however, is a logical first step and if this is acceptable to the DMA, the Field Team will support it.

The docket is being returned by regular mail.

By Field Team, Region II

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

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: U.S. Bur. Mines
Spokane, Wash.
Albany, Oregon

5

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Mullan, Idaho

June 23, 1951

Memorandum:

To.: A. E. Weissenborn, Executive Officer, Field Team Region II,
Defense Minerals Administration,
South 157 Howard St.
Spokane 4, Washington

From: H. S. Rainey, III and Ben Bowyer

Subject: Pittsburg Silver Mining Company, Mineral County, Montana.

The Pittsburg Silver Mining Company property near Superior, Montana was examined on June 20 and 21, 1951. The principle development of the mine has been along the Pittsburg and Keesey tunnels. The Keesey tunnel was open for all but the last thousand feet, but the Pittsburg was essentially all inaccessible, and other smaller and older workings were completely inaccessible. On the basis of what could be seen, it is believed that a limited project like the one proposed is justified provided that it be considered as the initial step in an exploration program and that, if ore be found, a further program of drifting or drilling should be initiated to establish the extent and continuity of the ore.

Plate 1, which accompanies the contract, shows the general geology of the accessible parts of the Keesey tunnel, and a few notes on the inaccessible parts of the workings from old reports by Oscar H. Hershey. The Keesey tunnel was open to the point shown on Plate 1, roughly 750 feet from the objective of the exploration -- the faulted east segment of the Pittsburg vein. The proposed exploration work is also shown on the map.

The rocks of the area comprise a series of greatly foliated and bleached argillites of undetermined thickness which lie beneath a series of quartzites at least 100 feet thick. The rocks dip generally northward 32° to 55°, and in places have been metamorphosed to sericitic ~~ash~~ schists. The quartzites are greatly shattered for 15 to 20 feet above the contact with the argillites.

Two zones of mineralization are exposed in the Keesey tunnel; the stronger in the schist along its contact with the overlying quartzite and the other from 100 to 200 feet below the contact. The contact zone contains iron stained quartz and siderite, and according to the manager, Mr. Keesey, "small values" of lead, copper silver and antimony.

ON-SITE EXAM REP.

The lower zone is composed of quartz and siderite in stringers and pods and also shows "small values". These two zones are present in both the crosscut from the portal and the south-trending crosscut farther east (see Plate 1). The mineralization is irregular and discontinuous but appears to increase eastward.

The inaccessible geology in the portion of the mine to be rehabilitated has been described in the 1936 report by Oscar H. Hershey, and by Mr. Keesey. It is roughly shown on the map that accompanies the contract. Reportedly the contact zone continues through the eastern part of the workings and makes ore there. A fault offsets the vein about 65 feet northward, and it is this segment east of the fault which is to be explored. Mr. Keesey reports that a zone of quartz-siderite stringers was cut somewhere along the last vrosscut south of the Keesey shaft; this may be the lower zone mapped in the accessible workings.

Contact zones between competent quartzites and incompetent argillites in structurally disturbed areas have elsewhere proven to be good ore horizons. In the Pittsburg Mining Company area the mineralization in the contact zone increased eastward and made ore at the Keesey shaft. The old Pittsburg shaft reputedly yielded ore worth $500,000; it is inclined on the quartzite-schist contact east of the cross fault which makes it reasonable to believe that the fault does not terminate the mineralization. The surface geology is poorly exposed and reveals nothing to nullify the underground interpretation.

The available assays of the ore at and in the Keesey shaft show fairly good lead values. However, these samples were hand-picked and therefore practically worthless. The samples shown on the map that are channel samples across the vein in the Little Pittsburg tunnel are more representative.

Mr. Keesey has not had too much mining experience, but is probably competent to carry out a relatively simple program as outlined in his application.

