Standard Form No. 1034—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

Vou. No. 2322

SEP 21 1959 O.M.E.

PAID BY

(For use of Paying Office)

U. S. _____
(Department, bureau, or establishment)

Voucher prepared at Spokane, Washington 9/16/59
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E688

To Mrs. Susan Antonioli, Executrix
Estate of Peter Antonioli, (Payee) Deceased
524 S. Washington Butte Montana
(Address) (City) (State)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
PAYMENT: Complete ☐ Partial ☐ Final ☐		Refund of royalty overpayment (See Royalty Audit Report and Certificate by OME Auditor, C. E. Fisher, dated June 10, 1959). Refund claimed in letter dated August 31, 1959, from Mrs. Susan Antonioli, Executrix of the Estate of Peter Antonioli, Deceased.				933	09
		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	933	09

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

(Sign original only)

Date _____ *Payee _____
(This certificate not required when a like certificate is made by payee on attached bill or bills)

Per _____ Title _____

(Payee must NOT use this space)

Differences _____

Account verified; correct for 933 09

(Signature or initials) _____

Contract No. Date Req. No. Date Invoice Rec'd.

Pursuant to authority vested in me, I certify that this account is correct and proper for payment.

† Approved for $ _____

By _____

Title _____

SIGN ORIGINAL ONLY

† _____
(Authorized Certifying Officer)

Title _____

Date _____

THE REVERSE OF THIS FORM MUST BE EXECUTED WHEN PURCHASES ARE MADE OR SERVICES SECURED WITHOUT WRITTEN AGREEMENT IN ANY FORM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount

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 on the line below "Approved for $_____", and over his official title.

Per _____

Title _____

16—22900-3

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

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, as amended.)

16—22900-2 ☆ U. S. GOVERNMENT PRINTING OFFICE : 1950—O-75806

PETER ANTONIOLI

CONTACT MINING COMPANY

524 S. WASHINGTON
BUTTE, MONTANA

August 3, 1959

EXTRA COPY
O. M. E.
RECEIVED SEP 21 1959

DATE	INITIALS	CODE

Mr. Donald R. McLaren
For: Wing G. Agnew
Acting Executive Officer
OME Field Team, Region I
Department of the Interior
So. 157 Howard St
Spokane 4, Washington

Re: Docket No. DMES-3278(Manganese
Lead-Zinc)
Scratch All Mine
Granite County, Montana
Contract No. Idm-E588

Dear Sir:

This is a request for a refund of the $933.09 overpayment, to the DMEA, on production from the Scratch All mine.

Yours truly

SUSAN ANTONIOLI
Administrix Estate of
Peter Antonioli, Deceased.

Susan Antonioli

RECEIVED
AUG 5 1959

Office of the Clerk of the District Court of the)
Second Judicial District of the State of Montana,) --ss.
in and for the County of Silver Bow.)

I, Frank J. Gabse, Clerk of the District Court of the Second Judicial District of the State of Montana, in and for the County of Silver Bow, do hereby certify the foregoing to be a full, true and correct copy of the Letters Testamentary issued to Susan Antonioli in the matter of the Estate of Peter Antonioli, Deceased, now on file and of record in my office, and I further certify that the same have not been revoked or vacated, but are still of full force and effect.

WITNESS my hand and the Seal of said Court this 3rd day of April, 1959.

FRANK J. GABSE,
Clerk of the above-entitled Court

RECEIVED
BUREAU OF MINES
SEP 9 1959
SPOKANE, WASH

IN THE DISTRICT COURT OF THE SECOND JUDICIAL DISTRICT OF THE STATE OF MONTANA, IN AND FOR THE COUNTY OF SILVER BOW.

---oOo---

In the Matter of the Estate of No. 16351.

PETER ANTONIOLI,

Deceased.

---oOo---

LETTERS TESTAMENTARY.

STATE OF MONTANA,)
:--ss.
County of Silver Bow,)

The last will of Peter Antonioli, Deceased, a copy of which is hereto annexed, having been proved and recorded in the District Court of the Second Judicial District of the State of Montana, in and for the County of Silver Bow, Susan Antonioli, who is named therein as such, is hereby appointed Executrix thereof.

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

NOV 13 REC'D

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July (Final voucher), 1956 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

Contract Amount, $128,320.00 Government Participation: 62½% Amount, $80,200.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent Shaft Sinking~~ 600' level Contract:						
~~Drifting~~ Shaft station		1,785.00	1,785.00		1785.00	1785.00
Install pipe lines		1,300.00	1,300.00		1300.00	1300.00
Crosscutting timbered		3,393.00	3,393.00		3393.00	3393.00
Drifting	1560.00*	33,377.50	34,937.50*		33377.50	34937.50
Enlarge shaft		8,658.00	8,658.00		8658.00	8658.00
(2) ~~Independent Shaft Sinking~~ 800'						
~~Inclin~~ shaft station		5,250.00	5,250.00		5250.00	5250.00
~~Supervision~~ Shaft sinking		23,347.36	23,347.36		23347.36	23347.36
~~Technical Services~~ Raise		6,864.00*	6,864.00*		6864.00	6864.00
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
	*Amended and final					
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1560.00	84,940.86*	86,500.86*		86,500.86	86,500.86

RECEIVED FEB 21 1957 D.M.E.A.

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

Date Nov. 4, 1956 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ — o —

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date ..... Vou. No. .....

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 688 in accordance with the terms of the contract.

Signature /s/ John A. Bowsher Title Mining Engr. Date Nov. 13, 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Feb. 6, 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

NOV 13 REC'D

RECEIVED FEB 21 1957 D.M.E.A.

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

(Amended and Final Voucher)

Month of July 1956 Docket No. DMEA3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft	1560.00*	48	34,937.50	*1075*	32.50	2,080	67,600.00
Crosscutting timbered	ft			3,393.00	522	6.50	522	3,393.00
Raising	ft		6883.50	6,864.00*	176*	39.00	200	7,800.00
Shafts	ft			23,347.36	173.2	134.80	205	27,634.00
Shaft enlarged	ft			8,658.00	104	83.25	104	8,658.00
Drilling: Core	ft						600	3,000.00
600' shaft station	cu ft			1,785.00	3570	0.50	3,570	1,785.00
800' shaft station	cu ft			5,250.00	5250	1.00	5,250	5,250.00
Install pipe lines	ft			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea			66.00	33	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		1560.00*		85,600.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		1560.00		86,500.86				128,320.00

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

Date Nov. 4, 1956 Operator Peter Antonioli

Per _____ 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.

(Instructions on reverse)

REMARKS: *Previous voucher amended, these totals have been checked with Mr. John A. Bowsher, U.S. Bureau of Mines, Butte Office and have been mutually agreed upon. No additional claims will be made with respect to this contract. See included report.

(For Government use only)

/s/ John A. Bowsher, Mining Engr.

INSTRUCTIONS

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

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

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

GPO 872894

NOV 13 REC'D
OFFICIAL FILE COPY
D M E A
RECEIVED FEB 21 1957
DATE | INITIALS | CODE

524 So. Washington St.
Butte, Montana
November 4, 1956

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket DMEA 3278
Contract Idm-2608
Supplemental and Final
Operating Report.
Scratch All Mine
Granite County, Montana

Dear Sirs:

Since submitting report covering this contract for July 1, 1956 to July 28, 1956 inclusive, my son, Frank Antonioli, met with Mr. John L. Bowsher, Butte district office, U. S. Bureau of Mines and reviewed and examined monthly reports and checked maps and work carried out under the DMEA contract and have agreed to the work completed and work vouchered for in this report.

It is my decision that this amended voucher will be final and that no additional claims will be made pertaining to this contract.

During the contract period the following work has been completed according to contract specifications:

Item	Authorized	Completed	Vouchered
Construct compressor and hoist house	$900.00	$900.00	$900.00
Install pipe lines	500 ft.	500 ft.	500 ft.
Enlarge shaft	104 ft.	104 ft.	104 ft.
Sink shaft (Amended 2/14/55)	176 ft.	172.2 ft.	175.2 ft.
Enlarge 600 shaft station	3570cu ft	3580cu ft	3570cu ft
Excavate 800 shaft station	3250cu ft	3366cu ft	3250cu ft
Drifting and crosscutting	2080 ft	1083 ft	1075 ft
Timbering	522 ft	543.4 ft	522 ft
Raise	200 ft	178 ft	176 ft
Core drill	600 ft	(None for contract)	
Assays	500	33	36

I wish to especially thank for their cooperation and helpful technical advice during the time covered by my application and contract work the following; Mr. John McNabb, formerly of the U. S. Bureau of Mines, Butte office; Mr. John L. Bowsher and Eldon Pattie, U. S. Bureau of Mines, Butte office; Mr. James Quinlan,

500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 2/21

REFERRED TO:

1. ~~110~~
2. 400
3.
4.

FOR:

- ---------- Action
- ---------- Approval
- ---------- Comment
- ---------- Conference
- ---------- Consideration
- ---------- Filing
- ---------- Instructions
- ---------- Investigation
- ---------- Initials
- ---------- Mailing
- ---------- Previous correspondence
- ---------- Recommendation
- ---------- Record of ----------
- ---------- Referring to ----------
- ---------- Reply for signature of ----------
- ---------- Rewriting
- ---------- Signature
- ---------- Suggestions
- ---------- Your information

REMARKS:

Certification Com. Act

Check (X) before the items needing attention.

2/25/57 Initials of sender.

GPO 16—63815-1

Mr. Hatten working on certification Com.

examining geologist for D.N.R.A.

Attached to this final report are geological maps and report of Mr. Ben Cannon, consulting geologist, which complete the required final report for the exploration project at the Scratch Ali Mine, Granite County, Montana.

Sincerely,

Peter Antoniolli

Peter Antoniolli
Operator-Scratch Ali Mine

xxxxxxxxxxxxxxxxxx
1201 N. Division St.
Spokane 2, Washington

February 13, 1957

EXTRA COPY DMEA RECEIVED FEB 21 1957		
DATE	INITIALS	CODE
2/25	WSM	400

Mrs. Dorothy Long, Certifying Officer
DMEA Field Team, Region I, NW
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA-3278
(manganese-lead-zinc)
Contract No. Idm-E688
Scratch All Mine

Dear Mrs. Long:

The work completed under the contract was done to the satisfaction of the Government. The contract was terminated by mutual agreement on August 15, 1956. A final report evaluating the results of the exploration program has been presented by the operator and accepted by the Executive Officer.

The Government has no interest in supplies or equipment purchased for use on the project.

Certification of this project has been recommended by the Field Team.

A final Report of Review dated November 19, 1956 by DMEA Auditor C. A. Turner has been received.

As all contract requirements have been met, it is requested that final settlement of our account with the operator be made.

Sincerely yours,

Wing G. Agnew, Acting Exec. Officer
DMEA Field Team, Region I, NW

cc: Survey (2)
DMEA (2)
Contract Admin. & Audit Division

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R

RECEIVED
SEP - 4 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Contract Termination
Month of July, 1956 Docket No. DMEA 3878 Contract No. Ida-1658
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 224 So. Washington St., Butte, Montana
Contract Amount, $100,000.00 Government Participation 62½ % Amount, $60,000.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Mining Services: 500' level Short Form						
Drilling shaft section		1,785.00	1,785.00		1785.00	1785.00
Installation of power lines		1,300.00	1,300.00		1300.00	1300.00
Drift Crosscut		3,393.00	3,393.00		3393.00	3393.00
Drifting	1625.00	27,777.50	29,402.50	1625.00	33377.50	35002.50
Raise shaft		8,658.00	8,658.00		8658.00	8658.00
(2) Labor and Supervision: 500'						
Labor		5,250.00	5,250.00		5250.00	5250.00
Supervision shaft sinking		23,347.36	23,347.36		23347.36	23347.36
Technical Services Raise		6,883.50	6,883.50		6883.50	6883.50
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1625.00	84,960.36	86,585.36	1625.00	84960.36	86585.36

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

Date July 30, 1956 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 715.63

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

Date 8-27-56 Vou. No. 1856
(See other side)

86585.36
20000.00
66585.36

(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. E688 in accordance with the terms of the contract.

Signature /S/ John A Bowsher Title Mining Engr Date 8-23-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Wing G Agnew Title Acting Exec Date 8-27-56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP - 4 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Contract Termination

Month of July 1956 Docket No. DMEA 2270 Contract No. 70[illegible]-7020

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St. Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft	1625.00	60	35,0[illegible]	1077	[illegible]	[illegible]	67,600.00
Crosscutting timbered	ft			[illegible]	[illegible]	6.50	[illegible]	[illegible]
Raising	ft			6,[illegible]	176.5	[illegible]	[illegible]	7,200.00
Shafts	ft			22,347.36	172.1	154.50	[illegible]	17,[illegible]
Winzes xxx shaft enlarged	ft			2,854.00	104	[illegible]	104	[illegible]
Drilling: Core	ft						800	3,000.00
600' underground station cu ft				1,705.00	2170	3.54	2,170	1,705.00
600' underground station cu ft				[illegible]	[illegible]	1.00	[illegible]	[illegible]
Auger Total 1,[illegible] Lines ft				1,200.00	500	[illegible]	500	1,500.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			60.00	28	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		1625.00		45,[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				200.00				500.00
TOTAL COSTS		1625.00		46,[illegible]				[illegible]

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

Date July 30, 1956 Operator Peter Antonioli

Per ..... 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.

REMARKS: Final monthly report indicates date by to July 30, 1956 termination date of this contract. No inclused report.

(Instructions on reverse)

(For Government use only)

/s/ John A Bowshu

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
SEP - 4 1956

524 So. Washington St.
Butte, Montana
July 28, 1956

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket DMEA 3278
Contract Idm-E688
Operating report for
July 1 to July 28, 1956
Contract Termination Date

Dear Sirs:

During the month of July work was continued on 807 drift west. Total advance up to the termination date of the contract and vouchered for is 50 feet of drift advance.

The exploration undertaken during the past two years has accounted for considerable mineral production and the ore developed during this program will be reported and mined for several years to come. Exploration work along the same lines as those called for in the contract will be carried on in addition to other development work.

All contract work vouchered for, during the term of my contract, has met the specifications and requirements of the contract.

Work completed during July 1 to July 28, 1956.

807 drift west----------50 feet advance

Work completed to date.

807 drift west----------543 feet total advance*

*includes 806 xc S.W.
Note: Upon a review of these reports for May and June an error was discovered in the operating reports for 807 drift advance and 807 drift timbered. The corrected figures which check with the footage vouchered for is as follows:

May, 1956	451 feet total advance	414 feet timbered
June, 1956	493 feet total advance	434 feet timbered

Yours truly,

Peter Antonioli

Peter Antonioli

PA/fa

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

JUL 12 REC'D

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JUL 23 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 195 6 Docket No. DMEA 6278 Contract No.

Operator's Name Peter Antonioli Minerals Idm-1630 Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

Contract Amount, $ 125,310.00 Government Participation 62% Amount, $ 80,[illegible]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 Contractors:						
Shaft work, level [illegible] shaft station					1785.00	1785.00
Bulldozing		1,765.00	1,765.00		1300.00	1300.00
Install air pipe lines		1,300.00	1,300.00	130.00	3263.00	3393.00
Crosscutting	130.00	3,263.00	3,393.00	1365.00	32012.50	33377.50
Drift [illegible]	1,365.00	32,012.50	33,377.50		8658.00	8658.00
Enlarge shaft		8,658.00	8,658.00			
(2) Labor and Supervision:					5250.00	5250.00
[illegible] 800'					23347.36	23347.36	
Supervision		5,250.00	5,250.00		6883.50	6883.50
Shaft station		23,347.36	23,347.36			
Shaft sinking		6,883.50	6,883.50			
Technical Services						
(3) Operating Materials and Supplies:		6,883.50	6,883.50			
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.					900.00	900.00
(7) Miscellaneous:		900.00	900.00			
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes		66.00	66.00		66.00	66.00
Liability Insurance						
(8) Contingencies (specify):						
Totals	1,495.00	83,465.36	84,960.36	1495.00	83465.36	84960.36

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

Date July 10, 1956 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 934 38

Signature MAP
(Authorized Certifying Officer)

Date 7-20-56 Vou. No. 1821

(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. 6688 in accordance with the terms of the contract.

Signature /S/ John A Bowshu Title Mining Engr Date 7-13-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ King G Agnew Title Acting Exec Date 7-16-56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

JUL 12 1956

Budget Bureau No. 42-R1151.2

RECEIVED
JUL JUL 23 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1956 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft	1365.00	42	33,377.50	1027	32.50	2,080	67,600.00
Crosscutting timbered	ft	130.00	20	3,393.00	522	6.50	522	3,393.00
Raising	ft.			6,883.50	176.5	39.00	200	7,800.00
Shafts	ft.			23,347.36	173.2	134.80	205	27,634.00
enalrge and timber	ft.			8,658.00	104	83.25	104	8,658.00
Drilling: Core	ft.						600	3,000.00
600' shaft station	cu ft			1,785.00	3570	.50	3,570	1,785.00
800' shaft station	cu ft			5,250.00	5250	1.00	5,250	5,250.00
Install pipe lines	ft			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea			66.00	33	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		1495.00		84,060.36				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		1495.00		84,960.36				128,320.00

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

Date July 10, 1956 Operator Peter Antonioli

Per ..... 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.

REMARKS: Monthly report and maps enclosed.

(Instructions on reverse)

(For Government use only)

/s/ John A. Bowsher

RECEIVED
JAN 23 1956

INSTRUCTIONS

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

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

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

GPO 872894

JUL 12 REC'D

RECEIVED

JUL 23 1956

534 So. Washington
Butte, Montana
July 10, 1956

Defense Minerals Exploration Administration
1101 North Division Street
Spokane 2, Washington

Re: Docket DMA 6470
Contract Idm-1200
Operating report for
June, 1956

Dear Sirs:

During the month of June work was continued on 607 drift east on the Cliff vein; however, the vein has become less mineralized and smaller. The advance made in this drift for June was 42 feet of timbered drift.

The expiration date of this contract is July 31, 1956 and although considerable drifting has not been and will not be completed by the expiration date, I have decided not to request an extension of the expiration date because most of the work as outlined in the contract will be completed at my expense during the remainder of the year.

Some work allowed for in the contract has been carried out but has not been vouchered for; See enclosed map 606 I.D. B.S. This particular work has been in a well mineralized area along the Emerald Hall Scratch All Vein and considerable production is being obtained.

Work completed during June.

607 drift east----------42 feet advance

607 drift east----------42 feet timbered

Work completed to date.

607 drift east----------471 feet timbered

607 drift east----------546 feet

*Includes 286 xc S.P.

Sincerely,

Peter Antonioli

Peter Antonioli

PA/fs

If he's going to do the work anyway, why not get paid for it? We may have to write to the FT about this, but give them time to make the first move if they are going to anyway

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
JUN 18 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1956 Docket No. DMEA 3278 Contract No. Idm-E688
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana
Contract Amount, $128,320.00 Government Participation: 62½% Amount, $ 80,200.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: 600' level						
Drilling shaft station		1,785.00	1,785.00		1785.00	1785.00
Building lines		1,300.00	1,300.00		1300.00	1300.00
Crosscutting drift timbered	240.50	3,022.50	3,263.00	240.50	3022.50	3263.00
Drifting	1202.50	30,810.00	32,012.50	1202.50	30810.00	32012.50
Enlarge shaft		8,658.00	8,658.00		8658.00	8658.00
(2) Supervision: 800'						
shaft station		5,250.00	5,250.00		5250.00	5250.00
shaft sinking		23,347.36	23,347.36		23347.36	23347.36
Raise		6,883.50	6,883.50		6883.50	6883.50
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,443.00	82,022.36	83,465.36	1443.00	82022.36	83465.36

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

Date June 6, 1956 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 901.88

Signature MSP
(Authorized Certifying Officer)

Date 6-14-56 Vou. No. 1792
(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-688 in accordance with the terms of the contract.

Signature /S/ John A. Dawsher Title Mining Engr. Date 6/8/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ A. E. Wissenborn Title Executive Officer Date 6/12/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 18 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1956 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	1202.50	37	32,012.50	985	32.50	2,080	67,600.00
Crosscutting timbered	ft.	240.50	37	3,263.00	502	6.50	522	3,393.00
Raising	ft.			6,883.50	176.5	39.00	200	7,800.00
Shafts	ft.			23,347.36	173.2	134.80	205	27,634.00
~~Winzes~~ enlarge and timber	ft.			8,658.00	104	83.25	104	8,658.00
Drilling: Core	ft.						600	3,000.00
600' shaft station	cu ft			1,785.00	3570	.50	3,570	1,785.00
800' shaft station	cu ft			5,250.00	5250	1.00	5,250	5,250.00
Install pipe lines	ft.			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
ASSAYS	ea.			66.00	33	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		1443.00		82,565.36				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		1443.00		83,465.36				128,320.00

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

REMARKS: Monthly report and maps enclosed.

Date June 6, 1956 Operator Peter Antonioli

Per ..... 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.

(Instructions on reverse)

(For Government use only)

/s/ John A Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
JUN 18 1956

524 So. Washington St.
Butte, Montana
June 6, 1956

Defense Minerals Exploration Administration
1301 North Division Street
Spokane 2, Washington

Re: Docket DMEA 3270
Contract Idm-2008
Operating report for
May, 1956.

Dear Sirs:

During the month of May work continued on the Cliff vein in 807 drift west on a one shift per day basis. The ore shoot now exposed in this drift is continuous for over two hundred feet in length and will average approximately three feet in width and assay approximately 10 oz. silver, 0.02 oz. gold, 2.0 percent lead, and 15 percent zinc. During May settlement was received for 103.257 sdt of ore from 807 drift west and it averaged 7.5 oz. silver, 0.04 oz. gold, 1.5 percent lead, and 14.5 percent zinc.

The following work claimed for has been completed during the month of May, 1956 and meets contract specifications.

Work completed during May.

807 drift west----------57 feet advance

807 drift west----------57 feet timbered

Work completed to date.

807 drift west----------451 feet*

807 drift west----------504 feet*

*Includes 806 xc 8.5.

Sincerely,

Peter Antoniolli

Peter Antoniolli

PA/Fa

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

MAY 7 REC'D
MAY 7 8 REC'D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
MAY 3 1 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1956 Docket No. DMEA 3278 Contract No. Idm-1605
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 525 So. Washington St., Butte, Montana
Contract Amount, $ 128,220.00 Government Participation 62½ % Amount, $80,200.00

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 Contractor 600' Level Short Form						
Drift Shaft station		1,785.00	1,785.00		1785.00	1785.00
Install pipe lines		1,300.00	1,300.00		1300.00	1300.00
Drift						
Crosscut timbered	325.00	2,697.50	3,022.50	325.00	2697.50	3022.50
Drifting	1625.00	29,185.00	30,810.00	1625.00	29185.00	30810.00
Enlarge shaft		8,658.00	8,658.00		8658.00	8658.00
(2) Labor and Supervision: 600'						
Labor shaft station		5,250.00	5,250.00		5250.00	5250.00
Supervision shaft sinking		23,347.36	23,347.36		23347.36	23347.36
Technical Services Raise		6,883.50	6,883.50		6883.50	6883.50
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1950.00	80,072.36	82,022.36	1950.00	80072.36	82,022.36

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

Date May 4, 1956 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 1218 75

Signature MJP
(Authorized Certifying Officer)

Date 5/23/56 Vou. No. 1779
(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. E688 in accordance with the terms of the contract.

Signature /S/ John A. Dawsher Title Mining Eng. Date 5/5/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Wm G. Agnew Title Acting Exec. Officer Date 5/21/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-108A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
MAY 31 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 195 6 Docket No. DMEA 3270 Contract No. [illegible]
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	1625.00	50	30,810.00	949	32.50	2,000	67,600.00
Crosscutting timbered	ft.	325.00	50	3,022.50	465	6.50	522	3,393.00
Raising	ft.			6,883.50	176.5	39.00	200	7,800.00
Shafts enlarge and	ft.			22,247.36	172.2	134.50	205	27,634.00
timber	ft.			8,658.0[illegible]	104	83.15	104	8,658.00
Drilling: Core	ft.						600	3,000.00
800' x half station	cu ft			1,785.00	3570	0.50	3,570	1,785.00
300' shaft station	cu ft			5,250.00	5250	1.00	5,250	5,250.00
enlarge pipe lines	ft.			1,200.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	oz.			66.00	22	3.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		1950.00		81,122.36				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		1950.00		82,022.36				128,[illegible]0.00

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

Date May 4, 1956 Operator Peter Antonioli

Per ..... Title .....

REMARKS: See report and maps enclosed.

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

(Instructions on reverse)

(For Government use only)

/s/ John A Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
MAY 3 1 1956

[illegible] Co. [illegible] Ltd.
Dallas, [illegible]
May 6, 1956

Defense Minerals Exploration Administration
[illegible] North Davidson Street
[illegible], Washington

Re: Project [illegible]
Contract [illegible]
Operation report for
April, 1956.

Dear Sirs:

During the month of April work was continued on 207 drift west for a distance of fifty feet. This work was on a [illegible] vein (Jay Bird) and the ore in the drift was blasted prior to the month end and left for shipment. The ore in the vein in 207 drift west has continued to be approximately 6 feet in width and two ore shoots carried April for which settlement has arrived averaged 6.1 oz Ag, 0.018 oz Au, 10.5 percent Zn, 1.16 percent Pb, for 21.61 cut.

Work other than that under the DMEA contract has consisted of development work, the Burglar vein which was in the intermediate levels has continued to produce a well mineralized structure in the lower Bonanza Section and is expected to be a rich driving this coming June 15, 16, 17, and 18 inclusive.

The following work should be completed during the month of April, 1956 according to contract specifications.

Work completed during April.

207 drift west----------50 feet advance

207 drift east----------[illegible] feet timbered

Work continued to date.

207 drift west----------[illegible] feet

207 drift east----------[illegible] feet

Photos [illegible] as [illegible].

Respectfully,

Peter Antonioli
Peter Antonioli

[illegible]

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

RECEIVED
BUREAU OF MINES
APR 9 - 1956
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
APR 16 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 1956 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $ [illegible] Government Participation: [illegible]% Amount, $ [illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling					1785.00	1785.00
Bulldozing					1300.00	1300.00
Crosscutting				455.00	2242.50	2697.50
Drifting				3412.50	25772.50	29185.00
					8658.00	8658.00
(2) Labor and Supervision:						
Labor					5250.00	5250.00
Supervision					23347.36	23347.36
Technical Services				2437.50	4446.00	6883.50
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.					900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis					66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS				6305.00	73767.36	80072.36

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

Date [illegible] *Payee [illegible]

Per Peter Antonioli Title [illegible]

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

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

(Instructions on reverse)

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

$2940 63

Signature MJP
(Authorized Certifying Officer)

Date 4/11/56 Vou. No. 1748
(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. 6688 in accordance with the terms of the contract.

Signature /S/ John A. Bowshier Title Mining Engr. Date 4/6/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ A. E. Weissenborn Title Exec. Officer Date 4/9/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
APR 16 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Crosscutting	[illegible]	[illegible]	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Raising	[illegible]	[illegible]	625	[illegible]	175.5	[illegible]	[illegible]	[illegible]
Shafts	[illegible]	2497.50		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Winzes	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Drilling: Core	[illegible]						[illegible]	[illegible]
Churn	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Auger	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stripping	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trenching								
Test Pits								
Roads and Trails								
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL DISTRIBUTED COSTS		[illegible]		[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				[illegible]				[illegible]
TOTAL COSTS		[illegible] 6305.00		[illegible] 80072.36				[illegible]

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

Date [illegible] Operator Peter Antonioli

Per ..... Title .....