H. C. Rainey
B. Bowyer

FILE COPY
SURNAME:

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

McKnight
Mote
Hopkins
Ron

Mailed to

JUN 15 1951

Docket DMA-1425X
Pittsburg Silver Mining Co.
Near Superior Mineral Co.,
Montana.
Lead-copper-antimony-silver
Exploration loan

Mr. A. E. Weissenborn
Executive Officer, DMA Field Team
Region II
South 157 Howard Street
Spokane 8, Washington

Dear Mr. Weissenborn:

The geologic description of this deposit is inadequate, but it sounds like a typical thin silver vein with very little lead and antimony possibilities. It may be comparable to the veins in the Silver Belt of the Coeur d'Alene district. The mine was shut down from 1941-44 because of the war and hence it evidently was not rated very strategic at that time.

A geologic check needs to be made, preferably by someone of the geologists working on the Coeur d'Alene project, who would have a basis for judging this property in relation to others of the Coeur d'Alene. If it has no promise for lead, it might be considered for antimony, provided the antimony is recoverable from an operation of this type. Perhaps the procedure for the Silver Belt ores, as regards recovery of antimony would be applicable to this proposition. The mine would have no value unless there is a possibility of discovery of an economically workable deposit.

Very truly yours,

Tom Lyon

Chairman
Coordinating Committee

ETMcKNIGHT:emp
G 6/13/51
Copies to: Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
File

Carl B. Moore
For Bureau of Mines

Chas N. Rove
For Geological Survey

FILE COPY
SURNAME:

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

McKnight
Mote
Herres
Ron
Moon

Re: Docket DMA-1425X

JUN 15 1951

Pittsburg Silver Mining Company
Box 1049
Kellogg, Idaho

Gentlemen:

Your application (Docket DMA-1425X) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to Mr. A.E.Weissenborn, Executive Officer of the Field Team, South 157 Howard Street, Spokane, Washington, with the request that the needed information be supplied to us.

Very truly yours,

Tom Lyon, Director
Supply Division

ETMcKNIGHT:emp
G 6/13/51
Copies to: A. E. Weissenborn Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

June 14, 1951

Mr. Eugene Keesey
Secretary-Treasurer
Pittsburg Silver Mining Company
Box 1049
Kellogg, Idaho

Subject: DMA-1425X
Re: Exploration Loan

My dear Mr. Keesey:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1425X and was referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 4, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1425X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel
Files
Herres
Lyon

00

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 6/14/51

REFERRED TO:

1. ~~[illegible]~~ 3618
2. Files
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: Noted, no answer required. O. Hoover
applicant received 6/14/51
applicant notified
O.H.

Check (X) before the items needing attention.

Initials of sender.

GPO 16—63815-1

PITTSBURG SILVER MINING COMPANY

LITTLE PITTSBURG MINE

P. O. BOX 1049
PHONE 96-J

KELLOGG, IDAHO

Dmd 1425X

May 29, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 4 1951
LANDON F. STROBEL
Executive Secretary

Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Gentlemen:

We today mailed to you by air mail four copies of Form MF-103, Application for Aid for An Exploration Project Pursuant to Mineral Order 5, Under Defense Production Act of 1950, for Pittsburg Silver Mining Company.