REMARKS: [illegible]

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

(Instructions on reverse)

(For Government use only)

/s/ John A Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

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APR 16 1956

Peter Antoniadi

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APR 16 1956

DMEA Field Team, Region I, EW

April 11, 1956

DMEA Certifying Officer, Region I

Contract Idm-D688, Peter Antonioli, Monthly operating report for March 1956.

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

A disallowance of $253.50 has been made from the amount claimed for raise advance, covering 6.5 feet of raise at $39.00 per foot. The raise footage claimed by the operator was measured from the sill floor and not from the sill cap.

Myrtle Purdy

cc: Operator
DMEA (2)
USGS (2)
Wash. 2
AD
Engineer

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

Budget Bureau No. 42-R1036.5

MAR 5 REC'D

RECEIVED

MAR 12 1956

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

Month of February, 1956 Docket No. DMEA 3278 Contract No. Idm-2688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

Contract Amount, $ 126,320.00 Government Participation: 62½% Amount, $ 80,200.00

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 Contract~~ 800' level ~~Shortform~~						
~~Dalbo~~ Shaft station		1,785.00	1,785.00		1785.00	1785.00
Inst. pipe lines		1,300.00	1,300.00		1300.00	1300.00
~~Bandalx~~		8,658.00	8,658.00		8658.00	8658.00
~~Crosscutting~~ Shaft						
Drifting	1,300.00	24,472.50	25,772.50	1300.00	24472.50	25772.50
Drift timbered	260.00	1,982.50	2,242.50	260.00	1982.50	2242.50
(2) ~~Labor and Supervision~~ 800'						
~~Labor~~ Shaft station		5,250.00	5,250.00		5250.00	5250.00
~~Supervision~~ Shaft sinking		23,347.36	23,347.36		23347.36	23347.36
~~Technical Services~~ Rental	1,755.00	2,691.00	4,446.00	1755.00	2691.00	4446.00
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3,315.00	70,452.36	73,767.36	3315.00	70452.36	73767.36

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

Date March 2, '56 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 2071 88

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

Date 3/8/56 Vou. No. 1728
(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. E688 in accordance with the terms of the contract.

Signature /S/ John A. Bowsher Title Mining Engr. Date 3/6/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ A. E. Weissenborn Title Exec. officer Date 3/8/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAR 12 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1956 Docket No. DMEA 3278 Contract No. Ida-5633
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.	1300.00	40	25,772.50	793	32.50	3,000	67,600.00
Crosscutting timbered	ft.	260.00	40	2,242.50	348	6.50	532	3,398.00
Raising	ft.	1755.00	65	4,446.00	114	39.00	100	7,800.00
Shafts	ft.			23,347.36	173.2	134.50	305	37,654.00
Winzes enlarge and timber	ft.			3,658.00	104	35.25	104	3,660.00
Drilling: Core	ft.						600	3,000.00
600' shaft station chunk	cu ft			1,735.00	3570	0.50	3570	1,785.00
800' shaft station layer	cu ft			5,250.00	5250	1.00	5.50	5,660.00
Stripping Pipe lines	ft.			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			66.00	33	2.00	500	1,000.00
Total Distributed Costs		3315.00		72,867.36				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
Total Costs		3315.00		73,767.36				128,320.00

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

Date March 9, 1956 Operator Peter Antonioli

Per ..... Title .....

Remarks: See attached report and maps.

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

(Instructions on reverse)

(For Government use only)

/s/ John A. Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
MAR 12 1956

[illegible]
[illegible], [illegible]
March [illegible], 1956

[illegible]
[illegible]
[illegible], Washington

Re: [illegible]
[illegible]
[illegible]
February, 1956.

Dear Sir:

During the month of February [illegible]

The following [illegible]

[illegible]

[illegible]

[illegible]

[illegible] February [illegible], 1956.

[illegible]

[illegible]

[illegible]

[illegible]

Yours truly,

Peter Antonioli

[illegible]

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

FEB 7 REC'D

Budget Bureau No. 42-R1036.5

RECEIVED
FEB 17 1956

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

Month of January, 1956 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Peter Antonioli Minerals [illegible]
Address [illegible] Lead, Ind
Contract Amount, $[illegible] Government Participation: [illegible] % Amount, $[illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contractors:						
Short Form [illegible]						
Drilling		1,785.00	1,785.00		1785.00	1785.00
Pulldozing		1,300.00	1,300.00		1300.00	1300.00
Crosscutting		8,658.00	8,658.00		8658.00	8658.00
Drifting	2,210.00	22,262.50	24,472.50	2210.00	22262.50	24472.50
[illegible]	409.50	1,573.00	1,982.50	409.50	1573.00	1982.50
(2) Labor and Supervision:						
Labor		5,250.00	5,250.00		5250.00	5250.00
Supervision		23,347.36	23,347.36		23347.36	23347.36
Technical Service	312.00	2,379.00	2,691.00	312.00	2379.00	2691.00
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,931.50	67,520.86	70,452.36	2931.50	67520.86	70452.36

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

Date Feb. 2, 1956 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 1832.19

Signature [illegible]
(Authorized Certifying Officer)

Date 2/13/56 Vou. No. 1704
(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. 6688 in accordance with the terms of the contract.

Signature /S/ John A. Bowsher Title Mining Engr Date Feb 9-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ A. E. Weissenborn Title Exec. Officer Date 2/13/56

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
FEB 17 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1956 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Peter Antonelli Minerals [illegible]
Address [illegible] Butte, Montana [illegible]

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.	[illegible]	68	[illegible]	758	[illegible]	[illegible]	67,000.00
Crosscutting Timbered	ft.	[illegible]	65	[illegible]	[illegible]	8.50	[illegible]	[illegible]
Raising	ft.	918.00	8	[illegible]	68	10.80	800	7,000.00
Shafts	ft.			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Winzes Timbered	ft.			[illegible]	104	[illegible]	100	[illegible]
Drilling: Core	ft.						[illegible]	[illegible]
600' Shaft Station Churn	cu ft			1,768.00	3570	.50	3570	1,785.00
300' Shaft Station Auger	cu ft			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stripping	ft.			[illegible]	[illegible]	[illegible]	[illegible]	1,200.00
Trenching								
Test Pits								
Roads and Trails								
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	1,000.00
Total Distributed Costs		[illegible]		[illegible]				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				800.00				800.00
Total Costs		[illegible]		[illegible]				[illegible]

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

Date Feb. 5, 1956 Operator Peter Antonelli

Per ..... Title .....

Remarks: [illegible] 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)

/s/ John A Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
FEB 17 1956

526 So. Washington St.
Butte, Montana
February 5, 1956

Defense Minerals Exploration Administration
1301 North Division Street
Spokane 1, Washington

Re: Pocket DMA 3-7
Contract 16m-1050
Operating Report for
January, 1956.

Dear Sirs:

During the month of January work in 608 Raise was temporarily postponed because of work in 608 stope; however, on January 20 a new contract crew began work and this raise should advance rapidly and connection with the 600 foot level should be completed during the latter part of March.

In the early part of January the drift crew began work in 607 D.W. and made an advance during January of 60 feet, 30 feet of which was of sufficient economics to allow for a double track to facilitate future hauling of mine cars both for the development of 607 D.W. and servicing 608 Raise.

During the latter part of January the main portion of the Cliff vein was encountered and followed, and although the vein varies from 2 foot to 4 feet in width it has been of substantiatory grade for selective mining. Thorough sampling will be carried out as 607 D.W. progresses and analysis will be included in future operating reports. Two different bodies were encountered adjacent to the Cliff vein in 607 D.W. and are indicated on the geological maps enclosed in this report.

The following work has been completed during the month of January according to specifications.

608 Raise----------8 foot advance

607 drift west----------6 feet advance

607 drift west----------63 feet drift timbered

Drifting, drift timbered, and raise advance completed to January 31, 1956.

608 to D.W. and 607 D.W.----------284 feet total advance

608 to D.W. and 607 D.W.----------217 feet timbered

608 Raise----------63 feet advance

During the month of January settlement was received for 165.65 dmt of Ag,Pb,Zn ore shipped to Bacorian Co., Salt Lake City which was production from the 400 and 450 stopes, this ore averaged 8.0 oz Ag, 0.02 oz Au, 5.9% Zn, 1.0% Pb.
Also during January 200.55 dmt of Ag,Pb,Zn ore was shipped and was production from the 600 foot level averaging 10.3 oz Ag, 0.015 oz Au, 15.0% Zn, and 3.0% Pb. In addition to this above production both manganese carbonate ore and Ag,Pb,Zn ore was shipped from the scratch all time during the latter part of the month from the 200 foot level stopes and those settlements will be reported when settlement has been received and the operating report for February is submitted.

Yours truly,

Peter Cantonicoli

PETER CANTONICOLI

P.C./Ba

Rec'd Butte 1/6/56 W

Form [illegible]104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED
JAN 20 1956

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

Month of December, 1955 Docket No. DMEA 3278 Contract No. Idm-F688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 534 So. Washington St., Butte, Montana

Contract Amount, $198,320.00 Government Participation: 62½% Amount, $80,000.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WGN): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Labor~~ 800' level ~~Contract~~:						
~~Drift~~ Shaft station		1,785.00	1,785.00		1785.00	1785.00
Install power lines		1,300.00	1,300.00		1300.00	1300.00
~~Drilling~~ Enlarge		8,658.00	8,658.00		8658.00	8658.00
~~Cutting~~ shaft		22,262.50	22,262.50		22262.50	22262.50
Drifting		1,573.00	1,573.00		1573.00	1573.00
Drift timbered						
(2) Labor and Supervision: 800'						
~~Labor~~ Shaft station		5,250.00	5,250.00		5250.00	5250.00
~~Supervision~~ Shaft sinking		23,347.36	23,347.36		23347.36	23347.36
~~Technical Services~~ Raise	1,053.00	1,326.00	2,379.00	1053.00	1326.00	2379.00
(3) Operating Mat'ls and Supplies:						
~~Timber~~						
~~Explosives~~						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,053.00	66,467.86	67,520.86	1053.00	66467.86	67520.86

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

Date Jan. 2, 1956 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 658 13

Signature MGP
(Authorized Certifying Officer)

Date 1-16-56 Vou. No. 1686

(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. E688 in accordance with the terms of the contract.

Signature /S/ John A. Bowsher Title Mining Engr. Date Jan 7-1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr. Date Jan 9-1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MM-104A
(April 1962)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
JAN 20 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1955 Docket No. DMEA 2272 Contract No. Idn-2689
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.			22,262.50	665	22.50	2,080	67,600.00
Crosscutting timbered	ft.			1,575.00	242	6.50	522	3,393.00
Raising	ft.	1,053.00	27	2,379.00	61	39.00	200	7,800.00
Shafts	ft.			22,347.60	173.2	134.60	205	27,604.00
Winze enlarge and timber	ft.			8,658.00	104	83.25	104	8,658.00
Drilling: Core	ft.						600	3,000.00
600' shaft station	cu.ft			1,785.00	2570	.50	3,570	1,785.00
800' shaft station	cu.ft			5,250.00	5250	1.00	5,250	5,250.00
Enlarge pipe lines	ft.			1,200.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			66.00	23	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		1,053.00		66,620.85				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		1,053.00		67,520.85				188,220.00

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

REMARKS: See attached report.

Date January 2, 1956 Operator Peter Antonioli

Per ..... 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.

(Instructions on reverse)

(For Government use only)

/s/ John A Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED

JAN 20 1956

524 So. Washington St.
Butte, Montana
January, 2, 1956

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 8, Washington

Re: Docket DMA 5570
Contract IDa-1610
Operating report for
December, 1955.

Dear Sirs:

During the month of December DMA contract work in the raise was carried on at a one shift per day, five day per week, rate. Advance in the raise was 27 feet for the month and the raise is now in the Silver Hill-Bonanza contact and after an advance of two more sets the raise will be reduced from an eight post raise to a six post raise. At the approximate elevation of 61 feet above the 800 foot level sill an intermediate level will be driven on the Hanging Wall Crotch All vein in a northwest direction along which the vein will closely parallel the Silver Hill-Bonanza contact.

On the fourth of January a contract crew will be employed to continue 607 Drift West as per DMA contract.

The following work has been completed during the month of December.

800 Raise ———————————— 27 feet advance

Drifting, drift timbered, and raise advance completed to December 31, 1955.

800 xc S.U. and 607 D. W. ——128 feet total advance

800 xc S.U. and 607 D. W.
timbered————————154 feet timbered

800 Raise ———————————— 61 feet advance

During the month of December settlement was received for 201.18 sdt of silver, lead, zinc ore shipped to Bunker Hill, Anaconda Co. which assayed 11.5 oz silver, 0.02 oz gold, 16.0% zinc, 0.29% lead, and was production from 804 and 805 stopes. Two carloads of silver, lead, zinc ore was shipped from the 800 foot level and averaged 5.0 oz silver, 0.13 oz gold, 14.2% zinc, 0.10% lead.

Yours truly

Peter Antonioli

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 16 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1955 Docket No. DMEA 327[illegible] Contract No. Idm-18[illegible]
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 324 So. Washington St., Butte, Montana
Contract Amount, $1[illegible],[illegible]0.00 Government Participation: 6[illegible]% Amount, $ 80,[illegible].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 800' level Contract Short Form						
Drift station		1,785.00	1,785.00		1785.00	1785.00
Installing Bulkhead lines		1,300.00	1,300.00		1300.00	1300.00
Crosscutting Enlarge shaft		8,658.00	8,658.00		8658.00	8658.00
Drifting		22,262.50	22,262.50		22262.50	22262.50
Drift timbered	182.00	1,391.00	1,573.00	182.00	1391.00	1573.00
(2) Labor and Supervision: 800'						
Labor Drift station		5,250.00	5,250.00		5250.00	5250.00
Supervision Sinking		22,347.36	22,347.36		22347.36	22347.36
Technical Services Raise	546.00	780.00	1,326.00	546.00	780.00	1326.00
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	728.00	65,739.86	66,467.86	728.00	65739.86	66467.86

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

Date Dec 7, 1955 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 455 00

Signature [illegible]
(Authorized Certifying Officer)

Date 12-12-55 Vou. No. 1663
(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. E688 in accordance with the terms of the contract.

Signature /S/ John A. Bowsher Title Mining Engr Date 12-8-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 16 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 195 5 Docket No. DMEA 2278 Contract No. ICm-1633

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.			22,962.50	805	28.50	2,000	67,600.00
Crosscutting timbered	ft.	162.00	23	1,572.00	242	6.50	522	3,392.00
Raising	ft.	546.00	14	1,326.00	34	39.00	200	7,800.00
Shafts enlarge and	ft.			22,847.36	172.2	124.50	205	27,684.00
Winzes timber	ft.			6,885.00	104	66.25	104	6,600.00
Drilling: Core	ft.						600	8,000.00
6001 shaft stations	cu. ft.			1,725.00	2570	.60	2,570	1,725.00
3001 shaft stations	cu. ft.			5,250.00	5250	1.00	5,250	5,250.00
Enlarge pipe lines Other	ft.			1,200.00	500	2.60	500	1,300.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			66.00	33	2.00	500	1,000.00
Total Distributed Costs		728.00		65,567.86				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
Total Costs		728.00		66,467.86				120,220.00

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

Date December 7, 1955 Operator Peter Antonioli

Per _____ Title _____

Remarks: Work progressed on a one shift per day basis; New raise crew started contract Nov. 15, 1955. Raise progressing slowly because of bad ground. Main shaft hoist shut down for repairs Nov. 20,20.

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

(Instructions on reverse)

(For Government use only)

151. John A. Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
DEC 16 1955

[illegible] Co., [illegible]
[illegible], [illegible]
December 7, 1955

Pelican Mineral Exploration Syndicate Ltd
[illegible] Fraser Division Street
Spokane 2, Washington

Re: Project [illegible]
Contract [illegible]
Operating Report for
November, 1955.

Dear Sirs:

During the month of November two drift cuts were lost because of a shutdown to repair the shaft hoist. Work progressed for the remainder of the month on a one shift per day, five day per week basis.

A fourth raise contract crew began work on the 16th of November and since this time this part of the contract has progressed very slowly. The silver lead formation, through which the first 6-7 feet of the raise will be in, has been very sticky and difficult.

The following work has been completed during the month of November.

6W Drift cut	20 feet advance
6W Raise	16 feet advance

Drifting, stoping, and raise advance completed to November 29, 1955.

6W to S.E. and 6W D. S.	330 feet total advance
" " " Underhand	154 feet advance
6W Raise	50 feet advance

During the month of November contract and Pelican ex-Chief Cut of silver, lead, zinc ore and, of the Bunker Hill, Hecla Mining Company cable shipped [illegible] on N., [illegible] on N., [illegible] on N., [illegible] the Bunker Hill Smelter [illegible] 2,[illegible] dollars to a total.

Yours truly,

Peter Lantonioli
Peter Lantonioli

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
NOV 28 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1955 Docket No. DMEA 3278 Contract No. Idm-2668
Operator's Name Peter Antonioli Mineral Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana
Contract Amount, $128,320.00 Government Participation 62½ % Amount, $80,200.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Development 800' level						
Contracts:						
Drilling shaft station		1,785.00	1,785.00		1785.00	1785.00
Blasting Install pipe lines		1,300.00	1,300.00		1300.00	1300.00
Mucking Enlarge shaft		8,658.00	8,658.00		8658.00	8658.00
Drifting		22,262.50	22,262.50		22262.50	22262.50
Drift timbered		1,391.00	1,391.00		1391.00	1391.00
(2) Labor and Supervision 800'						
Shaft station		5,250.00	5,250.00		5250.00	5250.00
Shaft sinking		23,347.36	23,347.36		23347.36	23347.36
Raise	546.00	234.00	780.00	546.00	234.00	780.00
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	546.00	65,193.86	65,739.86	546.00	65193.86	65739.86

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

Date Nov. 3, 1955 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 341 25

Signature MJP
(Authorized Certifying Officer)

Date 11-23-55 Vou. No. 1650
(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. 688 in accordance with the terms of the contract.

Signature 151 John A Bowsher Title Mining Eng Date 11-17-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 151 Stephen H Zoldok Title Mining Eng Date 11-17-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
NOV 28 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1955 Docket No. DMEA 8278 Contract No. Idm-F699
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.			22,262.50	685	32.50	2,000	67,600.00
Crosscutting timbered	ft.			1,331.00	214	6.50	522	3,393.00
Raising	ft.	546.00	14	780.00	20	39.00	200	7,800.00
Shafts	ft.			23,247.36	172.2	134.80	205	27,634.00
Winzes enlarge and timber	ft.			8,688.00	104	83.25	104	8,658.00
Drilling: Core	ft.						600	3,000.00
600' shaft station Drilling	cu. ft.			1,785.00	3570	.50	3570	1,785.00
800' shaft station Excavating	cu. ft.			5,250.00	5250	1.00	5250	5,250.00
Enlarge pipe lines Timbering	ft.			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			66.00	33	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		546.00		64,839.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		546.00		65,739.86				126,330.00

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

Date Nov. 2, 1955 Operator Peter Antonioli

Per _____ Title _____

REMARKS: Work progressed on DMEA contract only part time; new raise crew on contract will start Nov. 1st and greater rate of progress on contract work will be obtained during Nov. and the following months.

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

(Instructions on reverse)

(For Government use only)

151 John a Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
NOV 28 1955

[illegible] Co. Washington St.
Butte, Montana
November 8, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket [illegible] 3.70
Contract [illegible]
Operating report for
October, 1955

Dear Sirs:

During the month of October work pertaining to the [illegible] contract progressed only part time; however, a new contract crew has been employed for the raise work and more rapid progress will be obtained during the following months.

The amount of work claimed this month is for an advance of 14 feet in 608 Raise.

Production during October from 404 stope and partly 400 stope consisted of 126.48 short dry tons of Ag,Pb,Zn oxide ore shipped to Anaconda Copper Co. having an analysis as follows: 16.2 ounces Ag., 0.02 ounces Au., 20.7 percent Zn., 3.24 percent Pb. Also shipped from these stopes was an estimated 150 short dry tons of Manganese carbonate ore, which settlement has not yet been received.

In addition to the above production, 001.218 short dry tons of Ag,Pb,Zn ore was shipped to Anaconda Co. or to from the 600 foot level.

Very truly yours,

Peter Cantonielli
Peter Cantonielli
Operator

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

Budget Bureau No. 42-R1036.5

RECEIVED
OCT 17 1955

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

Month of September, 1955 Docket No. DMEA 3278 Contract No. Idm-1688
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana
Contract Amount, $ 128,320.00 Government Participation: 62½% Amount, $ 80,200.00

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 Contractor: 800' level						
Short form						
Drilling					1785.00	1785.00
Shaft station		1,785.00	1,785.00		1300.00	1300.00
Installing pipe lines		1,300.00	1,300.00		8658.00	8658.00
Crosscutting, enlarge shaft		8,658.00	8,658.00	390.00	21872.50	22262.50
	390.00	21,872.50	22,262.50	130.00	1261.00	1391.00
Drift timbered	130.00	1,261.00	1,391.00			
(2) Labor and Supervision:						
Supervision					5250.00	5250.00
Shaft sinking		22,347.36	22,347.36		23347.36	23347.36
800' shaft station		5,250.00	5,250.00	234.00	— o —	234.00
Technical services						
Raise	234.00	none	234.00			
(3) Operating Materials and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		66.00	66.00		66.00	66.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	754.00	64,439.86	65,193.86	754.00	64439.86	65193.86

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

Date Oct. 8, 1955 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 471.25

Signature MZP
(Authorized Certifying Officer)

Date 10-12-55 Vou. No. 1620

(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. E6688 in accordance with the terms of the contract.

Signature /S/ Eldon C Pottee Title Mining Engr Date 10-7-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 10-10-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
OCT 17 1955

Month of September 1955 Docket No. DMEA3278 Contract No. Idm-5688
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc.
Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	390.00	12	22,262.50	685	32.50	2,080	67,600.00
Crosscutting timbered	ft.	130.00	20	1,391.00	214	6.50	522	3,393.00
Raising	ft.	234.00	6	234.00	6	39.00	200	7,800.00
Shafts	ft.			23,347.36	172.2	134.80	205	27,634.00
enlarge and timber	ft.			8,658.00	104	83.25	104	8,658.00
Drilling: Core	ft.						600	3,000.00
600' shaft station	cu.ft.			1,785.00	3570	.50	3,570	1,785.00
800' shaft station	cu.ft.			5,250.00	5250	1.00	5,250	5,250.00
Enlarge pipe lines	ft.			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			66.00	33	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		754.00		64,293.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		754.00		65,193.86				128,820.00

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

Date Oct. 3, 1955 Operator Peter Antonioli

Per ..... 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.

(Instructions on reverse)

REMARKS: Work in the mine and on the DMEA contract was suspended Sept. 12, 13, 14, 15, and half shift 16th in order that the first 15feet of the shaft could be re-timbered. Headframe was strengthened by cutting off portion of main angle leg and mounting the leg on a cement pillar.

(For Government use only)

/s/ Eldon C. Pattee

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
OCT 17 1955

584 So. Washington St.
Butte, Montana
October 3, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 8, Washington

Re: Project DMEA 2078
Contract Ion-1633
Operating report for
September 1955.

Dear Sirs:

During the month of September DMEA contract work was delayed by the shutdown of the mine and hoisting facilities to allow time for the necessary repairs on the collar of the Scratch Ali Mine shaft and also the repairs on the headframe.

The collar of the shaft for the first fifteen down had dry-rotted and squeezed in so that it became dangerous in hoisting, also the main posts for the guides above the collar required replacing. In addition to this work it was necessary to cut off the first three feet of the main west side angle brace of the headframe and set this leg on a cement pillar. Thirty four man-shifts were required to complete the necessary work on the shaft and headframe and the work which was started September 13, was completed on September 16th.

There has also been a delay in the contract work due to labor layoff and sickness; however, additional men have been employed and work will progress as per DMEA contract.

The following work has been completed during the month of Sept.

607 Drift West----------advance 11 feet.

607 " " ----------20 feet timbered.

608 Raise ----------8 feet advance.

As soon as the 607 drift west is advanced a couple of more sets work will progress on 608 raise. All work completed during Sept. meets the required specifications as per DMEA contract.

The mineralization and ore showing both in 605 raise and stope and 606 raise and stope have improved over last month, but it is not possible as yet to predict or estimate possible ore tonnages that will be developed and mined from these areas.

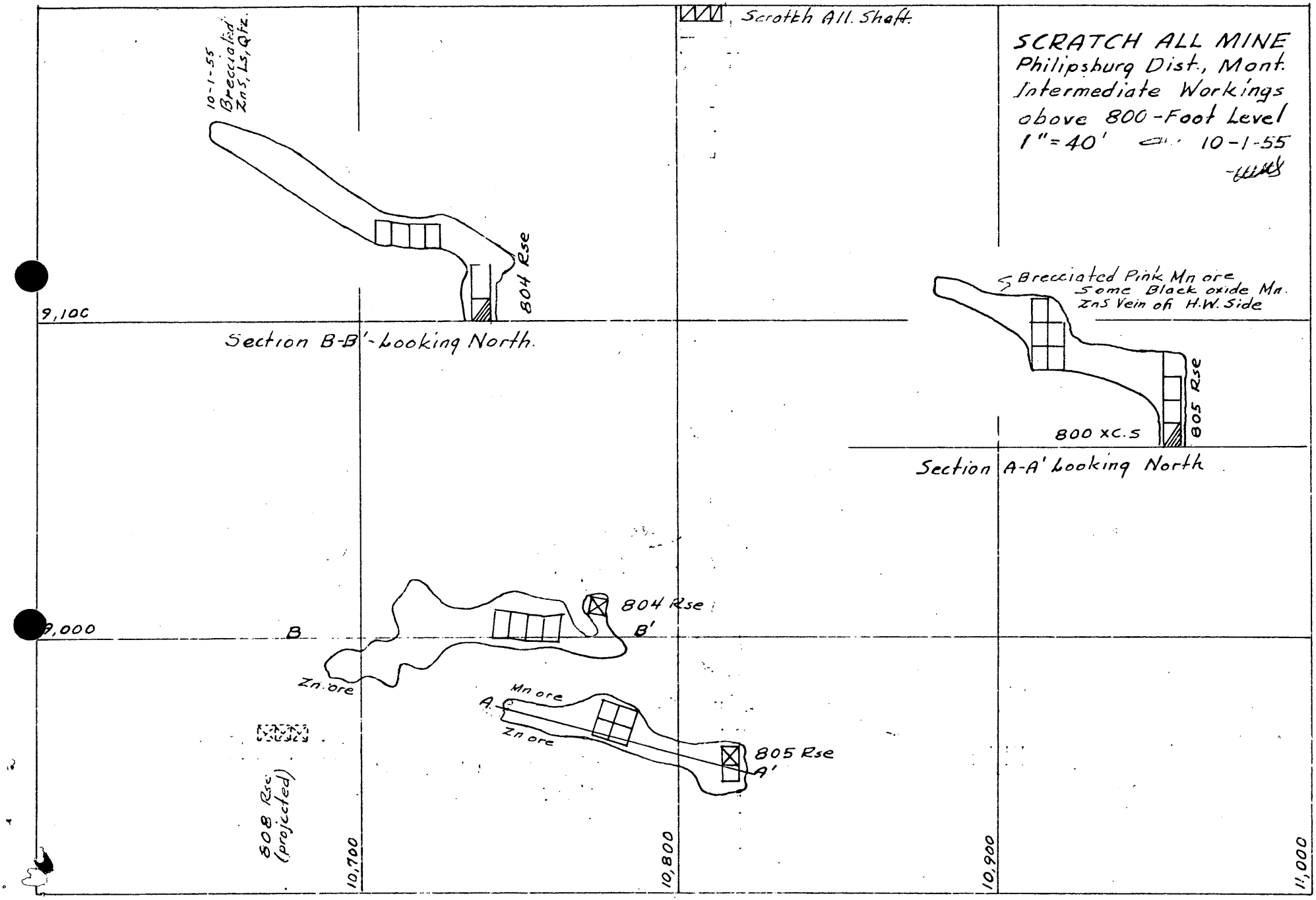
During the latter part of August and early September settlements have been received from ore mined from 400 foot, and st. of 200.757 cut of manganese carbonate ore averaging 14.6 percent Mn. and shipped to Taylor-Knapp Co. mill in Philipsburg, Montana which is being reported in September for royalty payment to the MMA. Also during September 128.271 cut of Ag,Pb,Zn was mined from 600 foot, and st. and contained 11.0 oz. Ag, 0.018 oz. Au, 0.6% Zn, 0.97% Pb, and had a gross settlement value of $3057.00.

Production from the upper levels of the mine was reported for royalty payment during the month of September consisted of 105.2057 LTT of manganese calcite ore averaging 21.3 percent Mn. and 375.431 cut of Ag, Pb, Zn ore averaging 10.655 Ag, 0.018 oz Au, 16.3% Zn, and 0.15% Pb.

Yours truly,

Peter Antonioli

Peter Antonioli


SCRATCH ALL MINE
Philipsburg Dist., Mont.
Intermediate Workings
above 800-Foot Level
1" = 40'
10-1-55
Scratch All. Shaft
10-1-55
Brecciated
ZnS, Ls, Qtz.
804 Rse
9,100
Section B-B' - Looking North.
Brecciated Pink Mn ore
Some Black oxide Mn.
ZnS Vein on H.W. Side
805 Rse
800 xc.s
Section A-A' Looking North
804 Rse
B
B'
9,000
Zn. ore
Mn ore
A
Zn ore
805 Rse
A'
808 Rse
(projected)
10,700
10,800
10,900
11,000

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP 19 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 5 1955 Docket No. DMEA 3878 Contract No. IGn-16 8
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 124 So. Washington St., Butte, Montana
Contract Amount, $ 128,650.00 Government Participation: 62½% Amount, $ 80,100.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
600' level						
(1) Independent Contractors:						
Short Form: Shaft station		1,785.00	1,785.00			
Drilling: Pipe lines		1,300.00	1,300.00			
Bulldozing: Inclines		8,658.00	8,658.00			
Crosscutting: Drift	780.00	21,092.50	21,872.50			
Drifting timbered	1014.00	247.00	1,261.00			
(2) Labor and Supervision:						
Labor: Shaft linking		28,847.36	28,847.36			
Supervision: 600' Shaft Station		5,250.00	5,250.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	46.00	20.00	66.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1840.00	62,599.86	64,439.86	1840.00	62599.86	64439.86

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Sept 8, 1955 Payee Peter Antonioli
Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 1150 00

Signature Myrtle I Purdy (Authorized Certifying Officer)
Date 9-13-55 Vou. No. 1598
(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. 6688 in accordance with the terms of the contract.

Signature /S/ Elton C. Pattee Title Mining Eng. Date 9-6-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E. Howard Title Mining Engr. Date 9-9-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP 19 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1955 Docket No. DMEA 2274 Contract No. Idn-2689
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	730.00	24	21,678.50	673	32.50	2,000	67,600.00
Crosscutting (timbered)	ft.	1014.00	156	1,281.00	194	6.50	500	3,500.00
Raising	ft.						200	7,800.00
Shafts	ft.			23,347.36	173.2	134.60	205	27,634.00
Winzes enlarge and timber	ft.			8,658.00	104	83.25	104	8,654.00
Drilling: Core	ft.						600	3,000.00
600' sho[illegible] Exploration	cu. ft.			1,735.00	2570	.50	2,570	1,735.00
800' " "	"			5,250.00	5250	1.00	5,250	5,250.00
Enlarge pipe lines	ft.			1,200.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.	46.00	23	66.00	33	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		1840.00		65,529.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		1840.00		64,429.86				120,310.00

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

Date September 6, 1955 Operator Peter Antonioli

Per ..... Title .....

REMARKS: Drifting in Silver Hill and preparations for raise to the 600' level started in August and proceeding on a one shift per day basis.

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

(Instructions on reverse)

(For Government use only)

/s/ Eldon C. Pattee

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
SEP 1 0 1955

524 So. Washington St.
Butte, Montana
September 5, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket DMEA 8370
Contract 10m-5638
Operating report for
August, 1955.

Dear Sirs:

During the month of August drifting was temporarily held up so that most of 607 D.W. could be timbered. The work claimed for payment for August is 34 feet of drifting in the Silver Hill formation, Cliff vein, which makes a total advance to date of 174 feet in 606 xc S.E. and 607 D.W. The Cliff vein in the breast of 607 D.W. is approximately 18 inches in width and carries considerable (ZnS) sphalerite. Also work claimed for consists of 16 feet of timbering in 603 D.E., 16 feet of timbering in 600 xc S. which brings the total timbering to date in the 650 xc S. to 84 timbered, 106 feet of timbering in 606 xc S.E. and 607 D.W., 16 feet of timbering in 601 D.W.

Production during August from the 650 foot level consisted of both Ag-Zn-Pb sulfide ore and low-grade manganese carbonate ore. Approximately 300 sdt of manganese carbonate ore was shipped during the latter part of August from 605 raise and stope; however, no settlement has been received for this ore. This low-grade manganese carbonate ore has been mined from an irregular replacement body in the lower Hasmark formation and was shipped to Taylor-Knapp Co., Philipsburg.

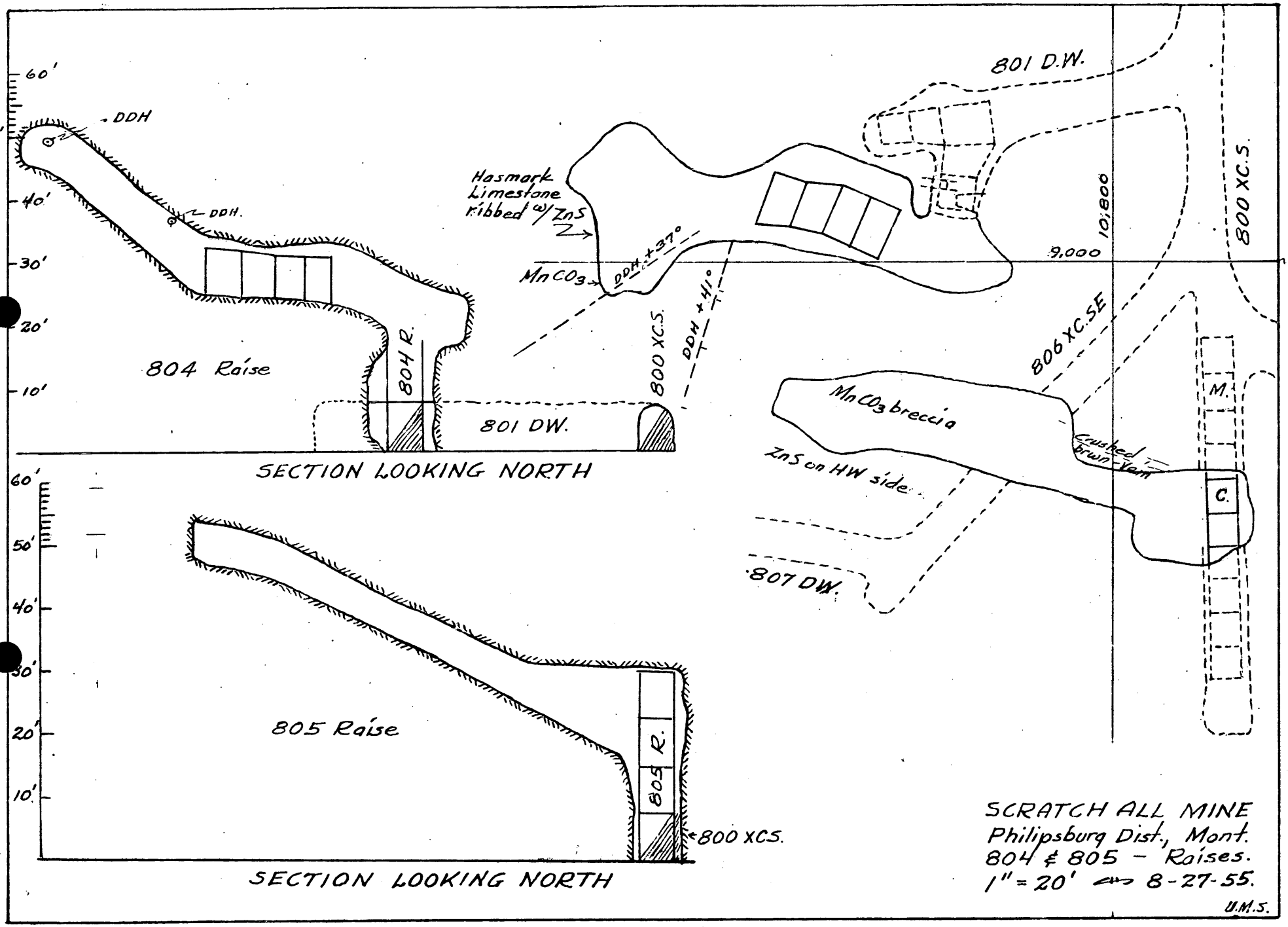
All settlements from production during August are from the upper levels of the Scratch All Mine and consist of 138.18 sdt of AG-Zn-Pb ore shipped to A.C.M., Anaconda Smelter, Butte, Montana and 159.6193 LDT of manganese oxide ore shipped to G.S.A., Butte depot.

Sometime during September it will be necessary to suspend mining and exploration operations in order to retimber the first three or four sets of the Scratch All shaft and replace the guides and guide posts on surface. This repair work will progress on a three shift per day basis and should require about four days. As soon as this work is completed exploration under this contract will resume.

Yours truly,

Peter Antonioli

Peter Antonioli


60'
50'
40'
30'
20'
10'
DDH
DDH.
804 Raise
804 R.
801 DW.
800 XC.S.
SECTION LOOKING NORTH
Hasmark Limestone ribbed w/ ZnS
MnCO3
DDH +37°
DDH +41°
801 D.W.
9,000
10,800
800 XC.S.
806 XC.SE
MnCO3 breccia
ZnS on HW side
Crushed brwn Vein
M.
C.
807 DW.
805 Raise
805 R.
800 XCS.
SECTION LOOKING NORTH
SCRATCH ALL MINE
Philipsburg Dist., Mont.
804 & 805 - Raises.
1" = 20' 8-27-55.
U.M.S.

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

Budget Bureau No. 42-R1036.5

RECEIVED
AUG 26 1955

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

Month of July 1955 Docket No. DMEA 3278 Contract No. Idm-R688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

Contract Amount, $ 128,320.00 Government Participation: 62½ % Amount, $ 80,200.00

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 Contractors~~ 600' level:						
~~Short Form~~ Shaft station		1,785.00	1,785.00			
~~Mining~~ Install pipe lines		1,300.00	1,300.00			
~~Bulldozing~~ Dump large		8,658.00	8,658.00			
~~Crosscutting~~ shaft	2437.50	18,655.00	21,092.50			
~~Drifting~~ Drift timbered		247.00	247.00			
(2) ~~Labor & Supervision~~:						
~~Cabin~~ Shaft sinking		23,347.36	23,347.36			
~~Supervision~~ 800' level shaft station		5,250.00	5,250.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		20.00	20.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2437.50	60,162.36	62,599.86			

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

Date Aug 8, 1955 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 1523 44

Signature MEP
(Authorized Certifying Officer)

Date 8-19-55 Vou. No. 1585
(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. E688 in accordance with the terms of the contract.

Signature /S/ John A Bowsher Title Mining Engr Date 8-10-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Eng Date 8-12-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
AUG 26 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1955 Docket No. DMEA 3278 Contract No. Idm-R688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting (timbered)	ft	2437.50	75	21,092.50	649	32.50	2,060	67,000.00
Crosscutting	ft.			847.00	38	6.50	522	3,393.00
Raising	ft.						200	7,800.00
Shafts	ft.			28,347.36	173.2	164.80	205	27,634.00
Winzes	ft.			8,658.00	104	83.25	104	8,658.00
Drilling: Core	ft.						600	3,000.00
Churn	" "			1,785.00	3570	.50	3,570	1,785.00
Auger	ft.			5,250.00	5250	1.00	5,250	5,250.00
Stripping				1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			20.00	10	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		2437.50		61,692.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		2437.50		62,592.86				125,320.00

600' shaft station cu. ft.
800' shaft station " "
Enlarge pipe lines ft.

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 Drifting in Silver Hill on Cliff vein continued during July on a one shift per day basis.

Date Aug 3, 1955 Operator Peter Antonioli

Per 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.

(Instructions on reverse)

(For Government use only)

/s/ John A Bowsher

INSTRUCTIONS

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

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

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

GPO 872894

[illegible] So. Washington St.
Butte, Montana
August 8, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

RECEIVED
AUG 26 1955

Re: Report DMA 0178
Contract IL-1615
Operating report for
July, 1955.

Dear Sirs:

During the month of July drifting of the Cliff vein east in the Silver Hill formation was continued, the fissure varied from a mere streak up to 10 inches of structure carrying a small amount of MnO_2, $MnCO_3$. Slipping and faulting along the bedding planes in the Silver Hill formation was evident in many places and at the end of the development for July a cross-fault was encountered, refer to enclosed maps.

On the 4th of August Mr. James Quinlan, D.M.E.A. Geologist visited and examined the Scratch Ali Mine and a proposed diamond drill hole was agreed upon to test the F.C. Scratch Ali vein and mineralized bedded area west of 600 ft. South.

During the latter part of July diamond drilling was begun at the expense of the operator to establish the location of the Cliff vein and to prospect the walls of the ore zone encountered in 604 raise and stope in the lower section of the Beaverhead formation. The diamond drilling is continuing and should be informative in establishing possible location of the irregular replacement ore bodies along the Cliff and Scratch Ali veins.

During July 170.15 cds of Ag,Au,Pb ore was shipped to A.C.S., Salt Lake Smelter, Butte, Montana and this ore averaged 10.1 oz. Ag, 0.01 oz Au, 25 % and 0.49% Pb. After the new raise from the 600 foot level to the 800 foot level is located work under the contract will progress at a faster rate.

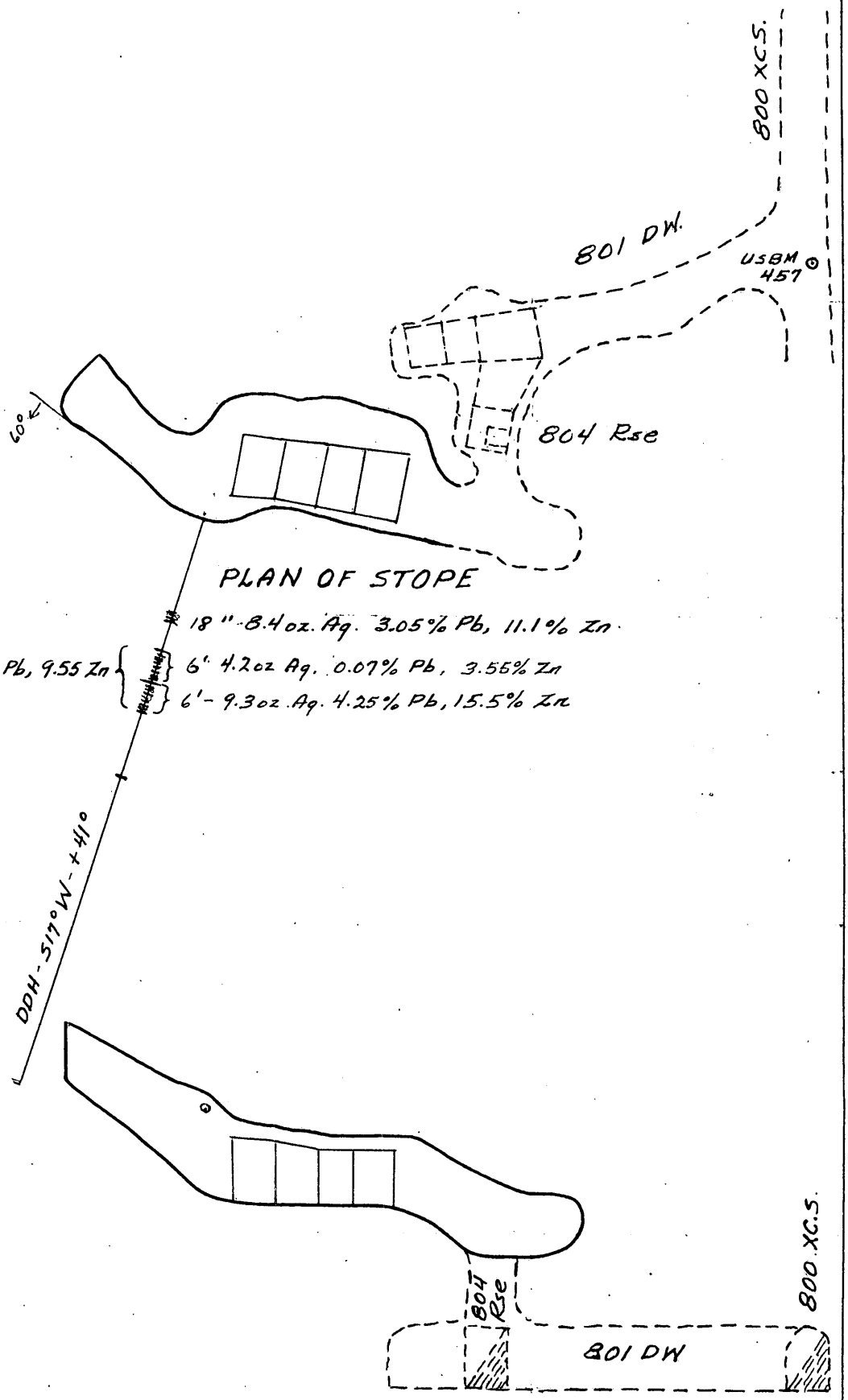
Total production from the Scratch Ali Mine during July subject to D.M.E.A. royalty payments had a gross value of $14,701.22.

Yours truly,

Peter Antonioli

Peter Antonioli

SCRATCH ALL MINE
Philipsburg Dist. Mont.
804 - Stope
Scale: 1 inch = 20 feet.



SECTION LOOKING NORTH

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

W

Budget Bureau No. 42-R1036.5

RECEIVED
JUL 13 1955

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

Month of June 1955 Docket No. DMEA 3278 Contract No. Idm-R688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

Contract Amount, $ 128,320.00 Government Participation: 62½% Amount, $ 80,200.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent Contractor Short Form~~ 600' level						
~~xxxxxx~~ shaft station		1,785.00	1,785.00			
Install pipe lines		1,300.00	1,300.00			
~~Bulldozing~~ Enlarge shaft		8,658.00	8,658.00			
Drifting	2437.50	16,217.50	18,655.00			
Drift timbered		247.00	247.00			
(2) ~~Labor xxxxxxxxxxxx~~						
~~xxx~~ shaft sinking		23,347.36	23,347.36			
800' level ~~Supervision~~ station		5,250.00	5,250.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		20.00	20.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2437.50	57,724.86	60,162.36	2437.50	57724.86	60162.36

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

Date July 3, 1955 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 1523 44

Signature MOP
(Authorized Certifying Officer)

Date 7-13-55 Vou. No. 1555

(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 688 in accordance with the terms of the contract.

Signature /s/ Eldon C Pattee Title Mining Eng Date 7-8-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W Zoldok Title Mining Eng Date 7-11-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
JUL 18 1955

Month of June 1955 Docket No. DMEA 3278 Contract No. Idm-2688
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	2437.50	75	18,655.00	574	32.50	2,080	67,600.00
Crosscutting (timbering)	ft.			247.00	38	6.50	522	3,393.00
Raising	ft.						200	7,800.00
Shafts	ft.			22,847.36	173.2	134.30	205	27,634.00
~~Winzes~~ " enlarge and timber	ft.			8,658.00	104	83.25	104	8,658.00
Drilling: Core	ft.						600	3,000.00
600' shaft station	cu.ft			1,785.00	3570	.50	3,570	1,785.00
800' shaft station	cu.ft			5,250.00	5250	1.00	5,250	5,250.00
~~Stringers~~ enlarge pipe lines	ft.			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			20.00	10	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		2437.50		59,262.36				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		2437.50		60,162.36				128,520.00

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

Date July 3, 1955 Operator Peter Antonioli

Per ..... Title .....

REMARKS: Crosscutting and drifting in Silver Hill on Cliff vein continued during latter part of June and will proceed on a one shift per day basis.

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

(Instructions on reverse)

(For Government use only)

/s/ Eldon C Potter

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
JUL 13 1955

July 7, 1955

Defense Minerals Exploration Administration
1101 North Fairfax Street
Spokane 2, Washington

Re: Docket DMA 1170
Contract DMA-1060
Operating Report for
June, 1955.

Dear Sirs:

CONTRACT DMA-1060 DOCKET 1170

During the early part of June Mr. Jim Cullen, DMEA geologist, visited the property and it was agreed because of the bad ground in the 100 crosscut south in the Silver Hill formation near the drift vein it would be desirable to start a crosscut approximately 3 ft. to west the Hecla--Silver Hill contact and on which would be part of the work assigned to drift vein Silver Hill formation. Due to the location of 005 raise, the new crosscut and drift was started so that a pillar could be left between this raise and the new drift (006 raise).

In the new crosscut near the Hecla--Silver Hill contact an irregular body of Zn,Pb,Ag sulfide ore was encountered, then at 40 feet a fissure 12 inches in width and contained grade of 25 percent zinc was intersected. At approximately 77 feet another vein 4 to 6 inches which is the drift vein was encountered, the drift will follow this vein to the west in the Silver Hill formation. The new crosscut and drift is in good ground and as yet no timbering has been required.

Work has continued in both 004 and 005 raises with a production during June of 206.917 cwt of Zn,Pb,Ag sulfide ore which was shipped to A.C.M., Leadville Smelter, Butte, Montana, and which averaged 10.7 oz Ag, 9.015 oz Au, 8.02 Pb, 10.17 Zn. (See A.C.M. Leadville Smelter Lot No. 5168, 5169, 5170, and 5255 production report to DMEA for June, 1955). Approximately 60 percent of this production was from 004 raise and the remaining 40 percent from 005 raise and the irregular ore body encountered in the new cr. Development and mining will continue from both 004 and 005 raises during July. The mineralization in these two raises is very irregular and the quantity of ore that may be encountered in this development is impossible to estimate.

Work planned under this contract for June consists of 70 feet of drifting and crosscutting in 004 cr.

[illegible] STATUS

Development and drain, has continued on the upper levels of the mine with a production of six carloads of [illegible] ore shipped to A.C.M., Anaconda Copper, and 8 carloads of [illegible] ore to G.S.A., Butte Coast, and 1 lot of [illegible] carbonate ore shipped to Taylor [illegible] Co., Philipsburg, Mont.

Yours truly,

Peter Antonioli

Peter Antonioli

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 24 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1955 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Peter Antonioli Minerals Manganese,
Address [illegible] Butte, Montana [illegible]
Contract Amount, $[illegible] Government Participation [illegible] % Amount, $[illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contractors: Short Form:						
Drilling		1,765.00	1,765.00			
Bulldozing		1,800.00	1,800.00			
Crosscutting		8,000.00	8,000.00			
Drifting	840.00	10,035.00	10,117.00			
Drift timbered		167.00	167.00			
(2) Labor and Supervision:						
Labor		28,847.00	28,847.00			
Supervision		5,100.00	5,100.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		000.00	000.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		20.00	20.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	840.00	56,312.00	57,724.00	3412.50	54312.36	57724.86

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

Date June 1, 1955 Payee Peter Antonioli

Per Peter Antonioli Title Owner

*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:

$2132 81

Signature M 2P
(Authorized Certifying Officer)

Date 6-20-55 Vou. No. 1527
(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 688 in accordance with the terms of the contract.

Signature (S) Gideon A Apell Title Mining Engr Date 6-10-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W Zoldak Title Mining Engr Date 6-16-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
JUN 24 1955

Month of May 1955 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Peter Antonioli Minerals [illegible],
Address [illegible] Washington St., Butte, Montana [illegible]

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.	3,415.00	105	16,917.50	499	33.90	2,000	67,000.00
Crosscutting (timbering)	ft.			127.00	38	3.50	800	3,000.00
Raising	ft.						500	7,000.00
Shafts	ft.			33,207.00	172.8	192.20	600	67,634.00
Winzes	ft.			3,653.00	104	35.26	100	3,650.00
Drilling: Core	ft.						600	3,000.00
600' of Chippy station	cu.ft			1,765.00	2870.	.60	2,870	1,765.00
600' of Auger station	" "			5,100.00	5250.	1.00	5,250	5,100.00
Stripping	ft.			1,600.00	800	2.00	800	1,600.00
Trenching								
Test Pits								
Roads and Trails								
[illegible]	[illegible]			[illegible]	10	[illegible]	[illegible]	[illegible]
Total Distributed Costs		3,415.00		60,[illegible]				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				[illegible]				[illegible]
Total Costs		3,415.50		[illegible]				150,[illegible]

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

Date June 6, 1955 Operator Peter Antonioli

Per _____ Title _____

Remarks: Drifting continued on the ORIX vein 100' of [illegible] formation on per [illegible] on [illegible] May 10, 1955 to [illegible] on a [illegible] ORIX per day basis. Work during June will progress on opening ORIX vein in the [illegible] formation.

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

(Instructions on reverse)

(For Government use only)

151 G. A. [illegible]

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED

JUN 24 1955

524 So. Washington St.
Butte, Montana
June 3, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket DMEA 3278
Contract Idm-E688
Operating report for
May, 1955.

Dear Sirs:

CONTRACT WORK--800 FOOT LEVEL

During the month of May limited work under the contract was carried out along the Cliff vein in the lower section of the Hasmark formation. On the 10th of May work was reduced from a two shift per day basis to a one shift per day basis, this rate will be continued until some drifting has been completed along the Cliff vein in the Silver Hill formation to aid in the establishment of the location of the raise from the 800 foot level to the 600 foot level.

During May at the operator's expense a short raise was made at the Silver Hill-Hasmark contact in 800 crosscut south and a short intermediate from this raise was driven south to expose the Cliff vein in the Hasmark formation above the 800 crosscut south; this short intermediate cut two bands of ore, the first is 4½ feet in width and the second 3 feet in width. The ore bands of Zn,Pb,Ag sulfide are narrow in the back and do not seem to be as well mineralized as the vein nearer the contact zone. This raise referred to is marked as 805 raise on the current geological map (Maps under separate cover).

The ore in 804 raise reported last month is very irregular and work is continuing on this portion of the F. W. Scratch All vein. During May two carloads of Zn,Pb,Ag sulfide ore was mined from this area and shipped to the Anaconda Copper Mining Co. and averaged 18.4 oz. Ag, 0.01 Au, 9.2% Zn, and 3.38% Pb, (Washoe sampler lots # 4780 and 4719.)

Work completed as crosscutting and drifting on the 800 foot level as per contract consists of 800 crosscut south--219 feet excluding 51 foot station, 801 drift west--50 feet, 802 drift east--165 feet, for a total of 434 feet of crosscut and drift completed on the 800 foot level as per contract specifications. This drift work has all met the following requirements, drift section in excess of 5 feet x 7 feet in the clear, rail - 25 lb. weight, 2 inch airline and 3/4 inch water line.