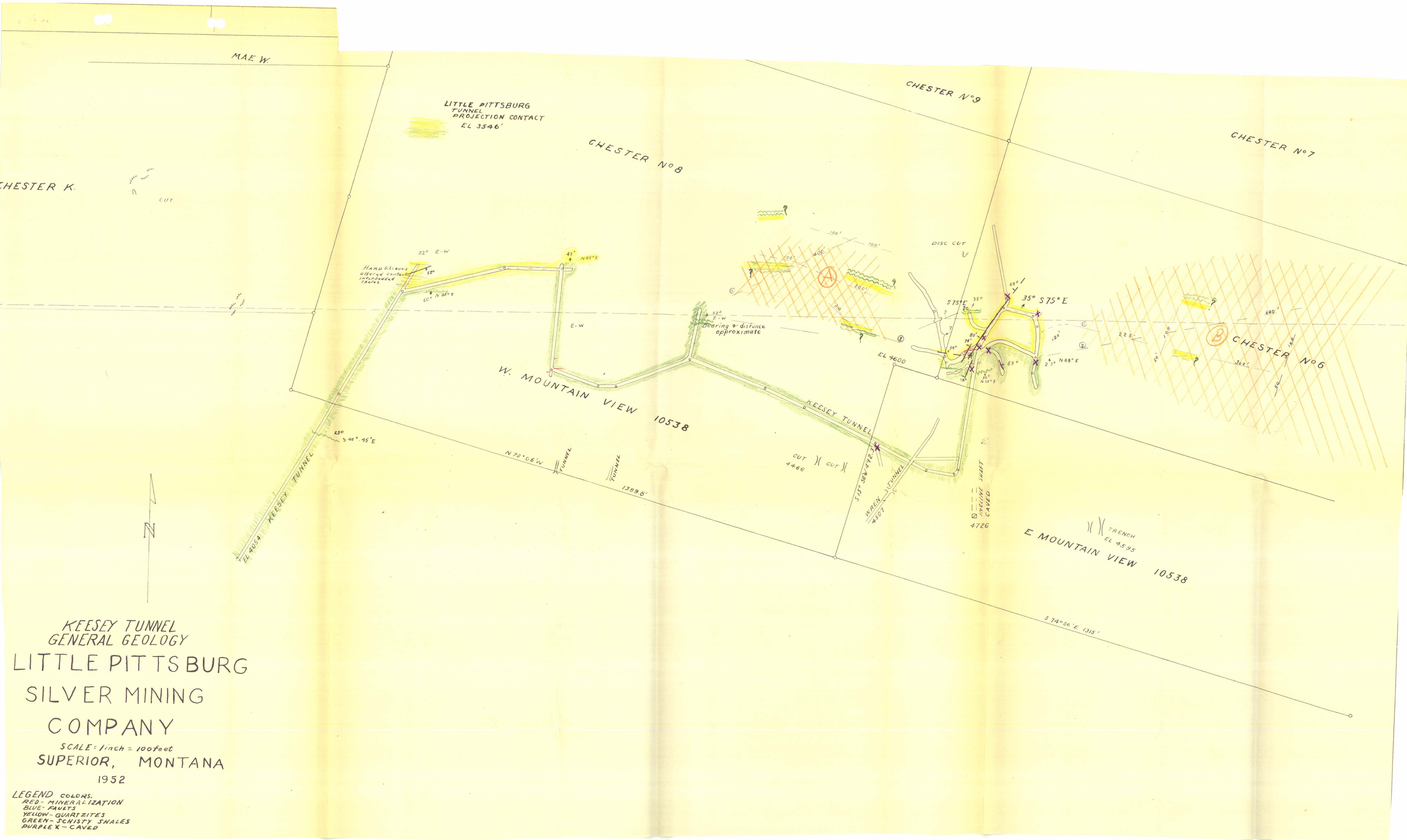
Should anyone from your department or your field office wish to make a trip to the property we shall be very happy to assist in any way we can and we ask that you feel free to call upon us. If there is any additional information which we can supply, please let us know.