WORK OTHER THAN CONTRACT

Work has continued on the upper levels of the mine and production applicable to royalty payments to DMEA under this contract consisted of manganese oxide lots no. 74, 75, 76, 77 and having a total preliminary payment of $7,505.46 .

Yours truly,

Peter Antonioli

Peter Antonioli

PA/fa

Docket No Omea 3278

Adm E 688

Mf 104 - Rev.

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

W

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1955. Docket No. DMEA 3278 Contract No. Idm-5688
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana
Contract Amount, $ 138,320.00 Government Participation: 62½% Amount, $ 30,800.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Installation ~~Showing~~ 600' level Contract						
Drilling shaft station		1,785.00	1,785.00			
Installing pipe lines		1,300.00	1,300.00			
Crosscutting shaft enlarge		8,658.00	8,658.00			
Drifting	5,900.	7,605.00	12,505.00			
Drift timbered	247.	None	247.00			
(2) Labor and Supervision:						
Labor shaft sinking		23,347.36	23,347.36			
Supervision 600' level shaft station		5,250.00	5,250.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	8.	12.00	20.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5,455.	48,857.36	54,312.36	5455.00	48,857.36	54,312.36

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

Date April 30, 1955 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 3409 38

Signature MJP
(Authorized Certifying Officer)

Date 5-6-55 Vou. No. 1499
(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. E6 88 in accordance with the terms of the contract.

Signature /S/ John D Barkell Title Metallurgist Date 5-2-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 5-2-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1955 Docket No. DMEA 8278 Contract No. Idm-1688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	6,200.	180	12,555.00	394	32.50	2,080	67,600.00
Crosscutting (timbering)	ft.	247.	88	247.00	38	6.50	522	3,393.00
Raising	"						200	7,000.00
Shafts	"			23,347.36	173.2	134.80	205	27,634.00
~~Extra~~ Enlarge and timber	"			6,658.00	104	63.25	104	6,556.00
Drilling, Core	"					5.00	600	3,000.00
6001 shaft station	cu.ft.			1,785.00	2570	.50	3,570	1,785.00
6001 shaft station	" "			5,250.00	5250	1.00	5,250	5,250.00
~~Sinking~~ Enlarge pipe lines	ft.			1,300.00	500	2.60	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.	8.	4	20.00	10	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		5,455.		53,412.36				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		5,455.		54,312.36				126,320.00

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

Date April 30, 1955 Operator Peter Antonioli

Per ..... 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.

REMARKS: Drifting being carried on both along the F.W. Scratch All Vein and Cliff vein in the lower section of the Hasmark formation. During April 1 carload lot of oxide manganese ore and 2 cars of Zn,Pb,Ag ore shipped from exploration drifting.

(Instructions on reverse)

(For Government use only)

1st John D Burdill

INSTRUCTIONS

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

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

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

GPO 87 2894

324 So. Washington St.
Butte, Montana
April 30, 1955

Defense Minerals Exploration Administration
1501 North Division Street
Spokane 2, Washington

Re: Docket DMA 3978
Contract Idm-E603
Operating report for
April, 1955.

Dear Sirs:

CONTRACT WORK---800 FOOT LEVEL

During the month of April drifting was carried out both along what has been indicated to be portion of the F. W. Scratch All Vein and the Cliff Vein. As can be seen from the geological mapping of the exploration work on the 800 foot level, (Maps under separate cover) considerable mineralization is shown in that area where the Knot Hull Scratch All vein projects and because of this it was decided that drifting should be carried out in the most mineralized portion of the structure for the apparent production that would be realized from this exploration.

The first work carried out was the 801 drift west from which 1 carload manganese oxide ore (Lot No. Frank Antonioli 9) was shipped to G.C.A., Butte depot and which assayed 18% manganese. As this ore graded out Zn,Pb,Ag sulfide ore was found to join this oxide manganese ore on the south or hanging wall side of the drift. This ore has been followed along the top of the Silver Hill formation for a short distance and this work will be continued to determine the possible extent of this ore. The sulfide ore bed in the short distance exposed is 4 to 7 feet thick and is opened up 20 feet in length and 16 feet in width; this ore is very brecciated.

Along the back of 801 drift west for a distance of 20 feet the manganese oxide ore is approximately 4 to 6 feet wide and will assay about 15% manganese. The ore in the bottom of this drift was better grade ore than the ore in the back of the drift. Sampling of this manganese oxide ore as this drift was carried on showed a varying of the grade from 14 to 28% manganese. No samples or assays are submitted for this portion of the exploration as it was believed the carload lot shipment would be a more accurate record for the grade of material along this drift for over 20 feet.

The best mineralized part of the structure along the east side of 800 crosscut south was near the Silver Hill-Hasmark contact and this appears to be part of the F. W. Scratch All vein because of both diamond drilling and long hole drilling that has been carried out. This drift was carried out for approximately 40 feet

south easterly at which point the diamond drill was set up to determine the possible location of the Cliff vein to the south as well as to determine the possibility of other mineralized structure north of this drift. The 63 foot diamond drill hole to the north (approximately 16 degrees east of north) drilled several stringers at 20 to 25 feet that appeared to be Zn,Pb,Ag sulfide material but the examination of part of this core in the laboratory indicated that his portion of the core to be chlorite. All core and sludge samples from this hole have been saved for further examination by Mr. Dahlen, consulting geologist as well as Mr. Quinlan, EMA field Geologist.

At a distance of 70 to 80 feet in 602 drift east the vein was of sufficient width (4 to 6 feet) to warrant sending this material with the ore from 601 drift west to A.C.M., Anaconda sampler. Approximately 20% of A.C.M. Lot No. 4548, 2 carloads, was from this exploration. There is considerable disturbance and faulting indicated in 602 drift east.

A short drift, 602 drift east, has been made from 602 drift east and this work has not been considered part of the exploration contract; this work has been carried out at the expense of the operator.

Production directly from exploration under this contract and included in royalty payments this month is 45.5971 LDT of manganese oxide ore of 10% manganese grade. In addition to this a 2 carload lot of Zn,Pb,Ag, sulfide ore has been shipped to A.C.M., Anaconda sampler, settlement of which has not yet been received.

WORK OTHER THAN CONTRACT

Work has continued on the upper levels of the mine and production applicable to royalty payments to EMA under this contract amounted to 130.0121 LDT manganese oxide ore shipped to G.S.A., Butte depot and having an average grade of 21.5% manganese and preliminary payment of $4554.26

Yours truly,

Peter Antonioli

Peter Antonioli

☐ Audited

WORK ANALYSIS SHEET - DMEA PROJECT

☐ Actual Cost

☐ Certified

Analysis as of MCH. 26, 1954
Incl. Voucher for _____

JRK Agreed Unit Costs

Name PETER ANTONIOLI

Docket No. 3278

State MONTANA

Commodity MANGANIZE & LEAD - ZINC

Idm-E No. 688

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting			234'	7,605.00	
Raising					
Shafts			173.2'	23,347.36	
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation				7,035.00	
Roads and Trails					
Operating Equipment Purchased PIPE				1,300.00	
Surface Rehabilitation & Repairs					
Underground Rehabilitation				8,658.00	
New Building, Improvements, etc.				900.00	
Other (Specify) ASSAYS				12.00	
Totals				48,857.36	

Prepared by PRC

71626

☐ Audited

☐ Certified

Name Peter Antonelli

State Montana

W[illegible] ANALYSIS SHEET - DMEA PROJECT[illegible]

Analysis as of 12-16-54

Incl. Voucher for Oct 54

Commodity Manganese - Lead-Zinc

☐ Actual Cost

☑ Agreed Unit Costs

Docket No. 3278

Idm-E No. 688

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	2080	70993			
Raising	200	7800			
Shafts	205	27,634			
Winzes					
Drilling (Specify) Kleanwood	600	3000			
Surface Excavation					
Underground Excavation		7035*		6660	6660
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation		8658			
New Building, Improvements, etc.		900		900	900
Other (Specify) air, water & pump lines.		1300		1300	1300
Totals		127320		8860	8860

* Includes Enlarging Shaft Station & Ex. Shaft Station

Prepared by [illegible]

71626

Klix	Court	Allen	Gordon, Kehoe	Shafer
2080-	900.	1300	8658.	205 27634

67600
3393
70993

Parker Pye	Rio Hall	Rains
1785	600 - 3000	200 - 7800
5250		
7035		

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

Budget Bureau No. 42-R1036.5

RECEIVED

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

Month of March 1955 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

Contract Amount, $ 128,320.00 Government Participation: 62½% Amount, $ 80,200.00

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
~~600' level~~						
(1) Independent ~~Contractor~~						
Short Form ~~Shaft station~~		1,785.00	1,785.00			
Installing ~~Water~~ pipe lines		1,300.00	1,300.00			
Bulldozing ~~Enlarge~~		8,658.00	8,658.00			
Crosscutting ~~Shaft~~		2,112.50	7,605.00			
Drilling ~~Shaft sinking~~ 16 gal	5,492.50	23,347.36	23,347.36			
~~800' level~~						
Cover or shaft ~~station~~	2,625.00	2,625.00	5,250.00			
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	8.00	4.00	12.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	8,125.50	40,731.86	48,857.36	8125.50	40731.86	48857.36

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

Date April 1, 1955 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 5078 44

Signature MDP
(Authorized Certifying Officer)

Date 4-8-55 Vou. No. 1472

(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. E688 in accordance with the terms of the contract.

Signature /S/ John D. Barkill Title Metallurgist Date 4-4-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldak Title Mining Engr Date 4-5-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MS-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 12 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 5 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	5492.50	169	7,605.00	OK 234	~~7605.~~ 32.50	2,080	67,600.00
Crosscutting (timbering)	"						522	5,393.00
Raising	"						200	7,800.00
Shafts	"			23,347.36	173.2	134.80	205	27,634.00
Enlarge and timber	"			8,658.00	104	83.25	104	8,658.00
	"						600	3,000.00
Drilling: Core	cu ft			1,785.00	3570	.50	3,570	1,785.00
600' shaft station	" "	2625.00	2625	5,250.00	5250	2.00	5,250	5,250.00
800' shaft station	ft			1,300.00	500	2.60	500	1,300.00
Enlarge pipe lines								
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.	8.00	4	12.00	6	2.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		8125.50	✓	47,957.36				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		8125.50	✓	48,857.36	✓			128,320.00

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

Date April 1, 1955 Operator Peter Antonioli

Per ..... 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.

REMARKS: Station 800' level completed March 10, 1955 and crosscutting to intersect veins south of shaft progressing on a two shift per day basis. Drift contractors advance per shift 5½ feet.

(Instructions on reverse)

(For Government use only)

/s/ John D Bardill

INSTRUCTIONS

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

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

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

GPO 872894

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 12 1955

524 So. Washington St.
Butte, Montana
April 1, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket DMEA 3278
Contract Idm-E688
Operating report for
March, 1955

Dear Sirs:

CONTRACT WORK -- 800 Foot Level Shaft Station

During the month of March work on the new 800' level shaft station was completed. The shaft station meets all the specifications agreed upon as per your letter of February 2, 1955. The first section adjacent to the shaft is in excess of 18 feet long, 18 feet wide, and averages 10 feet in height. The second section for switching and car storage is 33 feet long, 10 feet wide, and 8 feet high, for a total for the two sections of about 5800 cubic feet. Both sections one and two are timbered with 8" x 8"s and the caps of the section adjacent to the shaft are rock-bolted to the back. Completion of the station was on the 10th of March.

CONTRACT WORK -- CROSSCUT SOUTH FROM SHAFT

The crosscut south from the shaft to intersect the F.W. Scratch All vein, Cliff vein, and H.W. Scratch All vein was started on the 10th of March and as of the 31st of March a total advance of 218 feet was made which reached a point 269 feet south of the shaft, of which the first 51 feet is in the shaft station section as per specifications. Units this month claimed as per progress report is for a distance of only 169 feet or to a point 220 feet south of the shaft.

269
51
218
169
49
reported here but not on DMEA

At a distance of approximately 143 feet south of the shaft a fissure 4 inches to 14 inches was cut (enclosed assays No. 3 and 3a). This fissure is dipping approximately 60 degrees to the south and striking west. At a distance of approximately 162 feet south of the shaft a 5 to 6 foot structure was encountered dipping to the south (enclosed assays No. 4 and 4a). This structure has a similar strike and dip to the first fissure encountered.

From the second structure carrying manganese oxide there is considerable mineralization both in rhodochrosite and zinc, lead sulfide bands 2 to 3 inches wide and four to five feet apart for a distance of from 175 feet south of the shaft to approximately 215 feet where the silver hill formation was

encountered. The Silver Hill formation is dipping approximately 30 degrees to the northeast. At the Silver Hill-Hasmark contact 3 to 4 feet of ore carrying considerable rhodochrosite (enclosed assay No. 5) is dipping similar to the contact and has the appearance of a bedding replacement. The zinc, lead sulfide bands in the lower section of the Hasmark formation and near the 3 to 4 foot bed of low grade rhodochrosite ore are striking 60 to 70 degrees east of south and dip 65 to 70 degrees south. A concentration of this banded zinc, lead sulfide ore about 3 feet in width at a distance of 208 feet south of the shaft (enclosed assays No. 6 and 6a) will be drifted on to the east as this vein appears to be the F.W. Scratch All vein which was diamond drilled by the U.S. Bureau of Mines approximately 25 feet east of the south crosscut and at practically the same elevation as our new 800' level. This diamond drill hole No. 2 U showed three to four feet of good grade zinc, lead, silver ore. Following this vein to the east will intersect the Cliff vein in the lower section of the Hasmark formation and will make ideal conditions for a replacement body of either manganese or zinc, lead ore.

Mr. Uno Sahinen, Montana Bureau of Mines geologist and consulting engineer, has been engaged to do the geological mapping of all the work under the DMEA contract and this map will be brought up to date and submitted to you in five copies between the 10th and 15th of April. The geological mapping will then be kept current and these progress maps will hereafter be submitted with the monthly progress reports soon after the first of every month.

WORK OTHER THAN CONTRACT

Work is continuing on the 60 foot, 300 foot, and 500 foot levels. Production for the month of March was 350.8624 LDT manganese oxide ore shipped to G.S.A. depot Butte, Montana of approximately 30% manganese grade. Also 52.862 SDT of zinc, lead ore was shipped to A.C.M. Co. The zinc, lead ore was mined along the back of the 600 foot level east drift on the cliff vein which was part of the work under the contract.

Yours truly,

Peter Antonioli

Peter Antonioli

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

Budget Bureau No. 42-R1036.5

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

Month of February, 1955 Docket No. DMEA 3278 Contract No. Idm-1688
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana
Contract Amount, $126,320.00 Government Participation: 62½% Amount, $80,200.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WBM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent Contract~~ 600' level ~~Contract~~ shaft station						
~~Drilling~~ Install pipe lines		1,785.00	1,785.00			
~~Blasting~~ Enlarge		1,300.00	1,300.00			
~~Crosscutting~~ shaft		8,658.00	8,658.00			
Drifting	487.50	1,625.00	2,112.50			
Shaft sinking	2,048.96	21,298.40	23,347.36			
(2) Labor and Supervision: ~~Labor~~ 600' level shaft station	2,625.00	none	2,625.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		4.00	4.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5,161.46	35,570.40	40,731.86	5161.46	35570.40	40731.86

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

Date March 8, 1955 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 3225 91

Signature MGP
(Authorized Certifying Officer)

Date 3-17-55 Vou. No. 1455

(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. 6688 in accordance with the terms of the contract.

Signature (S) John D Burdill Title Metallurgist Date 3-16-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W Zoldok Title Mining Engr. Date 3-16-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1955 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	487.50	15	2,112.50	65	2112.50	2,080	67,600.00
Crosscutting (timbering)	"						522	3,393.00
Raising	"						200	7,800.00
Shafts Enlarge and	"	2048.96	15.2	23,347.36	173.2	23,347.36	205	27,634.00
~~Winzes~~ timber	"			8,658.00	104	8658.00	104	8,658.00
Drilling: Core							600	8,000.00
600' Shaft station ~~Other~~	cu.ft			1,785.00	3570	1785.00	3570	1,785.00
300' shaft station ~~Air~~	" "	2625.00	2625	2,625.00	2625	2625.00	5856	5,250.00
~~Stripping~~ lines pipe	ft.			1,300.00	500	1300.00	500	1,300.00
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.			4.00	2	4.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		5161.46		39,831.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		5161.46		40,731.86				128,320.00

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

Date March 8, 1955 Operator Peter Antonioli

Per ..... Title .....

REMARKS: Shaft sinking during early part of February on a three shift per day basis. Two shift per day basis resumed on 600' level shaft station. Shaft station 50 percent completed. 15 feet advance on 600' east drift Cliff vein.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Received
Lessee Mine's
MAR 21 1955

March 1, 1955.

Defense Minerals Exploration Administration
1501 North Division Street
Spokane 2, Washington

Re: Project MMA 3470
Contract Id-1603
Operating report for
February, 1955

Dear Sirs:

GENERAL WORK--Shaft and Shaft Station

During the month of February work in the shaft progressed on a three shift per day basis in an attempt to extend the shaft sinking under conditions of keeping the maximum amount of water, encountered in the bottom of the shaft, with the facilities existant at the Lorraine All Mine. The quantity of water pumped was at the rate of approximately 160 to 200 gallons per minute. Water in the shaft sinking was first encountered at a point 176 feet below the 600 foot level; at this point the rate was approximately 2 gallons per minute. At an elevation of 104 feet below the 600 foot level the rate was approximately 100 gallons per minute, and the rate at elevation of 108 feet was in excess of 300 gallons per minute.

The adjoining Trout Mining Company is pumping approximately 750 gallons of water per minute from an elevation approximately 10 feet below their 700 foot level and with the difference in elevation of the collars of the Lorraine All Mine and Trout Mining Company property it appears that we have reached the present water table and would have to expect an increasing flow of water in the Lorraine All Mine shaft the deeper it was carried. Because of the impossibility of sinking the shaft any further with the facilities available, a modification of the contract with the MMA has been made to cut the 600 foot level station at approximately 176 to 170 feet below the 600 foot level with the sump extending 12 to 15 feet below the new level. The shaft is in excess of 7 feet x 16 feet in outside dimension and is 2/4 compartments.

During the latter part of February work progressed on the 600 foot level shaft station on a two shift per day basis with a completion of 18 percent or 1810 cubic feet. Upon the next visit of the MMA Field Representative the exact depth of the 600 foot station and shaft sump can be measured; therefore, the advance in the shaft sinking for the month of February, 1955 will be for a total distance of 17 feet which brings the total advance to date in the shaft up to 185 feet below the 600 foot level. This distance is approximately 1 foot less than our measured distance.

On Sunday, February 28, 1955, two new 1200 foot, 7/8 inch dia. hoisting cables were installed on the Scretch All mine hoist so that when the bulkheads at the 600 foot level are removed the new 600 foot level can be serviced with the cages. During March work should be completed on the 600 foot level shaft station and crosscutting for the F. W. Scretch All vein, Cliff vein, and H. W. Scretch All vein will be well under way.

CONTRACT WORK--DRIVING

During February work progressed on the 600 foot level cast drift on the Cliff vein which will cut the future upraise from the 400 foot level. This drift has been extended to the 65 foot mark, which is where drifting was discontinued. When the location of the upraise from the 400 foot level is agreed upon the 600 foot level cast drift will be extended to meet this raise. The vein in the last 15 feet of this drift is approximately 5 to 6 inches in width.

WORK OTHER THAN CONTRACT

60 foot level

Stoping by sub-lessors on this level has been carried on along the Scretch All bed. G.C.A. Lots 64, 65, 80, and 81, have come from this level.

400 foot level

Continued work by sub-lessors is being carried out on this level. This work is in a stage on the F. W. Scretch All vein in the upper section of the Hanna formation. Part of G.C.A. Lot No. 57 came from this area. The showing of more manganese mineralization in this stage during the past month increases the possibility of some future production from this area.

600 foot level

The exploration and mining of manganese oxide ore along the Cliff vein near the Silver Hill-Hanna contact has considerably improved during the past month. G.C.A. Lots 60, 61, and 62 are from this area. The average grade of the three car-load lots shipped during the early part of February was 50 percent manganese. An intermediate, one floor above the 600 foot level in the lowest section of the Hanna formation above 6 to 7 feet of manganese oxide ore of plus 50 percent grade.

Ore production from the Scretch All mine for the monthly period of February was applicable to the terms of this contract for royalty payments to the Government is 300.1051 LT manganese oxide ore shipped to G.S.A. Butte depot.

Yours truly,

Peter Antonioli

Docket No. DMEA 3278
(manganese-lead-zinc)
Contract Idm-E688
American Machine & Metals

DIAMOND DRILL LOGS

MULLEN MINE 400 LEVEL
Granite County, Montana

RECEIVED
JUN - 7 1955

HOLE NO. 1

Bearing: S. 2° E.
Inclination: +3°

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
0.0	4.5	4.5	3.8	84				Starting, reaming and casing, recovery approximate. Core - First half solid, remainder broken in 1" - 2" pieces. Core angle about 20°. Rock - Fine grained, gray to dark gray, finely laminated hornstone more or less knotty and slightly pyritized throughout. Good shaly parting lacking.
4.5	8.6	4.1	4.1	100	0.33	nil	0.10	Core - solid. Rock - solid, fairly well developed spots.
8.6	13.4	4.8	3.7	77	0.66	nil	nil	Core - mostly solid, broken fine 0.1' nearest bit. Rock - Do.
13.4	15.5	2.1	2.9	138	0.60	nil	nil	Core - solid. Rock - solid, heavier spotting locally.
15.5	19.7	4.2	4.0	95	0.33	nil	nil	Core - solid except broken fine 0.0 - 0.1, 1.7 - 1.9, 3.7 - 4.0. Rock - Do. Heavy spotting becoming dominant, with spots 1/16" to 1/4". Rock developing long fractures through core at acute angle causing wedging of core in bit.

HOLE NO. 1 (Cont'd)

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
19.7	22.6	2.9	2.3	79	0.33	nil	nil	Core - solid. Rock - solid, well spotted throughout, 1/4" quartz pyrite vein at 2.0'.
22.6	29.0	6.4	6.0	94	0.33	nil	nil	Core - solid. Rock - fine grained spotted hornstone poorly laminated; 0.1'-0.4' with no shaly cleavage; medium gray with dark gray spots averaging 3/16" covering about 50 percent core surface; slightly pyritized.
29.0	31.3	2.3	2.0	87	0.33			Core - broken fine to 2-3" pieces. Rock - Do.
31.3	33.3	2.0	1.6	80	0.17			Core - Mostly solid. Rock - Do. Spotting not dominant.
33.3	35.2	1.9	1.9	100	0.67			Core - Broken fine. Rock - 0.0-0.7' broken fine; one or two 1/4"-1/2" bands med. grained gray quartzite Remainder hornstones with fine spots average 1/16".
35.2	37.2	2.0	1.8	83	0.33			Core - Solid. Rock - Med. gray hornstone with abundant poorly devel oped spots; rock indistinctly laminated and slightly pyritized, looks silicified 0.9'-1.0'.
37.2	47.1	9.9	7.7	78	0.33			Core - mostly solid, broken to 1" pieces locally. Rock - 0.0'-2.3' Do. with pyrite seam 0.9', 2.3'-3.0' rock is lighter gray with indistinct marking and appears to be moderately quartzitic and slightly more pyritized; 3.0'-7.7' hornstone with larger spots up to 1/4" and somewhat pyritized; locally spots become near mottling and laminations fair to good.

HOLE NO. 1 (Cont'd)

From	To	Length (ft.) run	Length (ft.) core	% Recovery	Sludge Assay % Mn	Sludge Assay oz. Ag	Sludge Assay % Zn	Remarks
47.1	52.0	4.9	2.9	59	0.65			Core - Broken fine to 3-4" pieces at bottom. Rock - Changes - med.-gray hornstone, with well developed but contorted banding hairline to 1/2" in dark-gray, med.-gray areas appears sandy and slightly coarser grained; 1/4" quartz-pyrite seam at 2.0 feet.
52.0	56.2	4.2	1.8	43	0.65			Core - mostly solid except broken fine 1.5-1.8'. Rock - 0.0-0.8' similar at 0.8', 1/4" quartz-pyrite seam on bedding 0.8'-1.8' massive gray, fine-grained quartzy hornstone somewhat pyritized.
56.2	59.4	3.2	1.8	56	0.65			Core - Broken fine. Rock - Similar but developing poor spots near bottom.
59.4	63.0	3.6	2.9	81	0.33			Core - broken. Rock - similar with somewhat better developed spots.
TOTAL		63.0	51.2	79				

HOLE NO. 2

Bearing: S. 2° E.
Inclination: +3°

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
0.0	6.5	6.5	2.3	35				Starting, reaming and collar casing. Core - Broken first 1.1', solid last 1.2'. Rock - Gray, med. crystalline dolo. limestone (?) with brown fine-grained shaly bands 1/8-1/4" irregular, about 10-15% of rock; core probably from last part of drill run.
6.5	9.7	3.2	2.4	75	0.33	tr.	0.20	Core - Fairly solid, soft spot in bit. Rock - Do.
9.7	16.5	6.8	3.6	53	0.33	nil	0.30	Core - 0.0'-1.2' solid, rest broken into 1" pieces. Rock - Do. except 2.4-2.6' rock softer, banding obscure, rock somewhat pyritized; 3.3'-3.6' rock slightly softer with obscure banding and very slight fine-grained pyrite
16.5	27.4	10.7	3.9	36	0.33	nil	0.30	Core - Broken into 1-6" pieces 0.0-2.4', soft and broken fine 2.4-3.9'. Rock - 0.0-0.9' gray, fine grained, med. soft, dolo. limestone (?) with faint slightly darker irregular banding; 0.9-2.4' gray, finely crystalline dolo. limestone (?) with fine 1/16" irregular brown shaly bands core fairly solid; 2.4-3.9' like 0.0-0.9'--very soft nearly chalky, core partly like dry mud.

HOLE NO. 2 (Cont'd)

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
27.4	38.2	10.8	-	-				Core - Two 1/2" pieces recovered.
(27.4-31.9)					0.65	nil	1.60	
(31.9-38.2)					2.29	0.30	1.20	Rock - (?).
38.2	45.6	7.4	1.1	15				Core - Broken fine, hole caving at 44'.
(38.2-42.6)					6.54	nil	0.10	
(42.6-45.6)					5.88	nil	0.20	Rock - Gray limestone with darker gray banding and mottling; rock recovered somewhat harder but shows vugs due to leaching, carbonate replacement, and a few fine streaks $MnCO_3$.
45.6	47.0	1.4	0.2	14	7.51	nil	0.30	Core - Broken fine, hole caving at 44'; drill core may be from 44-foot vicinity. Rock - Similar.
47.0	56.4	9.4	1.7	18				Drilling discontinued at 56.4' due to impossibility of pulling core barrel after further advance; assays indicate ore zone.
(47.0-53.5)					14.70	-	nil	
(53.5-56.4)					16.01	-	nil	
Totals		56.2	15.2	27				

HOLE NO. 3

RECEIVED
JUN - 7 1955

Bearing: S. 25° E.
Inclination: +05°

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
0	6.3	6.3	6.0	95				Starting, reaming and collar casing. Core - Mostly solid. Rock - Gray to greenish-gray dolo. limestone (?), fine to med. crystalline, with brown, shaly, irregular banding and mottling from 5-25 percent of rock; bedding angle about 30°, one or two fractures with pyrite on surfaces other fractures with scale $CaCO_3$.
6.3	9.2	2.9	2.6	90	0.65			Core - Partly solid, last 0.9' broken 1" pieces. Rock - Do.
9.2	12.5	3.3	3.1	94	0.33			Core - Broken but reconstructible, rock fractured. Rock - Do., becoming somewhat softer locally, brown color changing to med. dark gray; some fractures with $CaCO_3$; slightly pyritized notably 0.0-0.8'.
12.5	15.4	2.9	1.8	62	0.33			Core - 0.0-0.6' broken, 1" pieces 0.6-1.8' solid. Rock - 0.0-0.6'--similar; 0.6-0.7'--hard dark gray fine-grained limestone with med. to dark gray green mottling moderately pyritized, pyrite fine grained disseminated; 0.7-1.8' gray, med., crystalline, dolo. limestone with a few indistinct greenish bands, pyritized slightly throughout.

HOLE NO. 3 (Cont'd)

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
15.4	19.6	4.2	2.0	48	0.33			Core - Broken. Rock - 0.0-0.8' very dark green-gray or bluish, fine grained, hard limestone with med. green banding, pyritized throughout disseminated and in 1/32" veinlets; 0.8-2.0' greenish-gray, med., crystalline limestone with indistinct bands and 5-10 percent garnetized in garnet band: garnet absent 1.8-2.0', disseminated fine pyrite throughout - slight.
19.6	23.9	4.3	3.1	72	0.33			Core - 0.0-2.2' solid; 2.2-3.1' broken. Rock - 0.0-0.9' gray, fine med., crystalline dolomite in broad texture bands, slight disseminated fine-grained pyrite, marking obscure, last portion grading into garnetized rock; 0.9-2.7' fine grained, greenish-gray, dolomite up to 5-10 percent garnet in pods and poor bands, rock marked with fair, fine bands, slight pyrite; 2.7-3.1' very fine-grained shaly dolomite, greenish gray with tan overtones, fine bands and mottling avg. 1/8", slight fine-grained pyrite disseminated and 1/16" masses.

HOLE NO. 3 (Cont'd)

RECEIVED
JUN - 7 1955

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
23.9	28.5	4.6	1.9	41	0.33			Core - Mostly broken. Rock - 0.0-0.3' similar to last 0.4' above, color slightly darker with trifle more disseminated pyrite; 0.3-1.5' mostly soft, light gray, fine grained, slightly chalky, altered dolomite (probably like above and below) with up to 5% pyrite mostly disseminated but a few rare 1/8" crystals, occasional area unaltered shaly dolomite; 1.5-1.9' med. gray, fine grained, finely laminated, shaly dolomite with 1-2% fine pyrite.

Note: Sequence of core in individual runs from 28.5' to 59.1' may have been changed during handing. Run should be intact.

28.5	33.7	5.2	2.6	50	0.17			Core - Broken into 1-2" pieces. Rock - 0.0-2.2' med. dark green-gray, fine grained, finely laminated shaly dolomite with slight disseminated fine pyrite with veins 1/8-1/4" pyrite at 1.6'; 2.2-2.6' gray, med. crystalline dolomite with few darker irregular 1/4" bands, pyrite lacking.
33.7	39.0	5.3	2.0	37	0.17			Core - Broken except last 0.9' solid. Rock - Similar to last 0.4' above except fine grained, shaly dolomite 0.7-1/4' like run above.

HOLE NO. 3 (Cont'd)

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
39.0	49.1	10.1	8.9	88				Core - Mostly solid, broken locally and last 0.8'.
(39.0-44.0)					0.17			Rock - Similar, mostly gray somewhat banded fine to med. crystalline dolomite, becomes brown near bottom, pyrite mostly lacking.
(44.0-49.1)					0.32			
49.1	59.1	10.0	7.6	76				Core - Solid.
(49.1-54.1)					0.17			Rock - Similar, color dominantly brown, rock with 40-50% darker brown, fine grained bands and mottling.
(54.1-59.1)					0.32			
59.1	69.0	9.9	9.9	100				Core - Solid.
(59.1-64.0)					0.17			Rock - Solid.
(64.0-69.0)					0.17			
69.0	79.2	10.2	8.7	86				Core - Mostly solid.
(69.0-74.1)					0.17			Rock - Do.
(74.1-79.2)					0.17			
79.2	89.1	9.9	3.9	39				Core - Broken.
(79.2-84.1)					0.65	-	nil	Rock - Do.
(84.1-89.1)					3.24	-	nil	
89.1	99.1	10.0	1.3	13				Core - Broken into 1-2" pieces.
(89.1-94.1)					1.94	0.10	nil	Rock - 0.0-0.8' med. gray, finely crystalline, fairly hard dolomite with obscure markings looks slightly leached in places possibly with some carbonate replacement; very slight very fine disseminated pyrite; 0.8-1.3' one 1" piece similar, rest is dolo. altered to gray talcy material including some breccia material in talcy matrix.
(94.1-99.1)					2.27	0.10	0.20	

HOLE NO. 3 (Cont'd)

Interval (ft.) From	To	Length (ft.) run	core	% Recovery	Sludge Assay % Mn	oz. Ag	% Zn	Remarks
99.1	109.1	10.0	7.3	73				Core - Mostly solid, broken locally in last 2.0'.
(99.1-104.1)					1.30	nil	nil	
(104.1-109.1)					5.83	4.30	nil	Rock - 0.0-4.3' med. to dark gray altered dolomite very soft talcy material when wet, much like dried mud when hard, includes some breccia; 4.3-7.3' leached and replaced dolomite; gray, obscurely banded in light pinkish gray, some disseminated ZnS(?); rock seems fairly heavy.
109.1	119.1	10.1	3.6	36				Core - Broken 1/4-3" pieces.
(109.1-114.1)					16.53	0.10	0.10	Rock - Do., but harder and considerably less altered; upper portion has appearance of $MnCO_3$ ore.
(114.1-119.1)					7.78	0.10	nil	
119.1	129.1	10.0	4.0	40				Core - Mostly solid, probably from last half of run. Rock - Similar, small pieces to 0.5' look and feel like $MnCO_3$; bottom part light in weight and shaly.
Totals		129.1	80.3	62				

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 14 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1955 Docket No. DMEA 3278 Contract No. Idm-E688
Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc
Address 524 So. Washington St., Butte, Montana
Contract Amount, $ 128,320.00 Government Participation: 62½ % Amount, $ 80,200.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts: 600 level						
shaft station		1,785.00	1,785.00		1785.00	1785.00
Install pipe lines		1,300.00	1,300.00		1300.00	1300.00
Enlarge shaft		8,658.00	8,658.00		8658.00	8658.00
Drifting	1625.00	none	1,625.00	1625.00	—o—	1625.00
Shaft sinking	8896.80	12,401.60	21,298.40	8896.80	12401.60	21298.40
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	4.00	none	4.00	4.00	—o—	4.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	10525.80	25,044.60	35,570.40	10525.80	25044.60	35570.40

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

Date Feb. 1, 1955 *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 6578 63

Signature MRP
(Authorized Certifying Officer)

Date 2/10/55 Vou. No. 1430
(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. E688 in accordance with the terms of the contract.

Signature /S/ John D Birdell Title Metallurgist Date 2/4/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen H Zoldok Title Mining Engr Date 2/4/55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

Department of the Interior
Defense Minerals Administration
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1955 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese, Lead, Zinc

Address 524 So. Washington St., Butte, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	1625.00	50	1625.00	50	1625.00	2080	67,600.00
Crosscutting (timbering)	ft.						522	3,393.00
Raising	"						200	7,800.00
Shafts Enlarge and	"	3896.80	66	21298.40	158	21,298.40	205	27,634.00
timber	"			8658.00	104	8658.00	104	8,658.00
Drilling: Core	"						600	3,000.00
Churn								
Auger								
Enlarge pipe lines Shaft station	ft.			1300.00	500	1300.00	500	1,300.00
Trenching 600 level Shaft station	cu.ft/			1785.00	3570	1785.00	3570	1,785.00
Trenching 800 level	" "						5250	5,250.00
Roads and Trails								
Assays	ea.	4.00	2	4.00	2	4.00	500	1,000.00
TOTAL DISTRIBUTED COSTS		10525.80		34670.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		10525.80		35570.40				128,320.00

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

Date Feb. 1, 1955 Operator Peter Antonioli

Per ..... 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.

REMARKS Work in shaft on a two shift per day basis. Work in shaft suspended Jan. 29-31 to install pump and pump line from 500 foot level down to approximately 150 feet below 600 ft. level. Sinking in shaft will be resumed Feb. 2, 1955.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

February 1, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket DMES 2570
Contract Idm-2683
Operating report for
January, 1955

Dear Sirs:

CONTRACT WORK--SHAFT

During the month of January work progressed in the shaft sinking on a two shift per day, six day per week basis. During January the amount of ground out in shaft sinking totaled 64 feet and the amount of ground timbered was 66 feet, these totals for January added to previous totals makes a total advance to date of 182 feet of ground out below the 600 foot level and 168 feet of ground timbered below the 600 foot level.

On the 26th of January water was encountered in the shaft and it was decided to make the necessary preparations for handling this water which appears to be coming up at the rate of 8 to 10 gallons per minute. Four inch pump column has been placed in the shaft from the 500 foot level to approximately 70 feet below the 600 foot level, and from this point the pump line was reduced to 2 inch pipe and carried down to approximately 150 feet below the 600 foot level where a sump tank and 25 hp electric centrifugal pump have been placed to pump the water encountered in shaft sinking. This water will be pumped to the 500 foot level pump station where the 40 hp station pump will pump this water to surface. Air pumps will be employed to raise the water from the bottom of the shaft to the 25 hp electric pump placed in the shaft. This system if found adequate will be used until the 800 foot level shaft station is cut; then the 25 hp electric pump will be placed on the 800 foot level station and will raise the water to the 40 hp electric pump on the 500 foot level.

CONTRACT WORK--DRIFTING

During January work has progressed on the 600 foot level east drift on the Cliff vein which will meet the future upraise from the 800 foot level. This drift showed approximately 1 foot of ore (Pb-Zn-Ag) at the beginning; however, at 10 feet advance the ore widened to approximately 2 feet and the analysis #1 attached to this report is a grab of the muck pile from the blasting of this ore. The ore in this drift was selectively mined because of this advance was quite slow. At a point of 20 feet advance in this drift analysis #2 attached to this report was made from a grab sample of the blasted ore. The ore in this drift from the beginning of this contract to a point 40 feet in advance would average almost three feet in width. Because

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
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the ore along this drift was selectively mined and shipped the analysis #1 and #2 were the only analysis submitted along this drift as the shipment (Lot No. 3820 to ACM) presents an accurate average analysis of the ore developed in this drift. At the 60 foot point the ore pinched and the vein in the face at 80 foot advance is less than 6 inches wide. In the hanging wall side of the ore in this drift a 2 inch to 4 inch stringer of rhodochrosite parallels the Pb-Zn-Ag ore and this stringer has become oxidized in the face of this drift. This drift on the 600 foot level cliff vein is 5 feet x 7 feet in the clear as per contract agreement. As this work progresses further a map will be included with the operating reports.

WORK OTHER THAN CONTRACT

60 foot level

Stoping by sub-lessors on this level has been carried on along the Scratch All bed. G.S.A. Lots 48, 50, 51, and 53 have come from this level. The bed will average 4 to 6 feet in width and is dipping 40 degrees to the NE and striking S 30 E. Production will be increased from this level during February and March. The ore from this level is mixed oxide--carbonate manganese ore.

360 foot level

Limited work by sub-lessors is being carried out on this level. This work is in a winze on the F.W. Scratch All vein in the upper section of the Hasmark formation.

500 foot level

The exploration on the 500 foot level Cliff vein near the Silver Hill-Hasmark contact on the east side of the anticline has developed a fair showing of manganese oxide ore underneath old stopes and in both walls of the Cliff vein where considerable Pb-Zn-Ag ore has been mined. The extent of this ore and possible tonnage and grade is difficult to estimate; however, production is now being made from this area and the first car-load lot is G.S.A. Lot No. 55 which was 23.6 percent manganese. This work will be continued so that the possibilities of the lower section of the Hasmark formation on the west side of the anticline will be explored along the Cliff vein.

Ore production from the Scratch All Mine for the monthly period of January and applicable to the terms of this contract for royalty payments to the government is 61.054 mdt of Pb-Zn-Ag sulfide ore shipped to Anaconda Copper Mining Company and 161.5899 LT manganese oxide ore shipped to G.S.A. Butte depot.

Yours truly,

Peter Antonioli

Peter Antonioli

PA/fl

DEPARTMENT OF THE INTERIOR
Lewiston Minerals Administration
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5-11-46—5M

ANACONDA COPPER MINING COMPANY

GENERAL ASSAY OFFICE

CERTIFICATE OF ASSAY

Butte, Montana, 1-10 1955

Mr. Pete Antonioli

Analysis #2

No.	MARKS	Per Cent	Per Cent	Per Cent Copper	Ozs. Silver Per Ton	Ozs. Gold Per Ton	Per Cent Lead	Per Cent Zinc	Per Cent
Samp					24.3	0.015	4.9	12.0	

Assayer

MONTANA LABORATORY COMPANY

CHEMISTS AND ASSAYERS

Philipsburg, Montana, December 29, 1954

The Following Analyses Were Made For Contact Mining Analysis #1

	Per Cent H_2O	Ozs. Silver Per Ton	Ozs. Gold Per Ton	$ Gold Per Ton	Per Cent Copper	Per Cent Mn. Dioxide	Per Cent Iron	Per Cent Lead	Per Cent Manganese	Per Cent Silica	Per Cent Zinc
Pete Lahola		19.08						3.10			12.40

MONTANA LABORATORY COMPANY

By

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

W

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1954 Docket No. DMEA 3270 Contract No. Ion-1089

Operator's Name Peter Antoniolli Minerals Manganese-Lead

Address 524 So. Washington St., Butte, Montana Zinc

Contract Amount, $128,320.00 Government Participation: 62½% Amount, $80,000.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Prospecting		1,785.00	1,785.00			
Drifting	9,705.60	2,696.00	12,401.60			
Install pipe lines		1,[illegible]	1,[illegible]			
Install shaft		8,658.00	8,658.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	9,705.60	15,339.00	25,044.60	9705.60	15339.00	25044.60

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

Date Jan. 1, 1955 *Payee Peter Antoniolli

Per Peter Antoniolli Title Operator

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

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

(Instructions on reverse)

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

$ 6066.00

Signature MEP (Authorized Certifying Officer)

Date 1/6/55 Vou. No. 1393

(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. Ee 688 in accordance with the terms of the contract.

Signature /s/ John D. Pardell Title Metallurgist Date Jan. 5-1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Thomas E. Howard Title Mining Engr. Date Jan. 5, 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 4, 1954 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese

Address 524 So. Washington St., Butte, Montana Lead-Zinc

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting (timbering)	ft.						2,080	67,600.00
Crosscutting	"						522	3,393.00
Raising	"						200	7,800.00
" (enlarge and timber)	"	9,705.60	72	12,401.60	92	12,401.60	205	27,634.00
Shafts	"			8,658.00	104	8,658.00	104	8,658.00
Winzes	"						600	3,000.00
Drilling: Core								
Churn								
enlarge pipe lines Auger	ft.			1,300.00	500	1,300.	500	1,300.00
shaft station 600 level	cu. ft.			1,785.00	3,570	1,785.	3,570	1,785.00
shaft station 800 level	"						5,250	5,250.00
Test Pits								
Roads & Trails	ea.						500	1,000.00
TOTAL DISTRIBUTED COSTS		9,705.60		24,144.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		9,705.60		25,044.60			12	8,320.00

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

Date Jan. 2, 1955 Operator Peter Antonioli

Per Title

REMARKS: Work in the shaft is still progressing on a two shift per day basis. Part of the drifting as outlined in Item 12 this contract is being started. Total ground timbered in the shaft below the 600' level station is 102 feet, and total ground out is 118 feet as of Dec. 31, 1954

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)

DEPARTMENT OF THE INTERIOR
Bureau of Mines
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Do the exemptions in the contract cover the royalties omitted as listed here?

yes

not ½ of shortfall

January 7, 1955

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 2, Washington

Re: Docket DMA 3278
Contract Idm-1600
Operating report for
December 1954.

Dear Sirs:

During the month of December work progressed in the shaft sinking on a two shift per day, six day per week basis. During December the amount of ground cut in shaft sinking totaled 73 feet and the amount of ground timbered was 7[illegible] feet, these totals for December added to previous totals makes a total advance to date of 118 feet of ground excavated below the 600 foot level shaft station, and 10[illegible] feet of ground timbered below the 600 foot level shaft station. Air line and water line for drilling purposes are being installed so that these lines follow the ground cut in the shaft within 50 feet. These pipe lines consist of 3 inch pipe for the compressed air and 1 inch pipe for the water line. As yet it has not been necessary to carry the 4 inch pump line below the 500 foot level because the mine down to the 600 foot level is making on an average of only 10 gallons of water per minute. A 40 hp station pump is placed on the 500 foot level station and a 1[illegible] hp pump is on the 600 foot level. A temporary [illegible] inch pump line has been placed between the 6[illegible] foot and 5[illegible] foot levels through which the 10 hp pump raises the water to the 500 foot level pump station. No water has been encountered in the shaft sinking and all water encountered in the upper levels of the mine is surface seepage through old mine workings.

Timber placed in the shaft is comparable in size to the shaft above the 500 foot level, this consists of 8 inch x 8 inch fir timber for wall plates, end plates, centers, and posts, laggin for the shaft is [illegible] inch material and 4 inch x 6 inch guides are installed as timbering permits.

Work has been started and will proceed whenever hoisting time on the 600 foot level station permits the advancement of the drift per item 12 of this contract which consists of approximately 180 feet of drifting easterly on the 600 foot level Cliff vein to allow for a raise connection which will be made from the 500 level. The Cliff vein in the breast of this new drift averages approximately 1 foot in width and will assay approximately 20 ounces Ag, 8 percent lead, and 12 percent zinc. As this work progresses maps and assays will

be submitted with the monthly operating reports in which claim is made for that particular phase of this contract.

During the past two months considerable exploration and development has been and is continuing to be carried out on the upper levels of the Scratch All Mine. This work has been on the 500 foot, 300 foot, 200 foot, and 60 foot levels. The work on the 500 foot level consists of reopening the drift on the Cliff vein in a westerly direction to explore the Silver Hill-Hasmark contact. A large proportion of the oxide manganese production during World War I and the years following came from this area and it is expected that considerable oxide manganese ore will be found further west along this contact.

Work on the 300 foot and 200 foot levels has been in the area of the Scratch All Manganese Bed. This work is for the purpose of establishing what portions of the bed have not been previously mined and also is for the purpose of determining if there is a continuation of this manganese bed south of the Cliff vein.

Work on the 60 foot level consists of a drift, stope and 22-foot winze, all of which are in an unworked portion of the Scratch All Bed. Most of the manganese production during the past several months has been from this area.

Ore production from the Scratch All Mine for the monthly period of December and applicable to the terms of this contract for royalty payments to the government is 124.573 tons of Pb-Zn-Ag sulfide ore shipped to American Copper Mining Company and 242.1976 long dry tons of oxide manganese ore shipped to GSA, Butte depot. In addition to this production 49.3166 long dry tons of oxide manganese ore was shipped from the Sharktown claim which royalty payments do not apply to.

Yours truly,

Peter Antonioli

Peter Antonioli
574 So. Washington St.
Butte, Montana

PA/fa

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

Budget Bureau No. 42-R1036.5

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

Month of November, 1954 Docket No. DMEA 3278 Contract No. Id-1660
Operator's Name Peter Antonioli Minerals Manganese-Lead
Address 594 So. Washington St., Butte, Montana Zinc
Contract Amount, $ 100,000.00 Government Participation: 62% Amount, $ 60,000.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WJM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting 2000 level Shaft Station	1,785.00	None	1,785.00	1785.00	-0-	1785.00
Drifting	2,696.00	None	2,696.00	2696.00	-0-	2696.00
Shaft sinking						
Install air pipe lines		1,300.00	1,300.00		1300.00	1300.00
(2) Labor and Supervision	1,998.00	6,660.00	8,658.00	1998.00	6660.00	8658.00
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		900.00	900.00		900.00	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6,479.00	8,860.00	15,339.00	6479.00	8860.00	15339.00

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

Date Dec. 1, 1954 Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 4049 38

Signature MJP (Authorized Certifying Officer)

Date 12/23/54 Vou. No. 1386

(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. E6688 in accordance with the terms of the contract.

Signature /s/ John D. Bardill Title Metallurgist Date 12/15/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W. Zoldok Title Mining Engr Date 12/16/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MR-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1954 Docket No. DMEA 3278 Contract No. 10m-2608
Operator's Name Peter Antoniolli Minerals Manganese-
Address 531 So. Washington St., Butte, Montana Lot-Zinc

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.						2,000	67,000.00
Crosscutting (timbering)	ft.						322	3,395.00
Raising	ft.						100	7,800.00
Shafts	ft.	2,696.00	20	2,696.00	20	2,696.	205	27,064.00
Winzes (timber)	ft.	1,998.00	24	8,658.00	104	6,658.	104	8,658.00
Drilling: Core	ft.						600	3,000.00
Churn								
Auger								
Setting pipe lines	ft.			1,800.00	800	1,800.	500	1,500.00
Trenching 600 level	cu.ft.	1,785.00	3570	1,785.00	3570	1,785.	3,570	1,785.00
Test Pits 600 level	" "						5,250	5,250.00
Roads and Trails								
Assays	ea.						500	1,000.00
TOTAL DISTRIBUTED COSTS		6,479.00		14,489.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				900.00				900.00
TOTAL COSTS		6,479.00		15,389.00				120,850.00

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

Date Dec. 1, 1954 Operator Peter Antoniolli

Per ..... Title .....

REMARKS: Work progressing on a two shift per day basis.

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

December 1, 1954

Defense Minerals Exploration Administration
1201 North Division Street
Spokane 1, Washington

Re; Docket DMA 3278
Contract Idm-E688
Operating report for
November 1954.

Dear Sirs;

During the month of November, 1954 two phases of the work under this contract were completed, these consisted of the enlarging and timbering of the shaft between the 500 and 600 foot levels plus approximately 10 feet below the 600 foot level shaft station which was previously used as a pump sump, and the enlarging of the 600 foot level shaft station. Plate 1 of this report is a dimensional sketch of the enlarged 600 foot level shaft station. The dimensions of the shaft station were altered in order to facilitate the sinking of the shaft to the 800 foot level and subsequent work according to this contract. The size of the 600 foot level shaft station is in excess of 5500 cubic feet.

It has been found necessary to build a new pump station and dam on the 600 foot level, (Plate 1), and since this dam has been used no pumping to surface has been necessary.

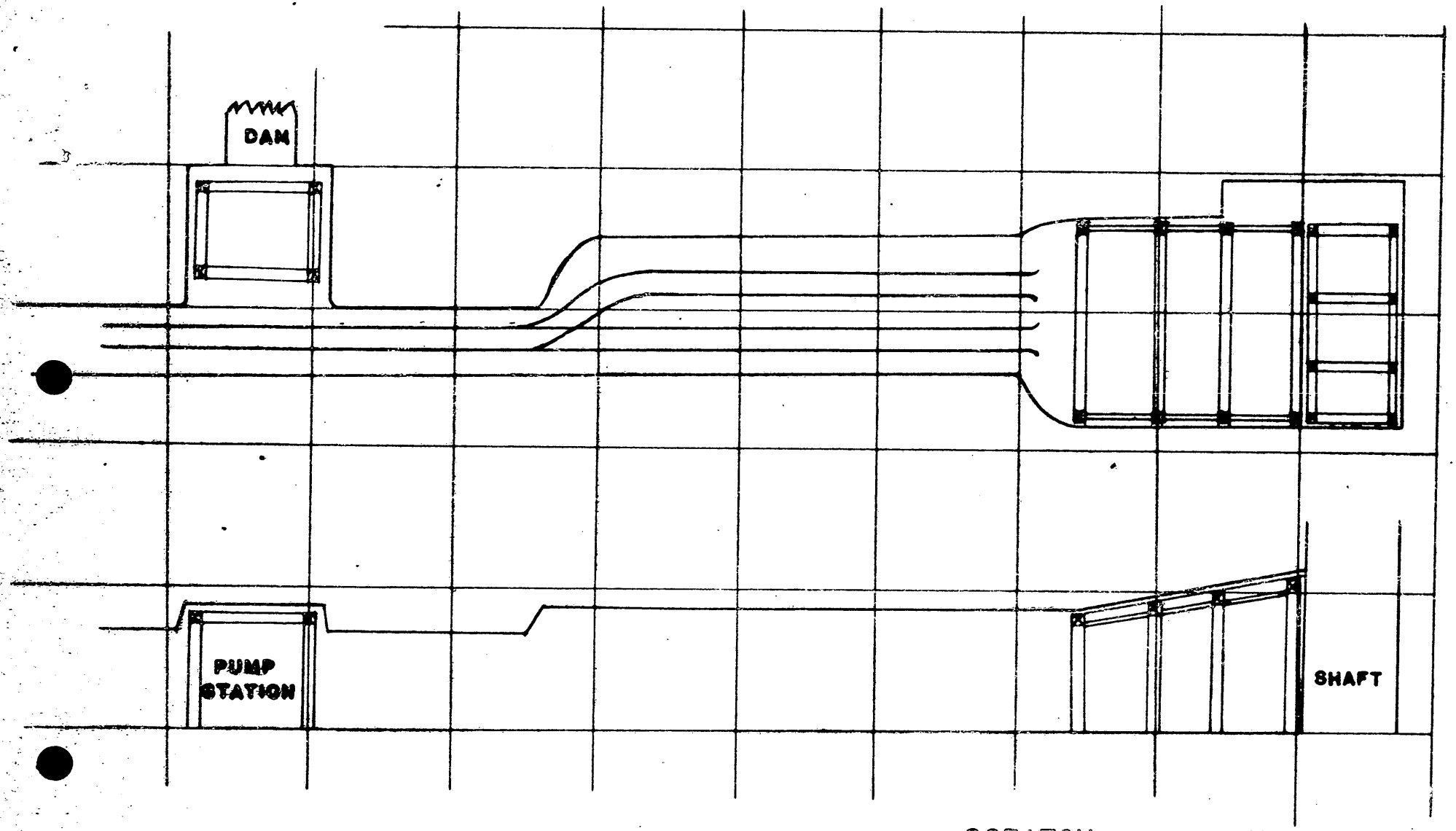
Work is progressing on the shaft sinking on a two shift per day basis. The total advance in the shaft sinking was 30 feet during the latter part of November, 1954; however, ground has been taken out in the shaft to a point 45 feet below the sill of the 600 foot level shaft station. The timbering of the shaft is following the bracking and mucking in the shaft by approximately 15 feet.

Yours truly,

Peter Antonioli

Peter Antonioli
584 So. Washington St.
Butte, Montana

PA/fa



SCRATCH ALL MINE

600' LEVEL SHAFT STATION

SCALE 1" = 10'

DMEA CONTRACT IDM-E688

PLATE 1

NOV. 30, 1954

400

DEPARTMENT OF THE INTERIOR
Bureau Mines Mail Room
RECEIVED
NOV 22 1954

XXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington

November 17, 1954

3278

JAR

Mr. Peter Antonioli
524 So. Washington St.
Butte, Montana

Re: Contract Idm-E688
Operating reports for the periods July 28 to Sept. 30, 1954 and October 1954

Dear Mr. Antonioli:

We have received the subject operating reports and the charges submitted are in accordance with the contract.

The narrative submitted with the September MF-104 is inadequate in that no details of the pipe installation were given. The size of the pipe installed and the number of feet used should be shown.

We should also appreciate receiving copies of the invoices covering purchases of galvanized sheeting and lumber used in the compressor house.