Very truly yours,

PITTSBURG SILVER MINING COMPANY

By Margaret Featherstone

Dmd 1425



KEESEY TUNNEL
GENERAL GEOLOGY

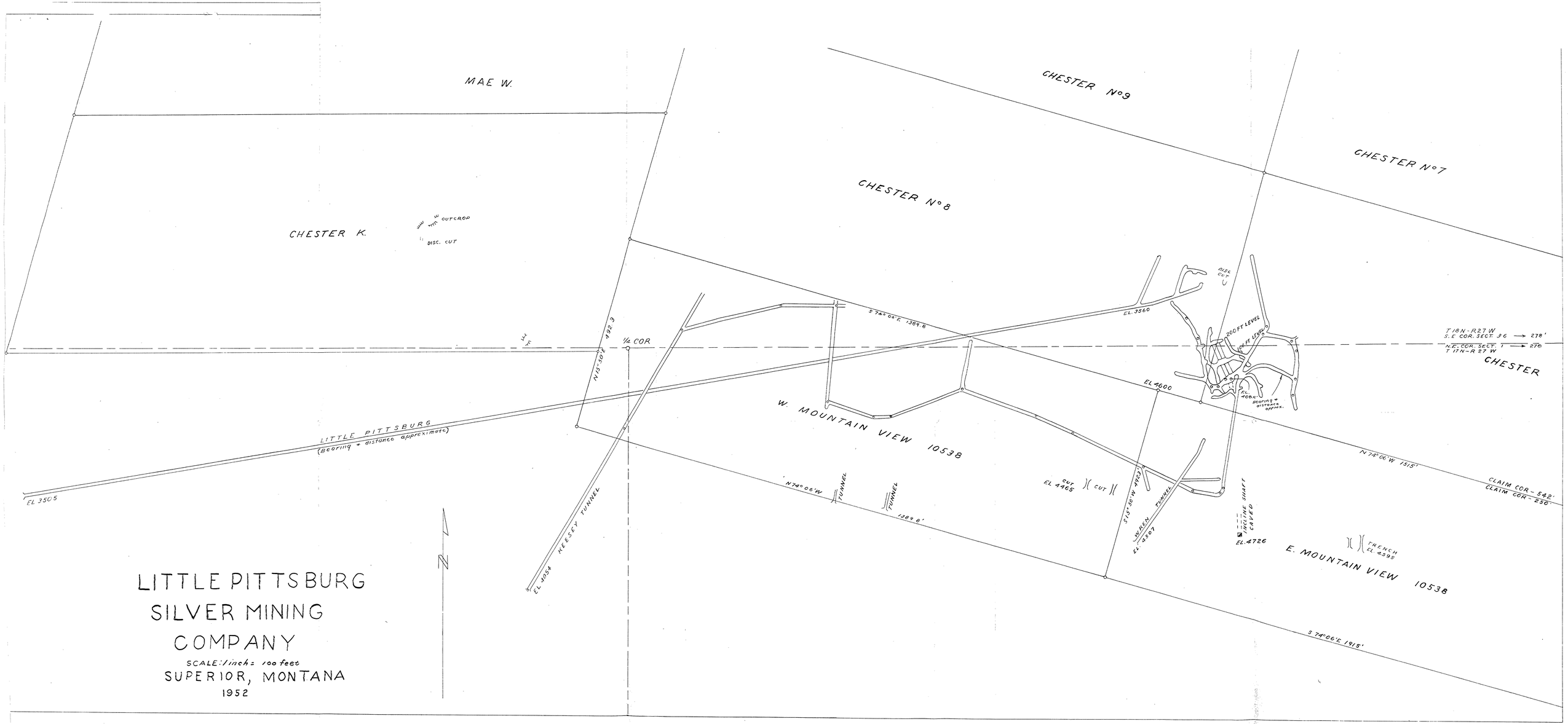
LITTLE PITTSBURG SILVER MINING COMPANY

SCALE = 1 inch = 100 feet

SUPERIOR, MONTANA

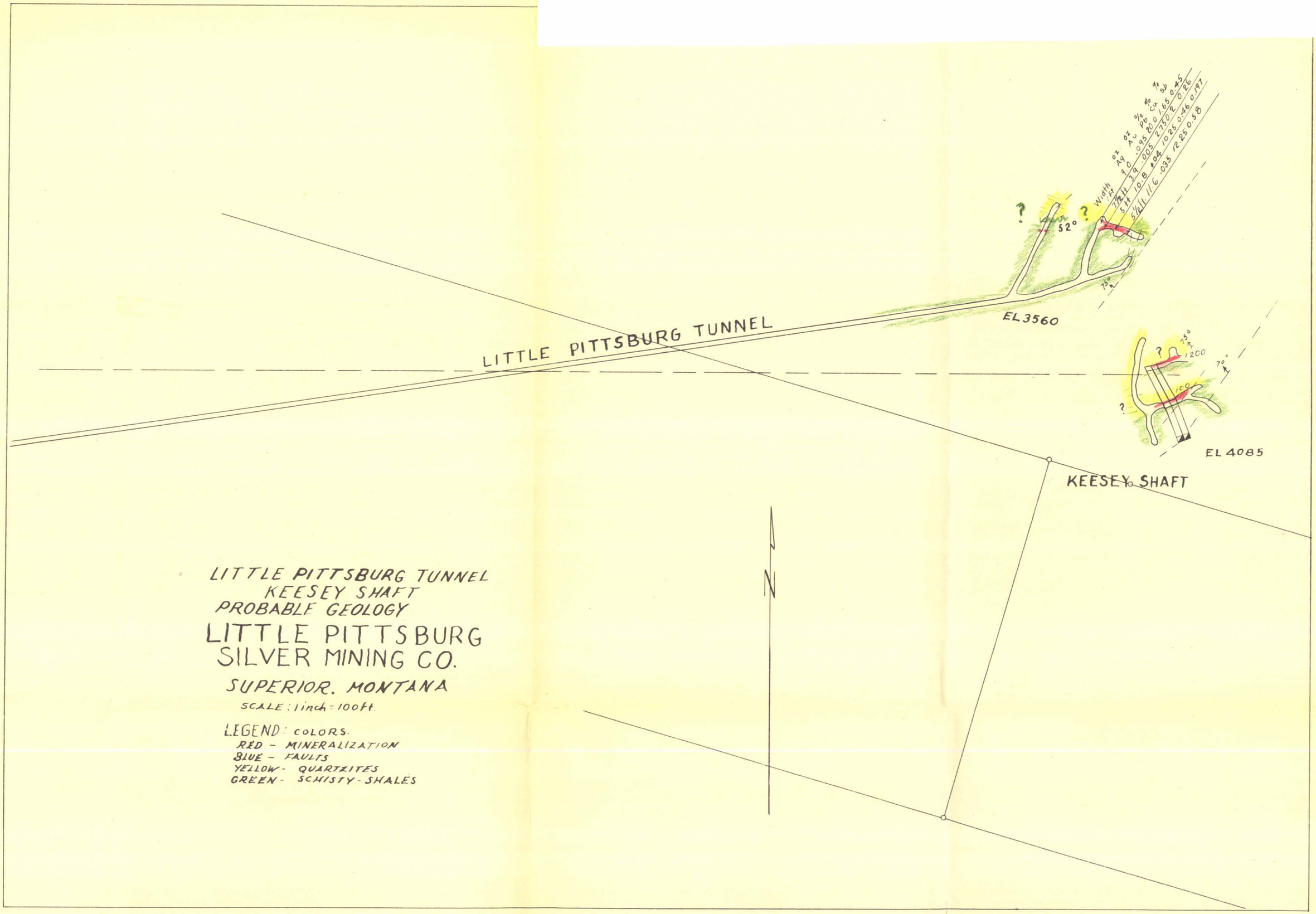
1952

LEGEND COLORS.
RED - MINERALIZATION
BLUE - FAULTS
YELLOW - QUARTZITES
GREEN - SCHISTY SHALES
PURPLE X - CAVED


MAE W.
CHESTER K.
OUTCROP
DISC. CUT
CHESTER No 9
CHESTER No 8
CHESTER No 7
N 13° 30' E 492.3
1/4 COR
S 74° 06' E 1389.8
EL. 3560
DISC CUT
200 FT LEVEL
100 FT LEVEL
T 18N-R 27 W
S.E. COR. SECT. 36 → 278'
N.E. COR. SECT. 1 → 278
T 17N-R 27 W
CHESTER
EL 4600
EL. 3084
BEARING & DISTANCE APPROX.
W. MOUNTAIN VIEW 10538
LITTLE PITTSBURG
(Bearing & distance approximate)
EL 3505
N 74° 06' W
TUNNEL
TUNNEL
1389.8'
CUT
EL 4465
CUT
S 13° 30' W 492.3'
HERSEN TUNNEL
EL. 3507
INCLINE SHAFT CAVED
EL. 4726
N 74° 06' W 1515'
CLAIM COR. - 542'
CLAIM COR. - 230'
TRENCH
EL 4395
E. MOUNTAIN VIEW 10538
S 74° 06' E 1915'
EL 4034 KEESEY TUNNEL
N
LITTLE PITTSBURG
SILVER MINING
COMPANY
SCALE: 1 inch = 100 feet
SUPERIOR, MONTANA
1952

LITTLE PITTSBURG
SILVER MINING
COMPANY
MINERAL COUNTY
MONTANA
SCALE: 1 inch: 50 ft

LEGEND: COLORS
RED - MINERALIZATION
BLUE - FAULTS
YELLOW - QUARTZITES
GREEN - SCHISTY SHALES
PURPLE X - CAVED



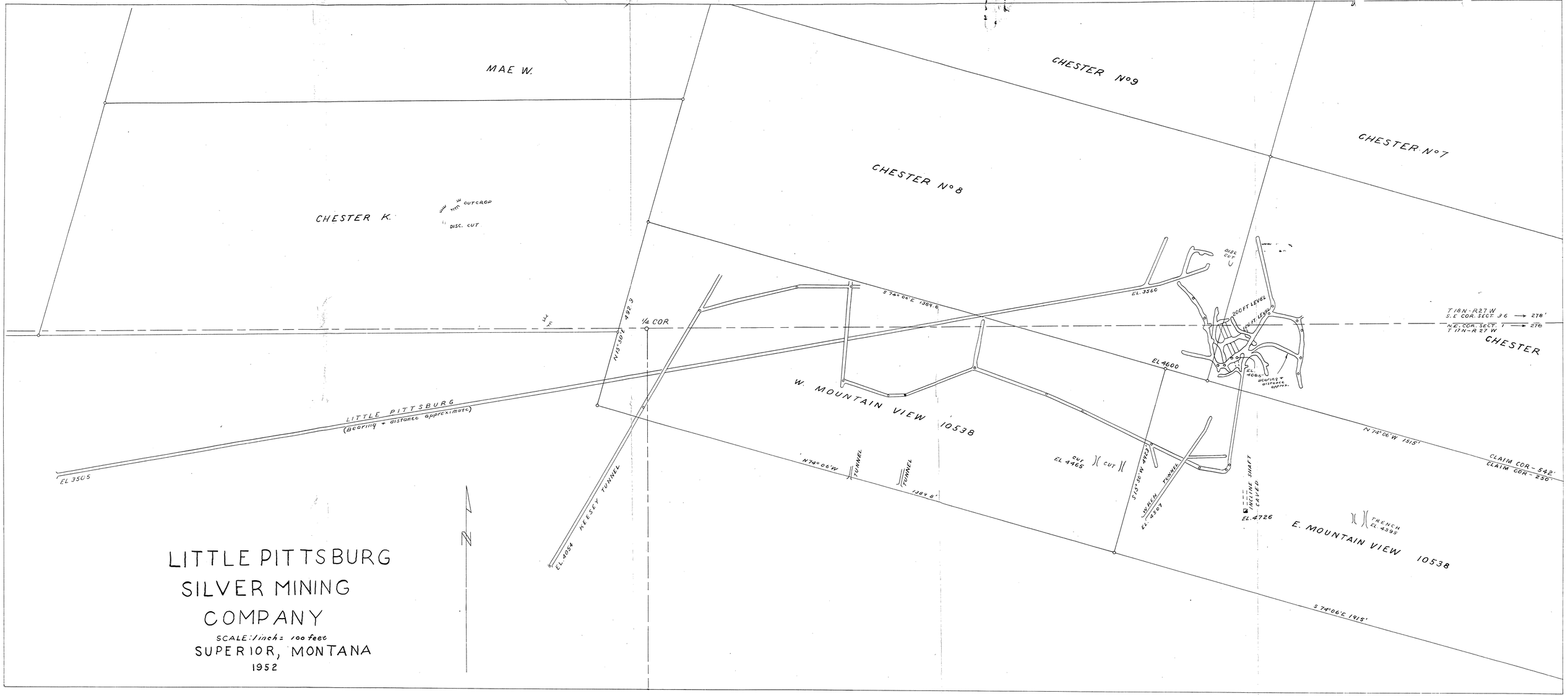
LITTLE PITTSBURG TUNNEL
KEESEY SHAFT
PROBABLE GEOLOGY

LITTLE PITTSBURG SILVER MINING CO.