By Field Team, Region II

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

Wing G. Agnew, Member
U. S. Bureau of Mines

cc: DMEA (2) ✓
USGS (2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Budget Bureau No. 42-R1036.5
RECEIVED
NOV 22 1954

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

Month of October, 1954 Docket No. DMEA 3278 Contract No. Idm-E688
Operator's Name Peter Antonioli Minerals Manganese-Lead Zinc
Address 524 So. Washington St., Butte, Montana
Contract Amount, $128,320.00 Government Participation: 62½ % Amount, $ 80,200.00

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						
Install Pipe Lines		1,300.00	1,300.00		1300.00	1300.00
Enlarge shaft	6,660.00	none	6,660.00	6660.00	—0—	6660.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	900.00	none	900.00	900.00	—0—	900.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	7,560.00	1,300.00	8,860.00	7560.00	1300.00	8860.00

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

Date ..... *Payee Peter Antonioli

Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 4725.00

Signature [illegible]
(Authorized Certifying Officer)

Date 11/18/54 Vou. No. 1356
(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. E6688 in accordance with the terms of the contract.

Signature /S/ John D Burdell Title Metallurgist Date 11/15/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Eng Date 11/16/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 22 1954

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

Month of October 1954 Docket No. DMEA 3278 Contract No. Idm-E688
Operator's Name Peter Antonioli Minerals Manganese-Lead-Zinc
Address 524 So. Washington St., Butte, Montana

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.						2,080	87,600.00
Crosscutting (timbering)	ft.						522	3,393.00
Raising	ft.						200	7,800.00
Shafts	ft.						205	87,634.00
~~Winzes~~ " (enlarge and timber)	ft.	6,660.00	80	6,660.00	80	6,660.	104	8,658.00
Drilling: Core	ft.						600	3,000.00
Churn								
Auger								
Enlarge pipe lines ~~Shaft~~ Shaft Station	ft.	None	None	1,300.00	500	1,300.	500	1,300.00
~~Trenching~~ 800 level	cu.ft.						3,570	1,785.00
~~Extra~~ Shaft Station 800 level	" "						5,250	5,250.00
Roads and Trails								
Assays	ea.						500	1,000.00
Total Distributed Costs		6,660.00		7,960.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		900.00		900.00				900.00
Total Costs		7,560.00		8,860.00				125,320.00

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

Date Nov. 6, 1954 Operator Peter Antonioli

Per _____ Title _____

Remarks: New combination compressor and hoist house completed. Enlarging of the 600 level shaft station will be completed in Nov. 1954. Work progressing on a two shift per day basis.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 22 1954

November 6, 1954

Defense Minerals Exploration Administration
DMEA Field Team, Region II
1201 N. Division St.
Spokane 2, Washington

Re: Docket DMEA 3278
Contract Idm-E688
Peter Antonioli

Dear Sirs:

The following is a brief report covering work pretaining to this contract for the time period October 1, 1954 to October 31, 1954.

During this work period the combination compressor and hoist house was completed. Enlarging of the 600 foot level shaft station was continued and only 10 percent or 525 cubic feet of the station remains to be drilled and blasted prior to the timbering of the station, however, this remaining ground in the station will be left until the enlarging of the shaft between the 500 foot level and 600 foot level is completed. Other work completed during this work period was the enlargment and timbering of the shaft from the 500 foot level to 580 feet for an advance of 80 feet. Work progressing on a two shift per day basis.

Sincerely yours,

Peter Antonioli

PETER ANTONIOLI
524 So. Washington St.
Butte, Montana

PA/fa

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

Budget Bureau No. 42-R1036.5

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Denver
NOV 22 1954

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

Month of ~~September 30~~ July 28 to, 1954 Docket No. DMEA 3278 Contract No. Idm-E688
Operator's Name Peter Antonioli Minerals Manganese
Address 524 So. Washington St., Butte, Montana
Contract Amount, $128,320.00 Government Participation: 62½ % Amount, $ 80,200.00

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						
Install Pipe Lines	1,300.00	none	1,300.00	1300.00	—0—	1300.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,300.00	none	1,300.00	1300.00	—0—	1300.00

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

Date ..... *Payee Peter Antonioli

x Per Peter Antonioli Title Operator

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

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

(Instructions on reverse)

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

$ 812 50

Signature MJP
(Authorized Certifying Officer)

Date 11/18/54 Vou. No. 1356
(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 688 in accordance with the terms of the contract.

Signature /S/ John D Bardill Title Metallurgist Date 11/15/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 11/16/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 22 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1954 Docket No. DMEA 3278 Contract No. Idm-E688

Operator's Name Peter Antonioli Minerals Manganese-Lead-Zinc

Address 524 So. Washington St.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.						2,080	67,600.00
Crosscutting (timbering)	"						522	3,393.00
Raising	"						200	7,800.00
Shafts	"						205	27,634.00
" (enlarge and	"						104	8,658.00
~~Winzes~~ timber)	"						600	3,000.00
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Enlarge pipe lines	ft.	1,300.00	500	1,300.00	500	1,300.	500	1,300.00
~~Shaft~~ Shaft station								
~~Stoping~~ Stoping 800 level	cu.ft.						3,570	1,785.00
~~Stoping~~ Post pile 800 level	" "						5,250	5,250.00
Roads and Trails								
Assays	ea.						500	1,000.00
TOTAL DISTRIBUTED COSTS		1,300.00		1,300.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								900.00
TOTAL COSTS		1,300.00		1,300.00				128,320.00

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

Date Nov. 5, 1954 Operator Peter Antonioli

Per _____ Title _____

REMARKS: This first report covers the time period from the contract date, July 28, 1954 to Sept. 30, 1954.

→ 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

Defense Minerals Adm.
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NOV 22 195

November 5, 1954

Defense Minerals Exploration Administration
DMEA Field Team, Region II
1201 N. Division St.
Spokane 2, Washington

Re: Docket DMEA 3278
Contract Idm-E688
Peter Antonioli

Dear Sirs:

The following is a brief report covering work pertaining to this contract for the time period July 26, 1954 to September 30, 1954.

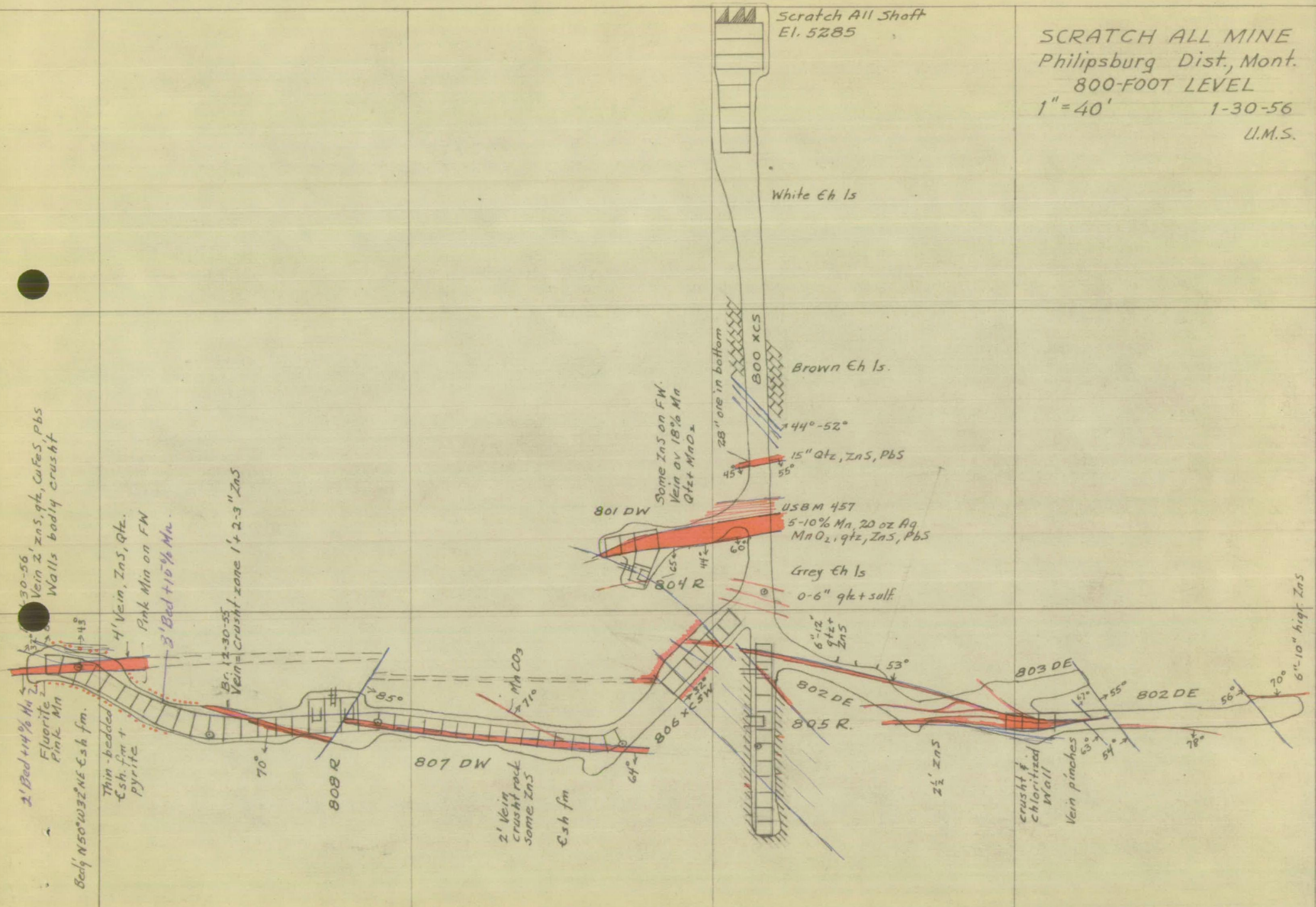
The initial work under this contract was enlarging the water, air, and pump lines from surface to the 500 foot level. This work was carried on and completed on a one shift per day basis. After this work was completed, construction of the new compressor and hoist house was begun as well as enlarging of the 600 foot level shaft station. The enlarging of the 600 foot level shaft station was carried on a two shift per day basis.

Sincerely yours,

Peter Antonioli

PETER ANTONIOLI
524 So. Washington St.
Butte, Montana

PA/fa


SCRATCH ALL MINE
Philipsburg Dist., Mont.
800-FOOT LEVEL
1" = 40'
1-30-56
U.M.S.
Scratch All Shaft
El. 5285
White Єh ls
Brown Єh ls.
800 XCS
28" ore in bottom
44°-52°
15" Qtz, ZnS, PbS
45°
55°
USBM 457
5-10% Mn, 20 oz Ag
MnO2, qtz, ZnS, PbS
Some ZnS on FW
Vein av 18% Mn
Qtz + MnO2
801 DW
804 R
Grey Єh ls
0-6" qtz + sulf.
6"-12" qtz + ZnS
53°
803 DE
802 DE
805 R.
802 DE
57°
55°
56°
70°
6"-10" high ZnS
2½' ZnS
crusht & chloritized wall
Vein pinches
63°
54°
78°
806 XCSW
32°
64°
807 DW
2' Vein crusht rock some ZnS
Єsh fm
MnCO3
71°
85°
808 R
70°
Br. 12-30-55
Vein = crusht. zone 1' + 2-3" ZnS
3' Bed + 16% Mn.
4' Vein, ZnS, Qtz.
Pink Mn on FW
43°
Thin-bedded Єsh. fm + pyrite
Bed'g N50°W32°NE Єsh fm.
2' Bed + 14% Mn
Fluorite
Pink Mn
30-56
Vein 2' ZnS, qtz, CuFeS, PbS
Walls bad'y crusht

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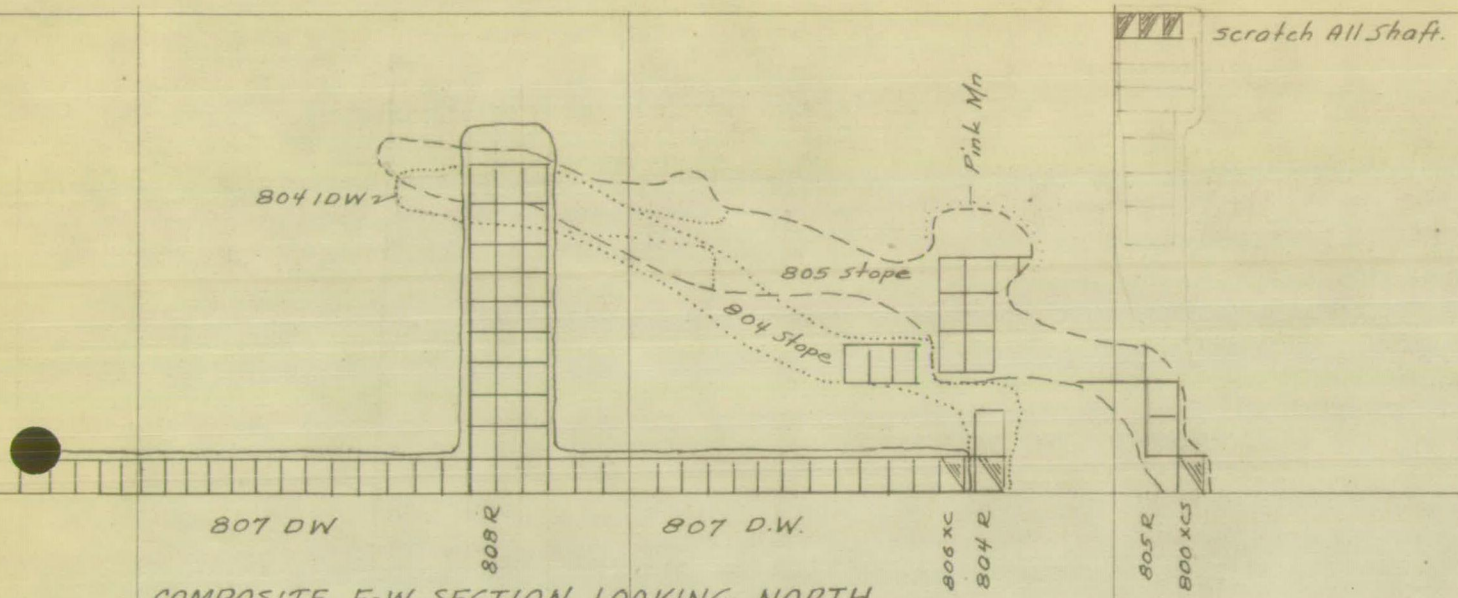
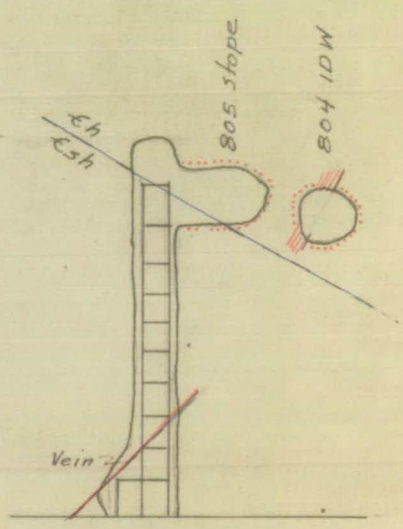
FEB 17 1956

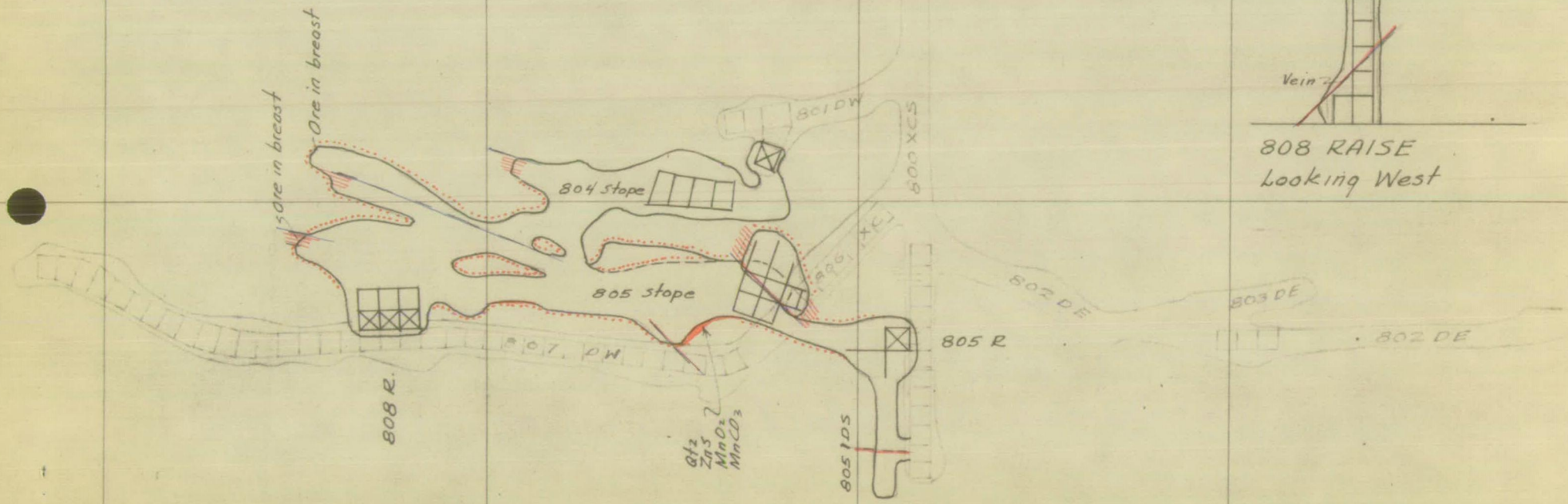
SCRATCH ALL MINE
Philipsburg Dist., Mont.
800-FOOT LEVEL
Intermediate workings
1" = 40' 1-30-56
U.M.S.



COMPOSITE E-W SECTION LOOKING NORTH



808 RAISE
Looking West



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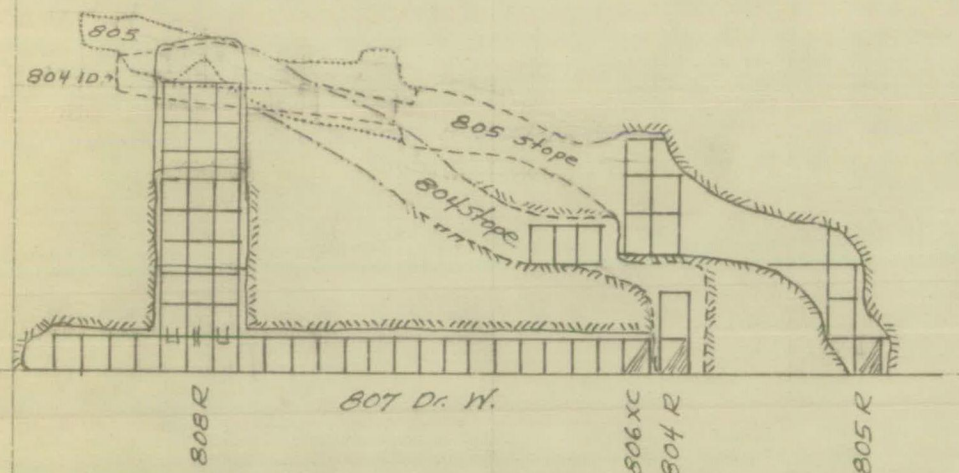
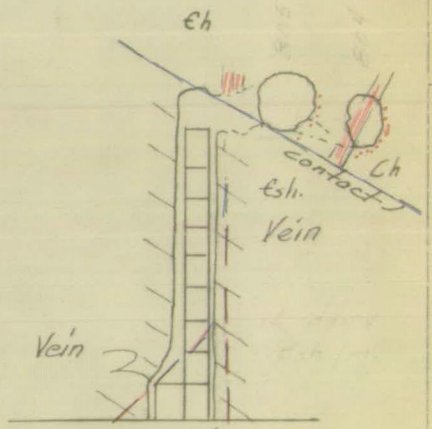
FEB 17 1956

Scratch All Shaft

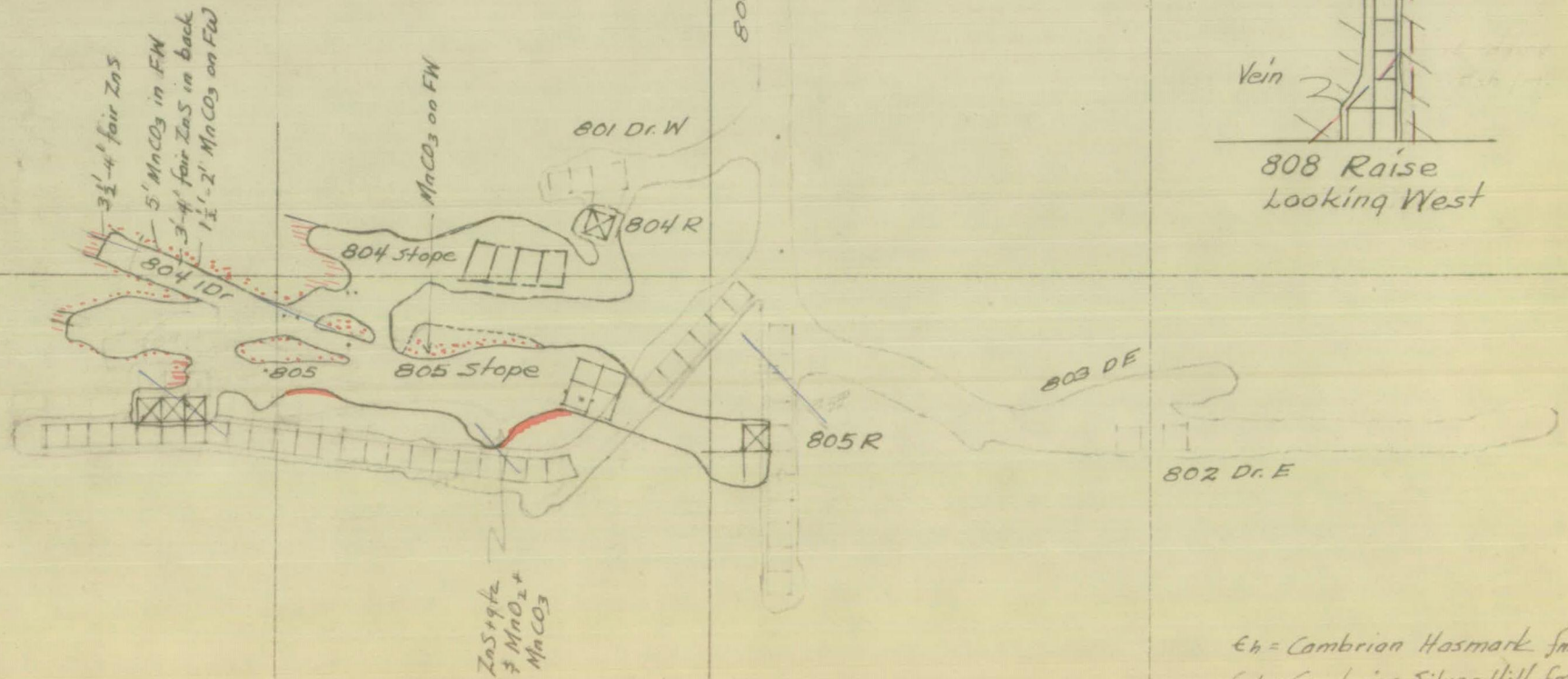
SCRATCH ALL MINE
Philipsburg Dist., Mont.
Intermediate workings above
800-Foot Level
1" = 40' 12-30-55



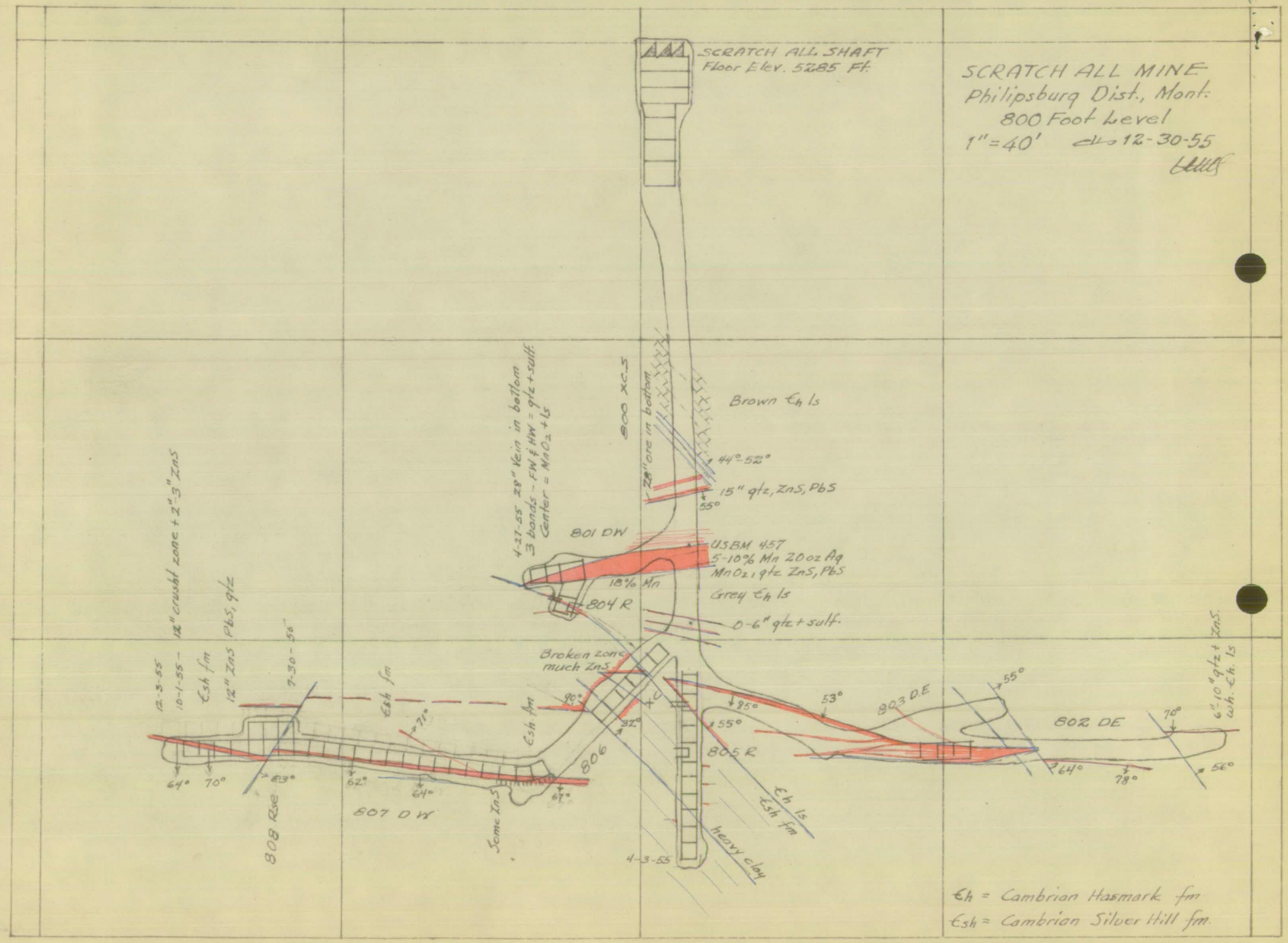
COMPOSITE E-W SECTION LOOKING NORTH



808 Raise
Looking West



Єh = Cambrian Hasmark fm.
Єsh = Cambrian Silver Hill fm.


SCRATCH ALL MINE
Philipsburg Dist., Mont.
800 Foot Level
1" = 40'
12-30-55
SCRATCH ALL SHAFT
Floor Elev. 5285 Ft.
Brown Ꞓh ls
44°-52°
15" qtz, ZnS, PbS
55°
800 XC.S
28" ore in bottom
4-27-55 28" Vein in bottom
3 bands - FW & HW = qtz + sulf.
Center = MnO2 + ls
801 DW
USBM 4.57
5-10% Mn 20 oz Ag
MnO2, qtz ZnS, PbS
18% Mn
804 R
Grey Ꞓh ls
0-6" qtz + sulf.
12" crushl zone + 2"-3" ZnS
12-3-55
10-1-55
Ꞓsh fm
12" ZnS PbS, qtz
7-30-56
Broken zone much ZnS
90°
32°
71°
85°
55°
53°
803 DE
802 DE
70°
6"-10" qtz + ZnS
wh. Ꞓh ls
64°
70°
83°
62°
64°
67°
806
805 R
64°
78°
56°
808 Rise
807 DW
Some ZnS
Ꞓh ls
Ꞓsh fm
heavy clay
4-3-55
Ꞓh = Cambrian Hasmark fm
Ꞓsh = Cambrian Silver Hill fm.

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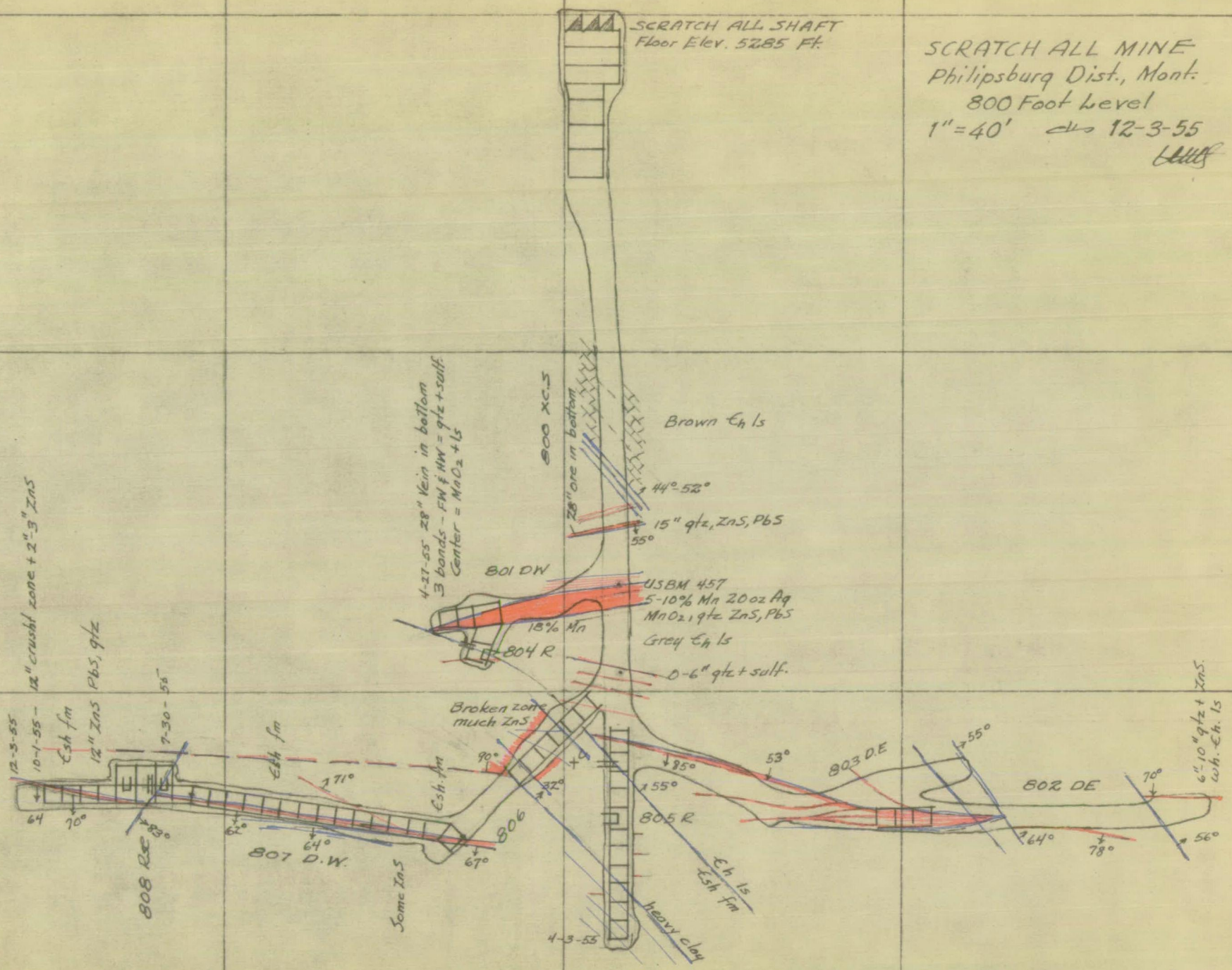
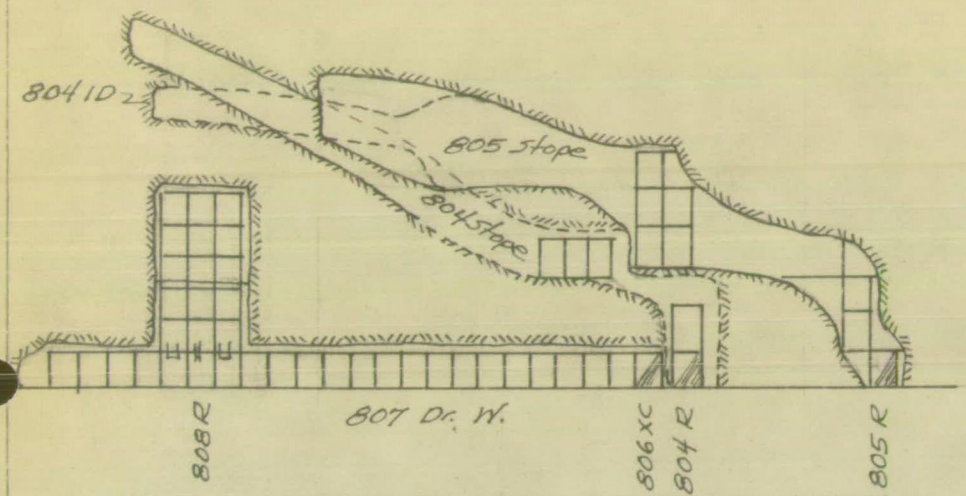
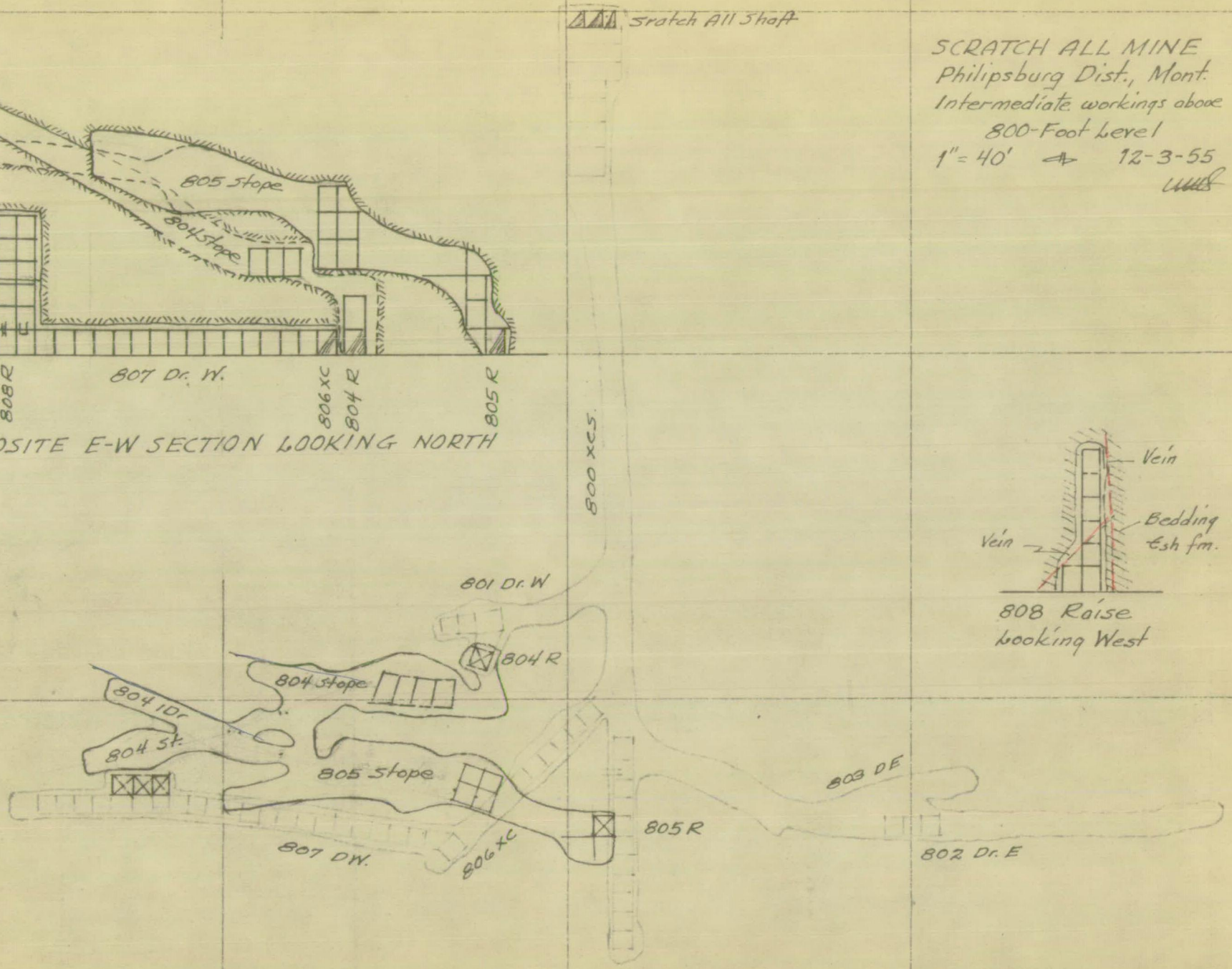
JAN 20 1956


SCRATCH ALL SHAFT
Floor Elev. 5285 Ft.
SCRATCH ALL MINE
Philipsburg Dist., Mont.
800 Foot Level
1" = 40'
12-3-55
Brown Ꞓh ls
44°-52°
15" qtz, ZnS, PbS
55°
USBM 457
5-10% Mn 20 oz Ag
MnO2, qtz ZnS, PbS
Grey Ꞓh ls
0-6" qtz + sulf.
800 XC.S
28" ore in bottom
4-27-55 28" Vein in bottom
3 bands - FW & HW = qtz + sulf.
Center = MnO2 + ls
801 DW
18% Mn
804 R
Broken zone much ZnS
90°
32°
95°
155°
53°
803 DE
55°
802 DE
70°
64°
78°
56°
6"-10" qtz + ZnS wh. Ꞓh. ls
805 R
Ꞓh ls
Ꞓsh fm
heavy clay
4-3-55
806
67°
Some ZnS
807 D.W.
62°
64°
71°
Ꞓsh fm
Ꞓsh. fm
808 Rse
83°
12-3-55
10-1-55
Ꞓsh fm
12" ZnS PbS, qtz
7-30-55
12" crushd zone + 2"-3" ZnS
64
70°
Ꞓh = Cambrian Hasmark fm.
Ꞓsh = Cambrian Silver Hill fm.

SCRATCH ALL MINE
Philipsburg Dist., Mont.
Intermediate workings above
800-Foot Level
1" = 40' 12-3-55



COMPOSITE E-W SECTION LOOKING NORTH



808 Raise
looking West

Eh = Cambrian Hasmark fm.
Esh = Cambrian Silver Hill fm.

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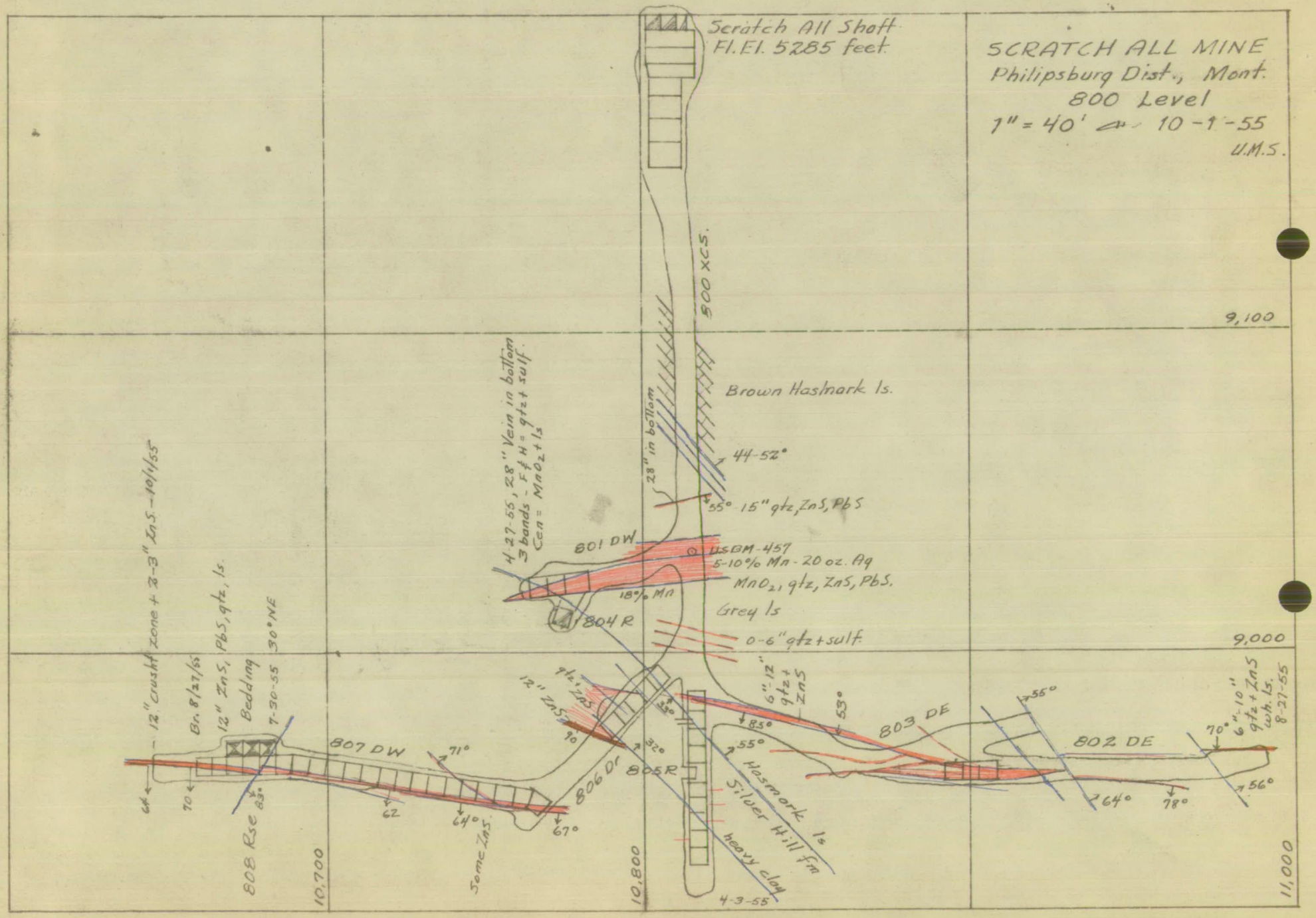
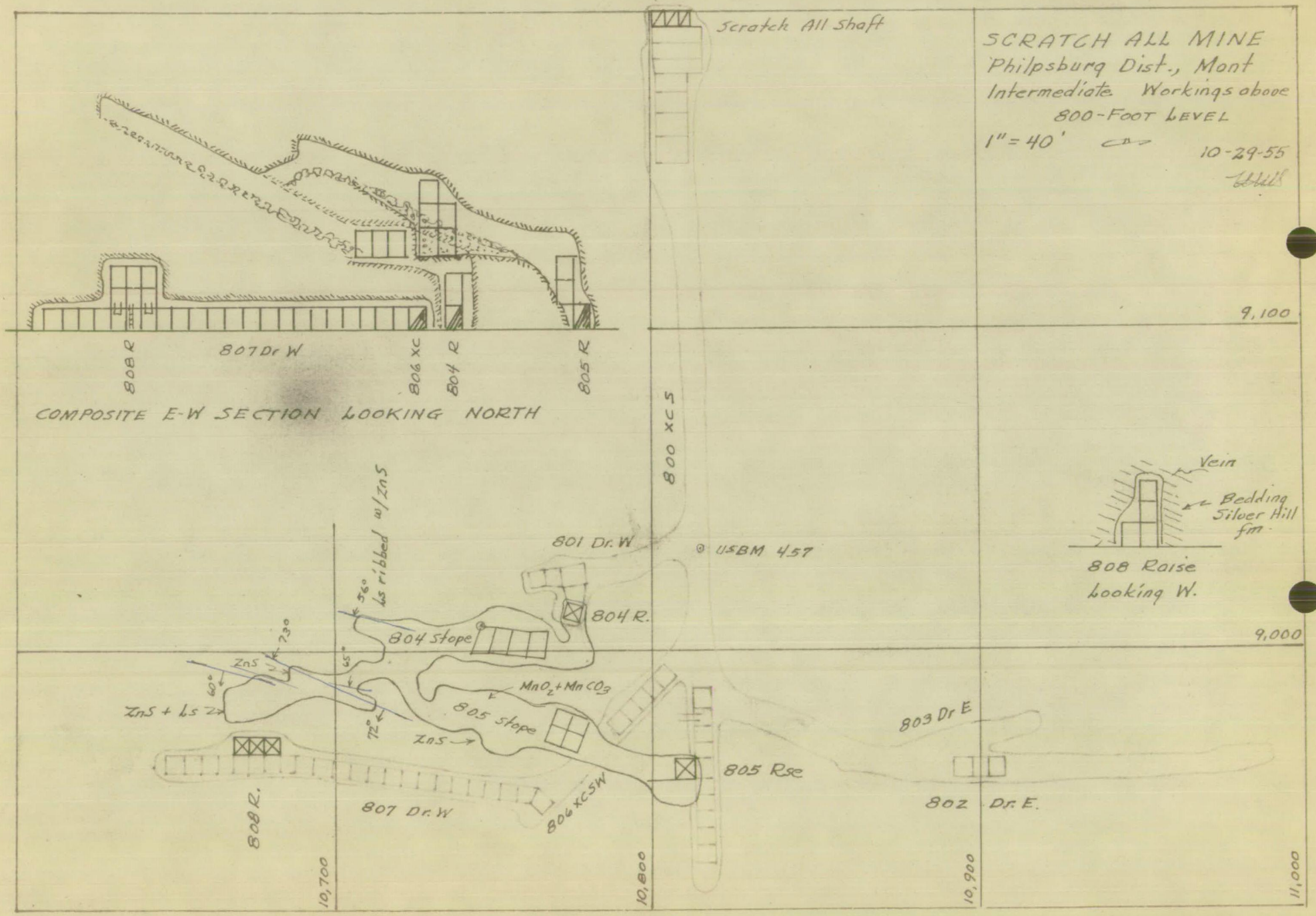
DEC 16 1955


SCRATCH ALL MINE
Philipsburg Dist., Mont.
800 Level
1" = 40'
10-1-55
U.M.S.
Scratch All Shaft
Fl. El. 5285 feet
800 XCS.
9,100
Brown Hasmark ls.
44-52°
28" in bottom
55° 15" qtz, ZnS, PbS
801 DW
USBM-457
5-10% Mn - 20 oz. Ag
MnO2, qtz, ZnS, PbS.
18% Mn
4-27-55, 28" Vein in bottom
3 bands - F & H = qtz + sulf.
Cen = MnO2 + ls
804 R
Grey ls
0-6" qtz + sulf.
9,000
12" crush zone + 2-3" ZnS - 10/4/55
Br. 8/27/55
12" ZnS, PbS, qtz, ls.
Bedding
7-30-55
30° NE
807 DW
71°
12" ZnS
qtz + ZnS
90
32°
33°
806 DI
805 R
6", 12" qtz + ZnS
53°
85°
55°
803 DE
802 DE
55°
70°
6"-10" qtz + ZnS wh. ls. 8-27-55
Hasmark ls
Silver Hill fm
heavy clay
4-3-55
64
70
83°
808 Rse
62
64°
67°
Some ZnS
10,700
10,800
64°
78°
56°
11,000


SCRATCH ALL MINE
Philpsburg Dist., Mont
Intermediate Workings above
800-FOOT LEVEL
1" = 40'
10-29-55
Scratch All Shaft
808 R
807 Dr W
806 XC
804 R
805 R
COMPOSITE E-W SECTION LOOKING NORTH
800 XCS
801 Dr. W
USBM 457
804 R.
804 Stope
56° Ls ribbed w/ ZnS
23°
ZnS
60°
ZnS + Ls
65°
72°
ZnS
MnO2 + MnCO3
805 Stope
805 Rse
803 Dr E
802 Dr. E.
808 R.
807 Dr. W
806 XCSW
Vein
Bedding
Silver Hill fm.
808 Raise
Looking W.
9,100
9,000
10,700
10,800
10,900
11,000

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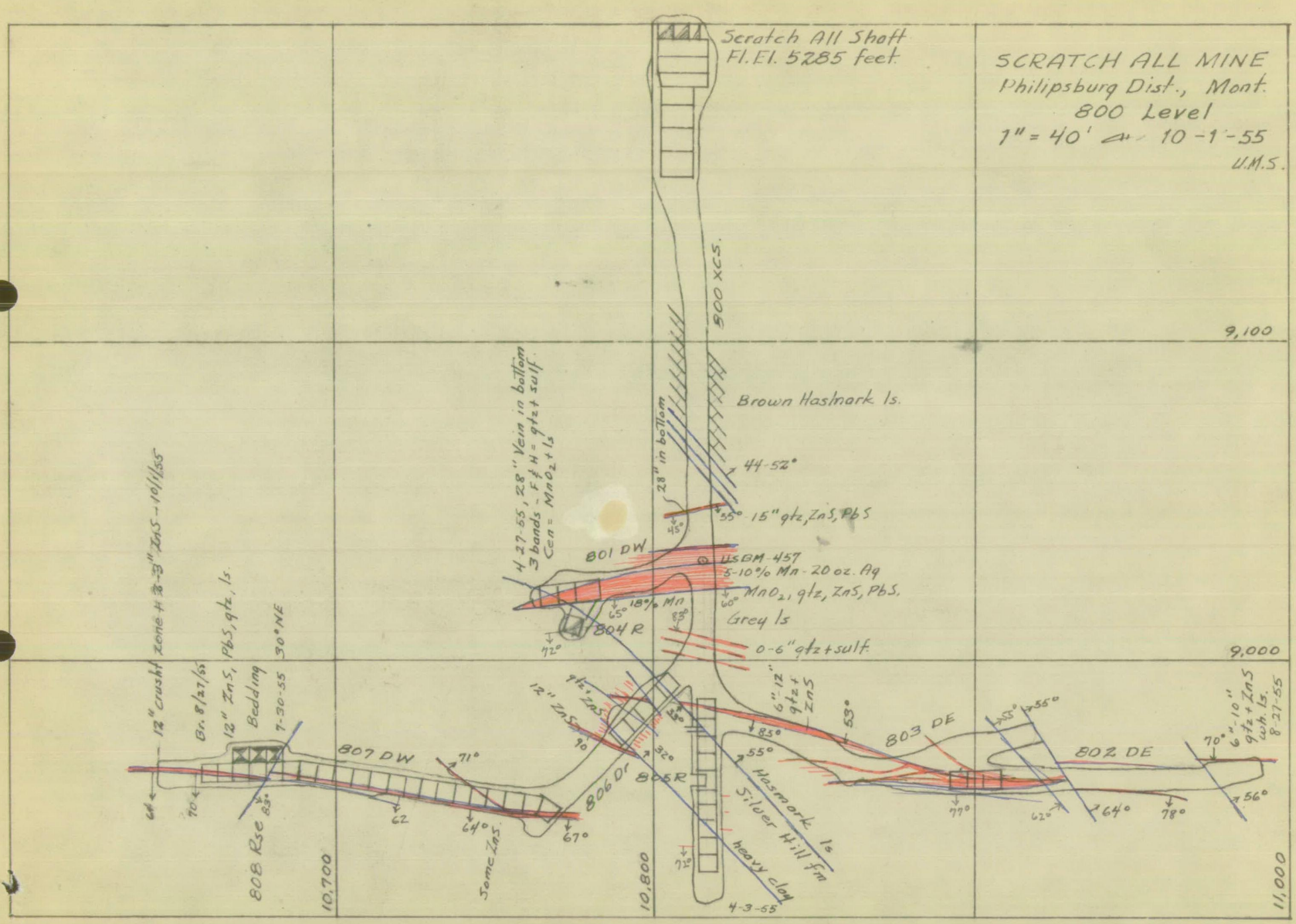
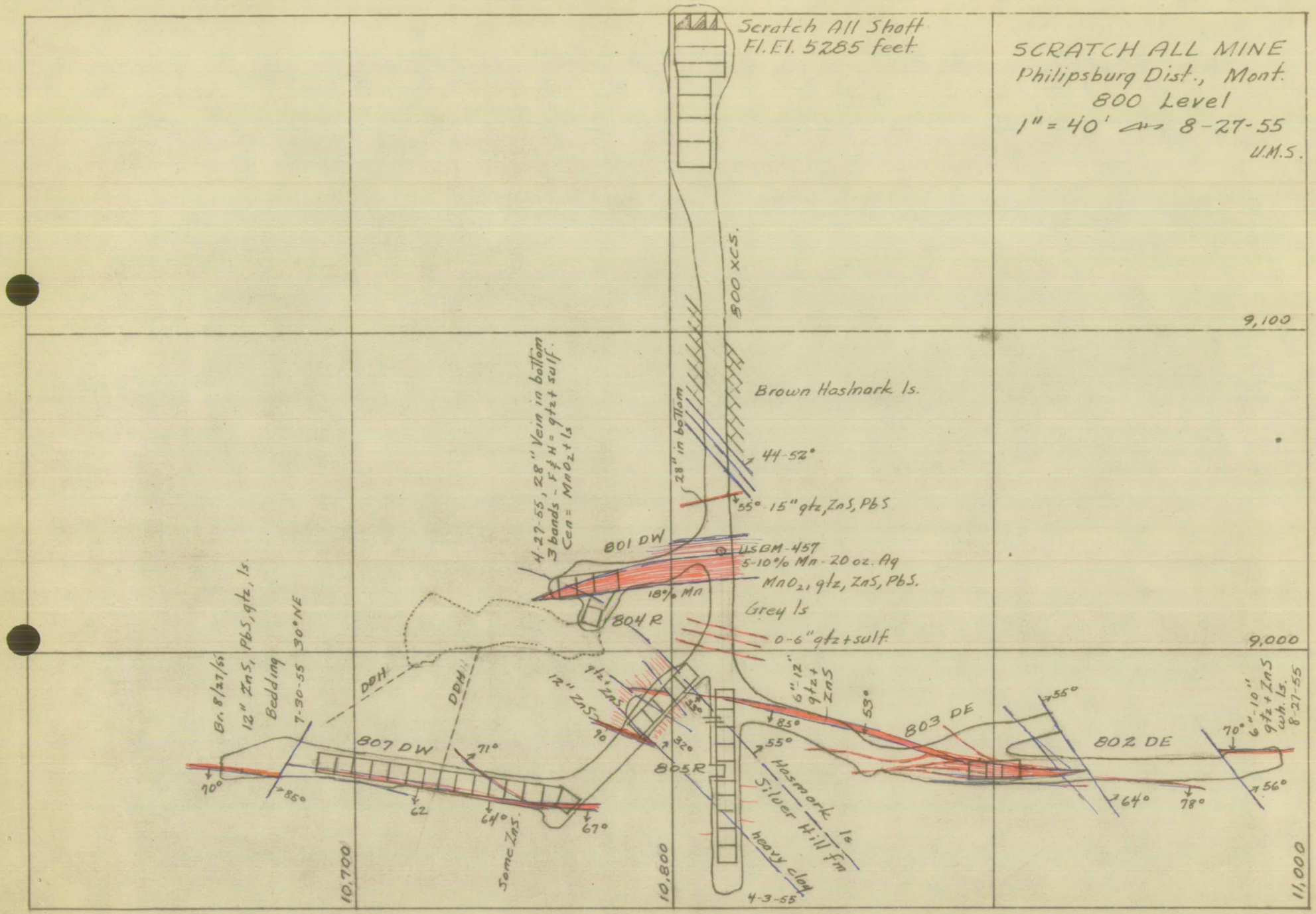
NOV 28 1955


SCRATCH ALL MINE
Philipsburg Dist., Mont.
800 Level
1" = 40' 10-1-55
U.M.S.
Scratch All Shaft
Fl. El. 5285 feet
800 XCS.
Brown Hasmark ls.
44-52°
28" in bottom
15" qtz, ZnS, PbS
801 DW
USBM-457
5-10% Mn - 20 oz. Ag
MnO2, qtz, ZnS, PbS.
Grey ls
0-6" qtz + sulf.
4-27-55, 28" Vein in bottom
3 bands - F & H = qtz + sulf.
Cen = MnO2 + ls
18% Mn
804 R
12" crushf zone + 3" ZnS - 10/1/55
Gr. 8/27/55
12" ZnS, PbS, qtz, ls.
Bedding
7-30-55
30° NE
807 DW
808 Rse
12" ZnS
806 D'
805 R
Some ZnS
6"-12" qtz + ZnS
803 DE
802 DE
6"-10" qtz + ZnS wh. ls. 8-27-55
Hasmark ls
Silver Hill fm
heavy clay
4-3-55
9,100
9,000
10,700
10,800
11,000


SCRATCH ALL MINE
Philipsburg Dist., Mont.
800 Level
1" = 40' 8-27-55
U.M.S.
Scratch All Shaft
Fl. El. 5285 feet
800 XCS.
9,100
Brown Hasmark ls.
44-52°
28" in bottom
55° 15" qtz, ZnS, PbS
4-27-55, 28" Vein in bottom
3 bands - F & H = qtz + sulf.
Cen = MnO2 + ls
801 DW
USGM-457
5-10% Mn - 20 oz. Ag
MnO2, qtz, ZnS, PbS.
18% Mn
804 R
Grey ls
0-6" qtz + sulf.
9,000
Br. 8/27/55
12" ZnS, PbS, qtz, ls.
Bedding
7-30-55
30° NE
DDH
DDH
807 DW
71°
70°
85°
62
64°
67°
Some ZnS.
12" ZnS
qtz + ZnS
90
32°
805 R
6"-12" qtz + ZnS
53°
85°
55°
Hasmark ls
Silver Hill fm
heavy clay
4-3-55
803 DE
55°
802 DE
70°
64°
78°
56°
6"-10" qtz + ZnS wh. ls.
8-27-55
10,700
10,800
11,000

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SEP 1 9 1955

SCRATCH ALL MINE
Philipsburg Dist. Mont.
805 Raise and Stope.
Scale: 1 inch = 20 feet.