SUPERIOR. MONTANA

SCALE: 1 inch = 100 ft.

LEGEND: COLORS.
RED - MINERALIZATION
BLUE - FAULTS
YELLOW - QUARTZITES
GREEN - SCHISTY-SHALES



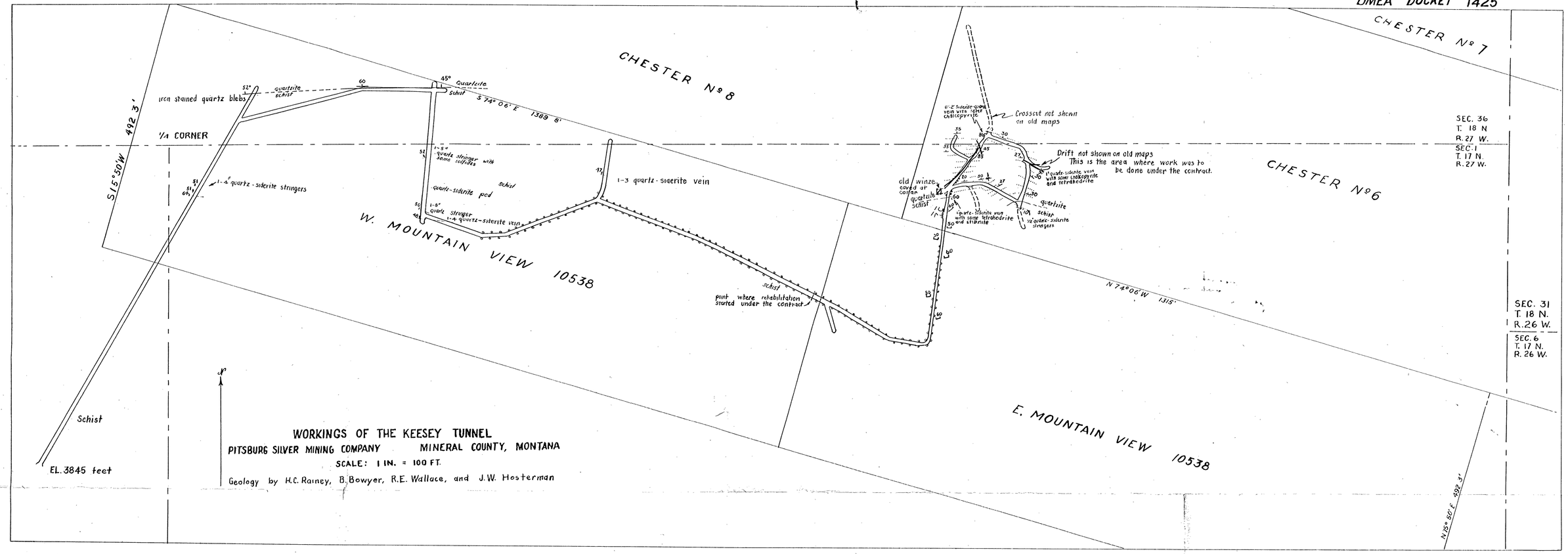
LITTLE PITTSBURG SILVER MINING COMPANY

SCALE: 1 inch = 100 feet

SUPERIOR, MONTANA

1952

DMEA DOCKET 1425



WORKINGS OF THE KEESEY TUNNEL

PITSBURG SILVER MINING COMPANY MINERAL COUNTY, MONTANA

SCALE: 1 IN. = 100 FT.

Geology by H.C. Rainey, B. Bowyer, R.E. Wallace, and J.W. Hosterman

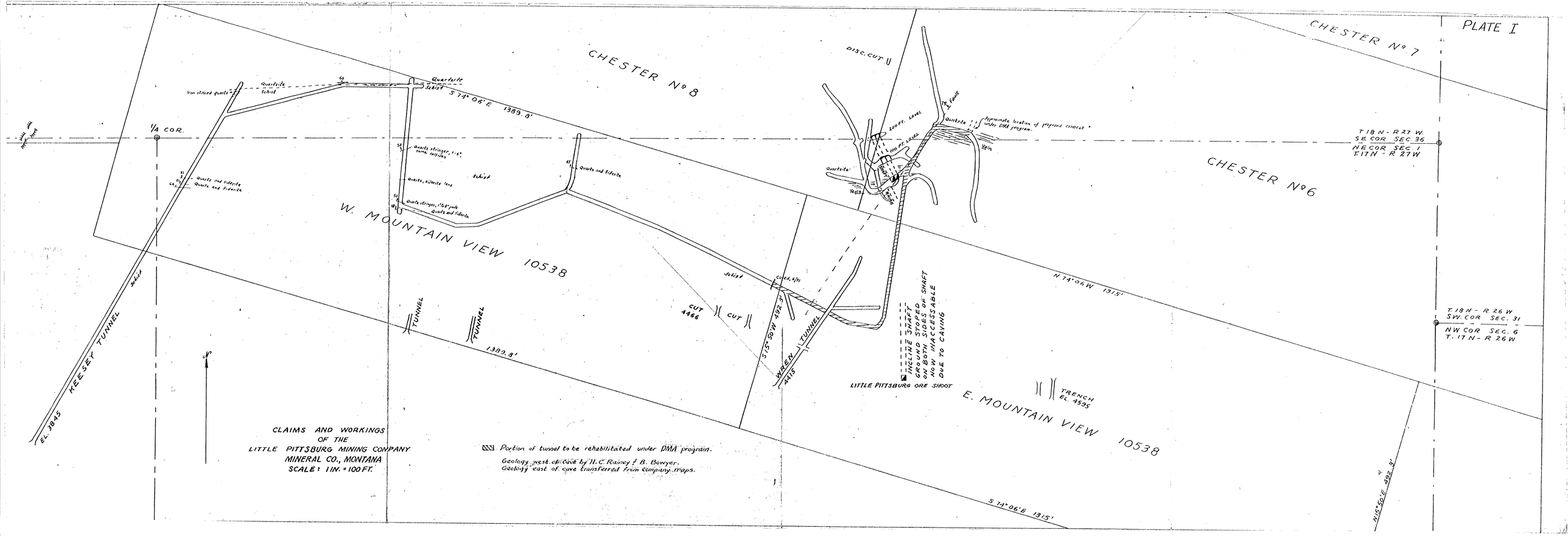


PLATE I
CHESTER Nº 7
CHESTER Nº 8
CHESTER Nº 6
W. MOUNTAIN VIEW 10538
E. MOUNTAIN VIEW 10538
DISC. CUT U
1/4 COR.
S 74° 06' E 1389.8'
N 74° 06' W 1315'
S 74° 06' E 1315'
N 15° 50' E 492.3'
S 15° 50' W 492.3'
Quartzite
Schist
Iron stained quartz
Quartz and siderite
Quartz stringer, 1-3" some sulphides
Quartz, siderite text
Quartz stringer, 1/8-1" pods
Quartz and siderite
Coated, 4/in
TUNNEL
CUT 4466
CUT
WEEN 4415
KEESEY TUNNEL
EL. 3945
INCLINE SHAFT GROUND STOPED ON BOTH SIDES OF SHAFT NOW INACCESSABLE DUE TO CAVING
LITTLE PITTSBURG ORE SHOOT
TRENCH EL. 4595
200 ft. LEVEL
100 ft. LEVEL
Quartz
Vein
15' fault
Approximate location of proposed crosscut under DMA program.
T 18 N - R 27 W
SE COR SEC. 36
NE COR SEC. 1
T. 17 N - R 27 W
T 18 N - R 26 W
SW. COR SEC. 31
NW COR SEC. 6
T. 17 N - R 26 W
CLAIMS AND WORKINGS
OF THE
LITTLE PITTSBURG MINING COMPANY
MINERAL CO., MONTANA
SCALE: 1 IN. = 100 FT.
Portion of tunnel to be rehabilitated under DMA program.
Geology west of cave by H. C. Rainey & B. Bowyer.
Geology east of cave transferred from company maps.