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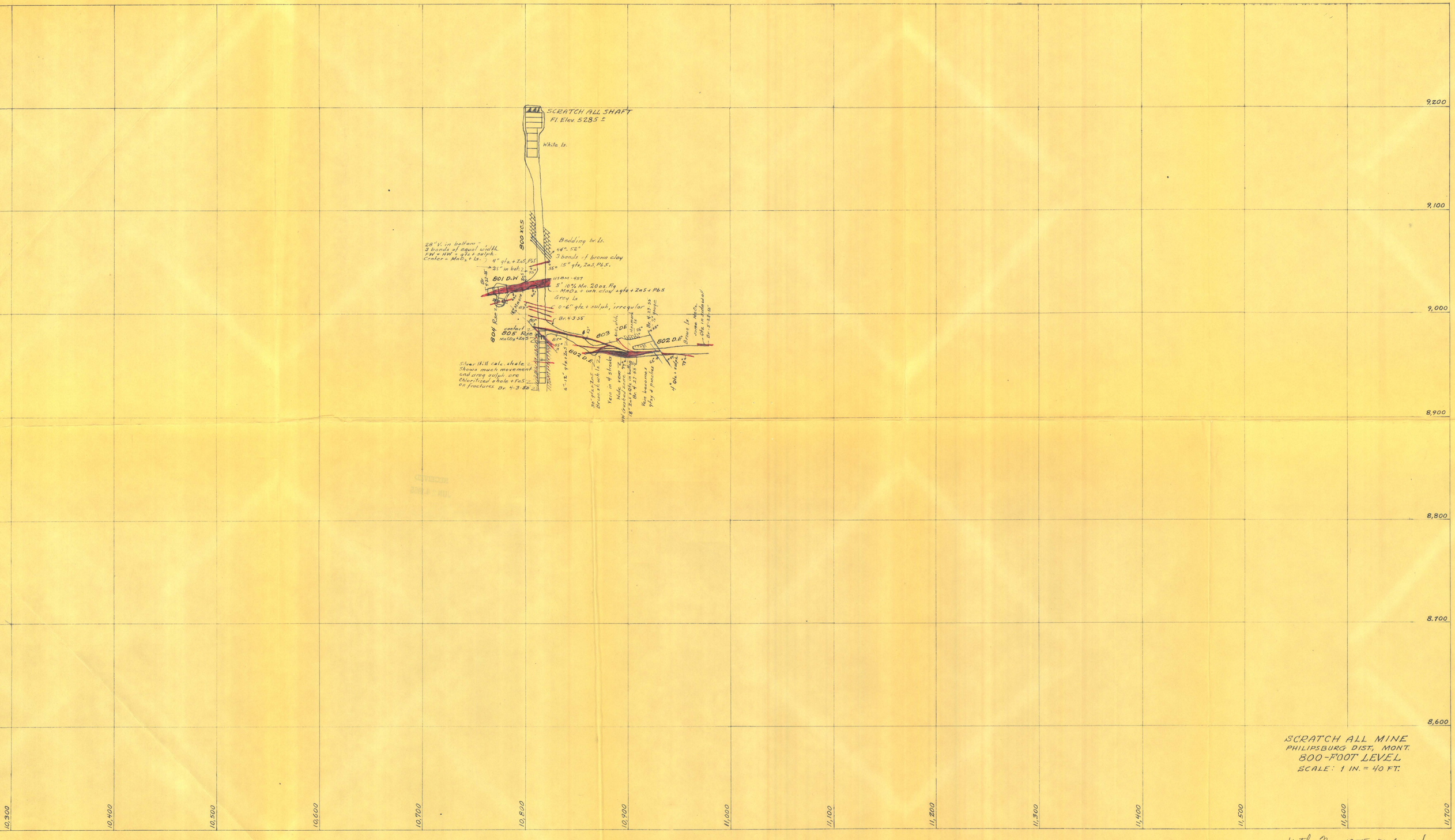
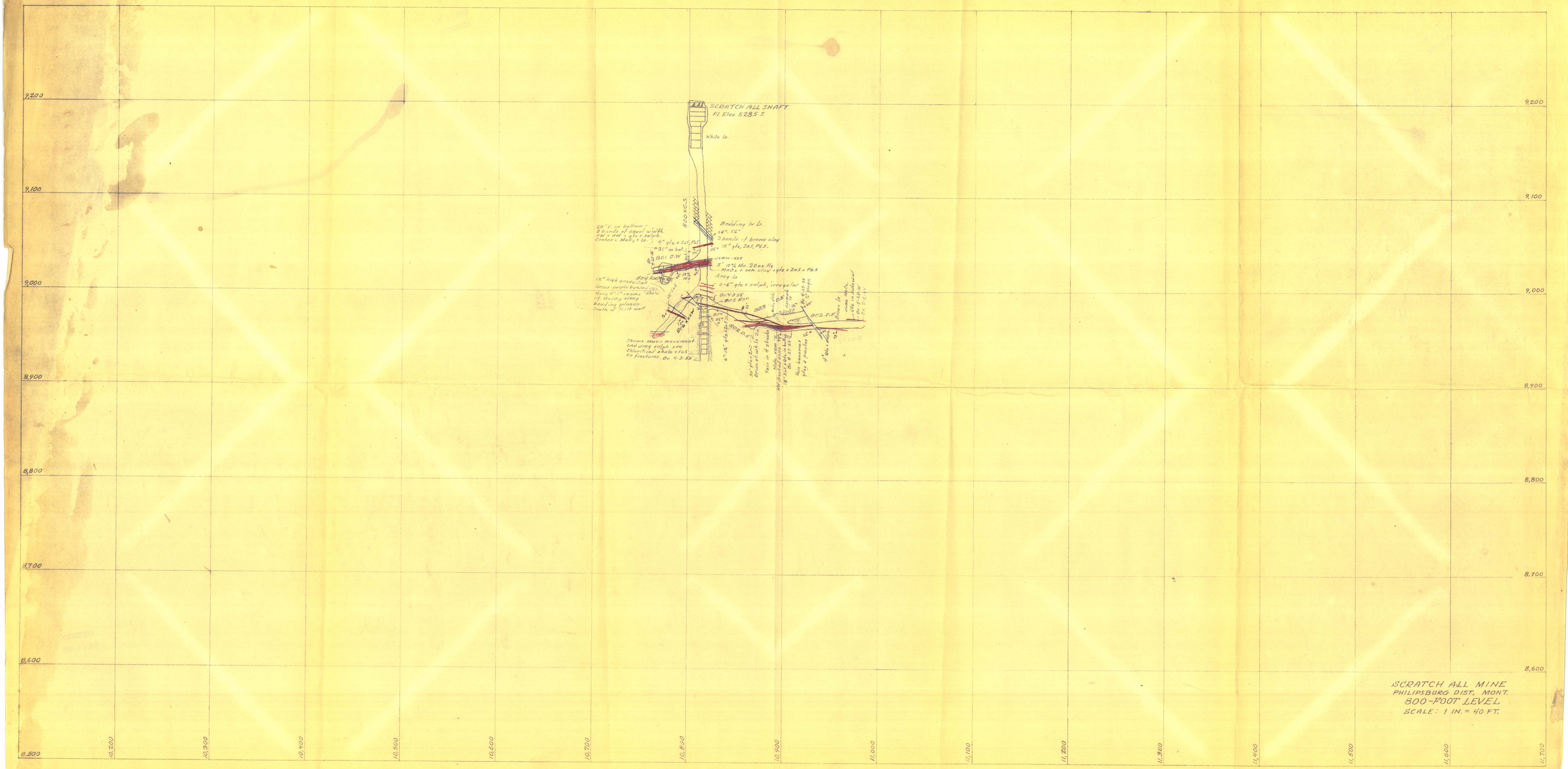
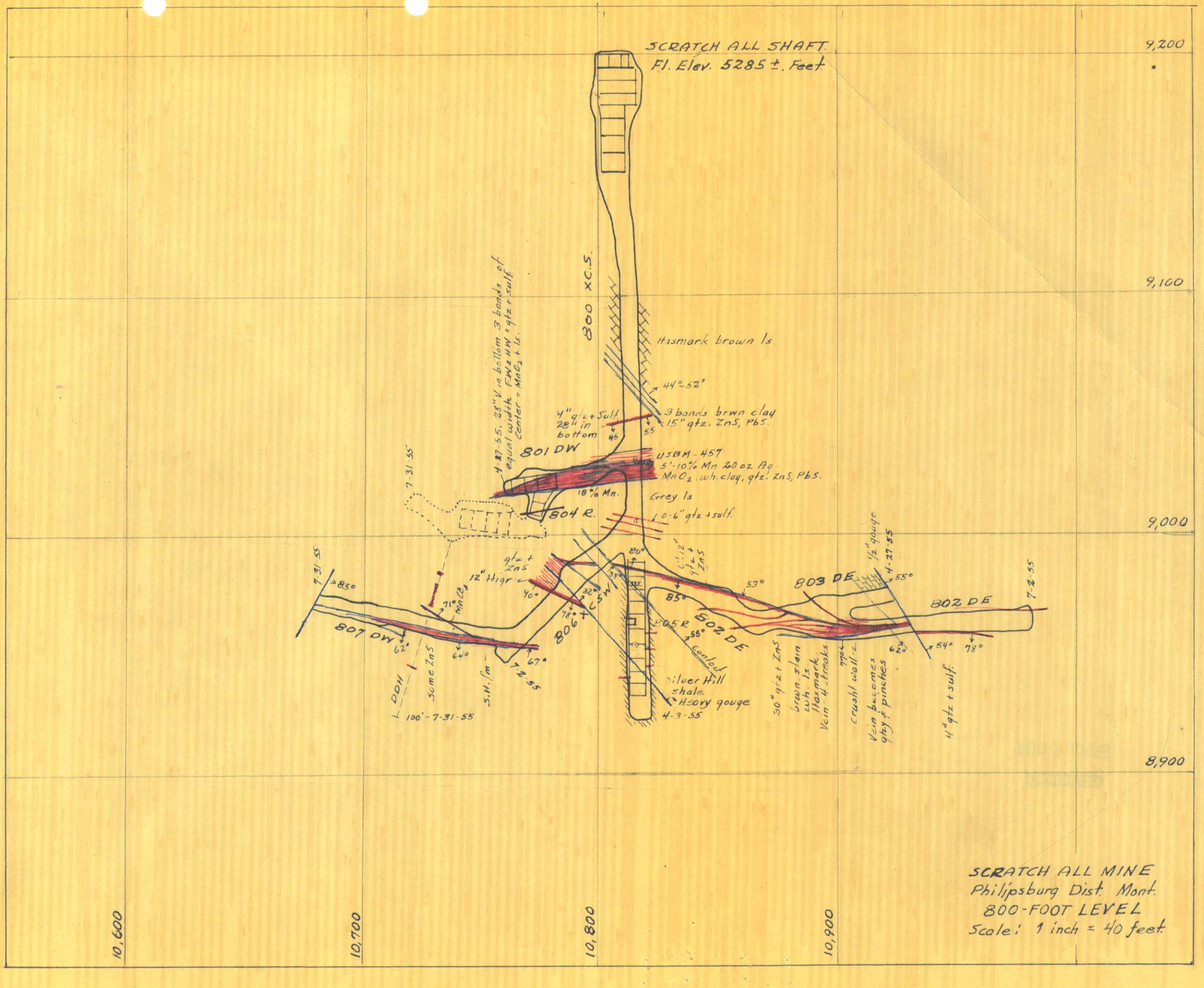
AUG 26 1955



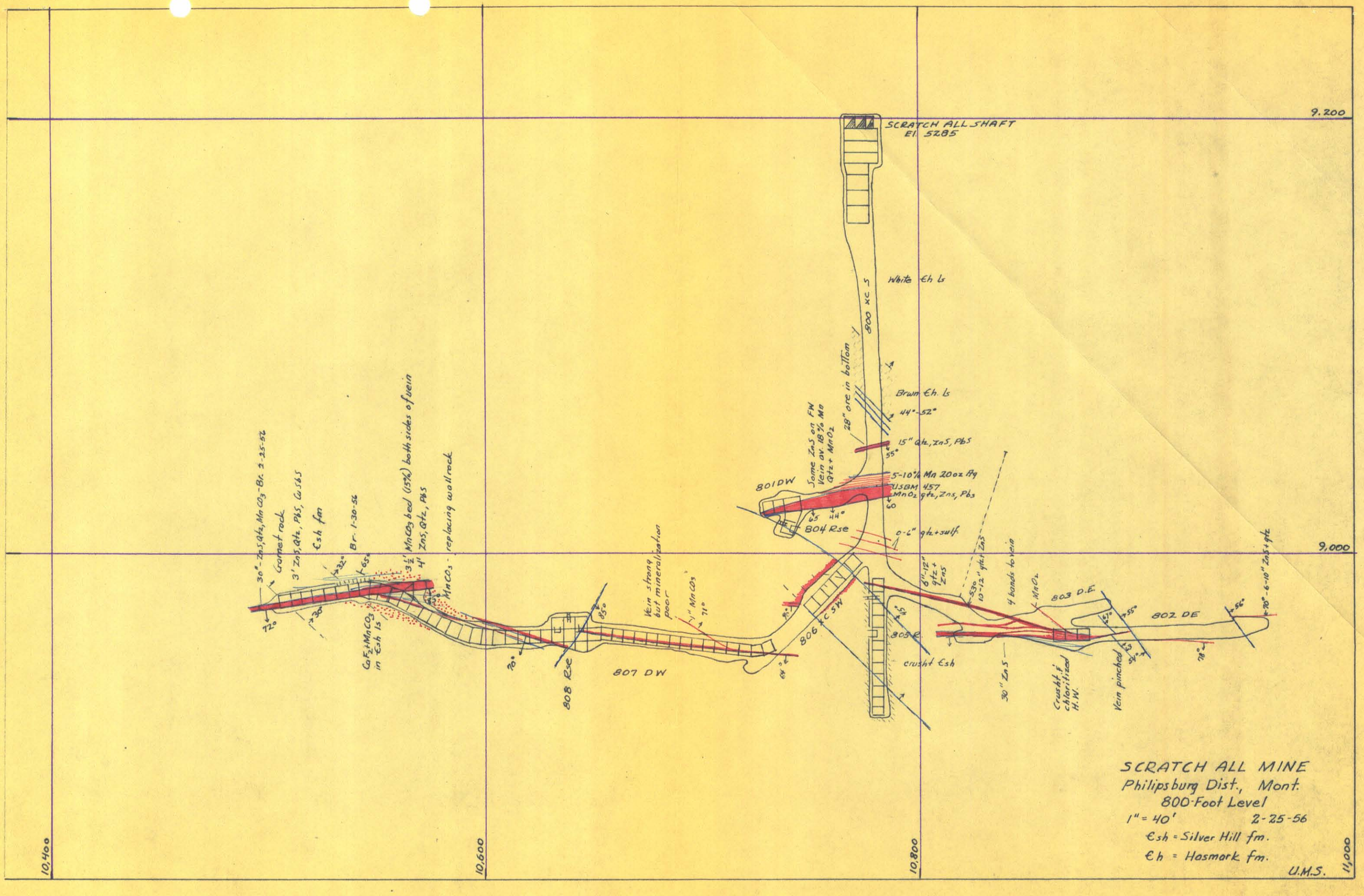
SCRATCH ALL MINE
PHILIPSBURG DIST., MONT.
800-FOOT LEVEL
SCALE: 1 IN. = 40 FT.

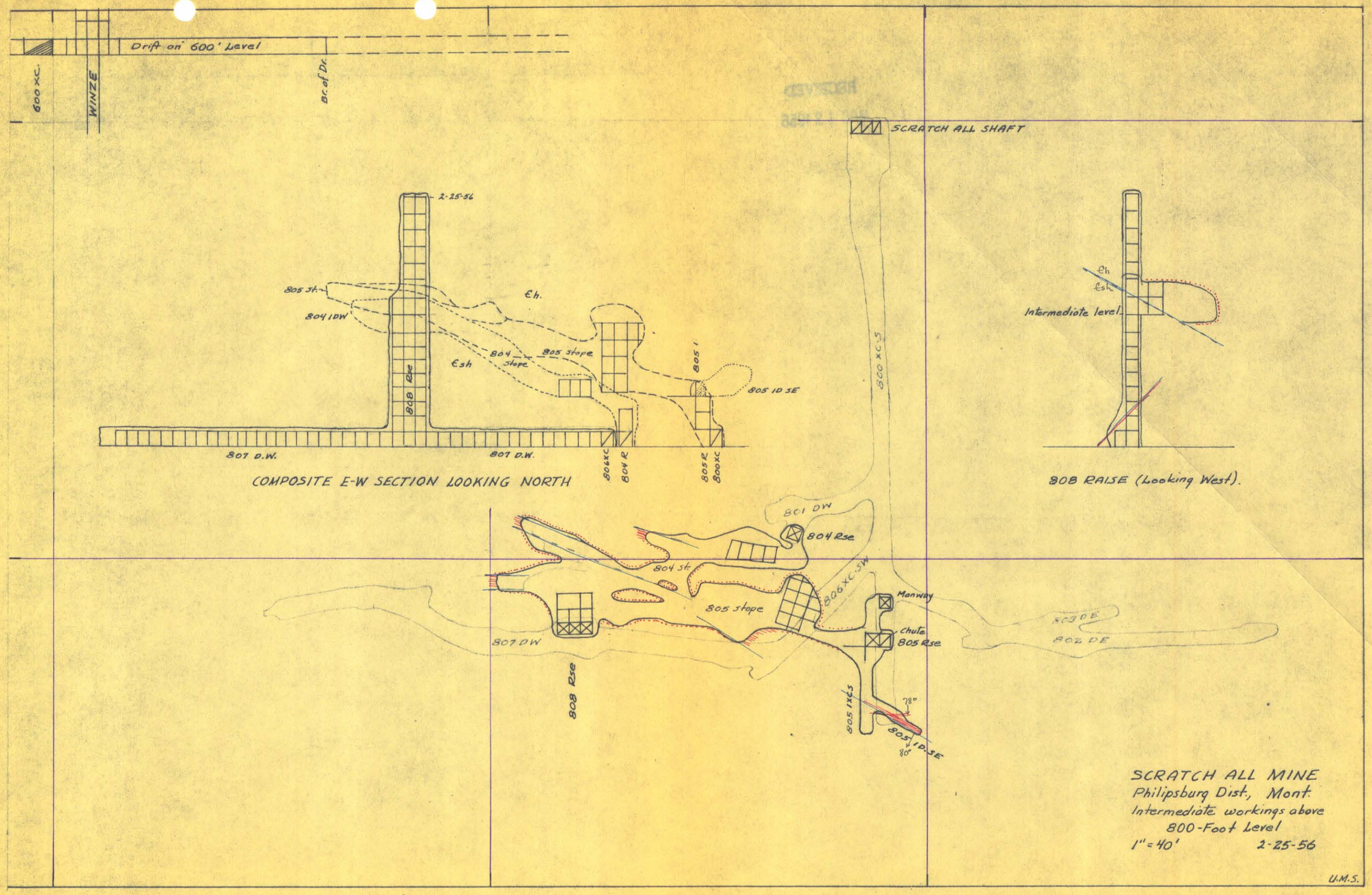
With May 1955 Mf-104

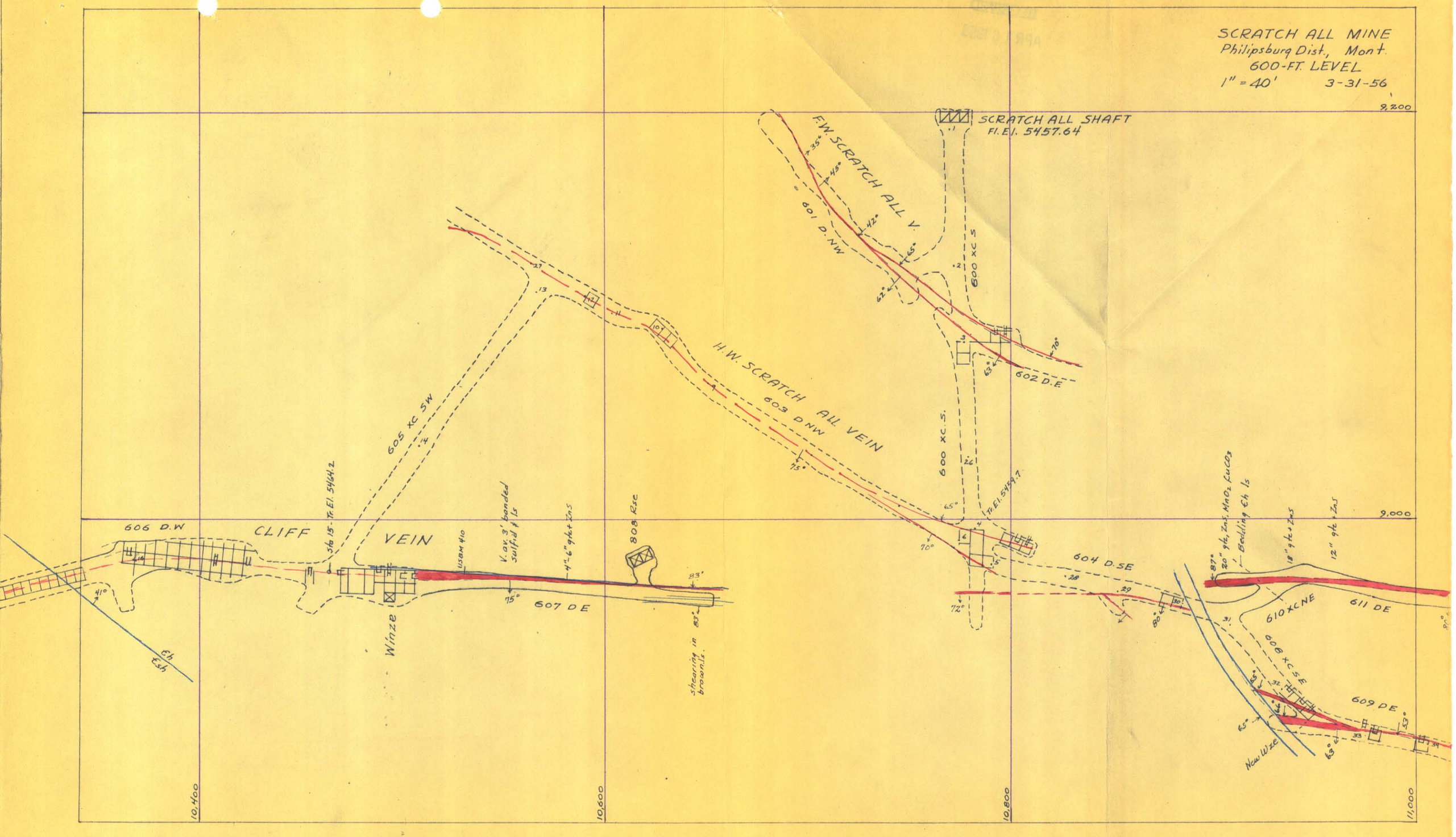

9,200
9,100
9,000
8,900
8,800
8,700
8,600
8,500
10,200
10,300
10,400
10,500
10,600
10,700
10,800
10,900
11,000
11,100
11,200
11,300
11,400
11,500
11,600
11,700
SCRATCH ALL SHAFT
Fl. Elev. 5285 ±
White ls.
800 XC-S
Bedding br ls.
14"-52"
3 bands of brown clay
55" 16" qtz, ZnS, PbS.
USAM-457
5' 10% Mn. 20 oz. Ag
MnO2 + wh. clay + qtz + ZnS + PbS
Grey ls.
0-6" qtz + sulph, irregular
BC-4-3-55
BC6 R-2
B09
B02 D.P.
B01 D.W.
B04 Rock
Shows much movement and grey sulph. ore
Chloritized shale + FeS
in fractures Br. 4-3-55
Vein in shale
Hole caved
Br. 4-27-55
Br. 4-27-55
Has become
clay + pinches
Br. 5-2-55
Br. 5-2-55
Br. 5-2-55
SCRATCH ALL MINE
PHILIPSBURG DIST., MONT.
800-FOOT LEVEL
SCALE: 1 IN. = 40 FT.

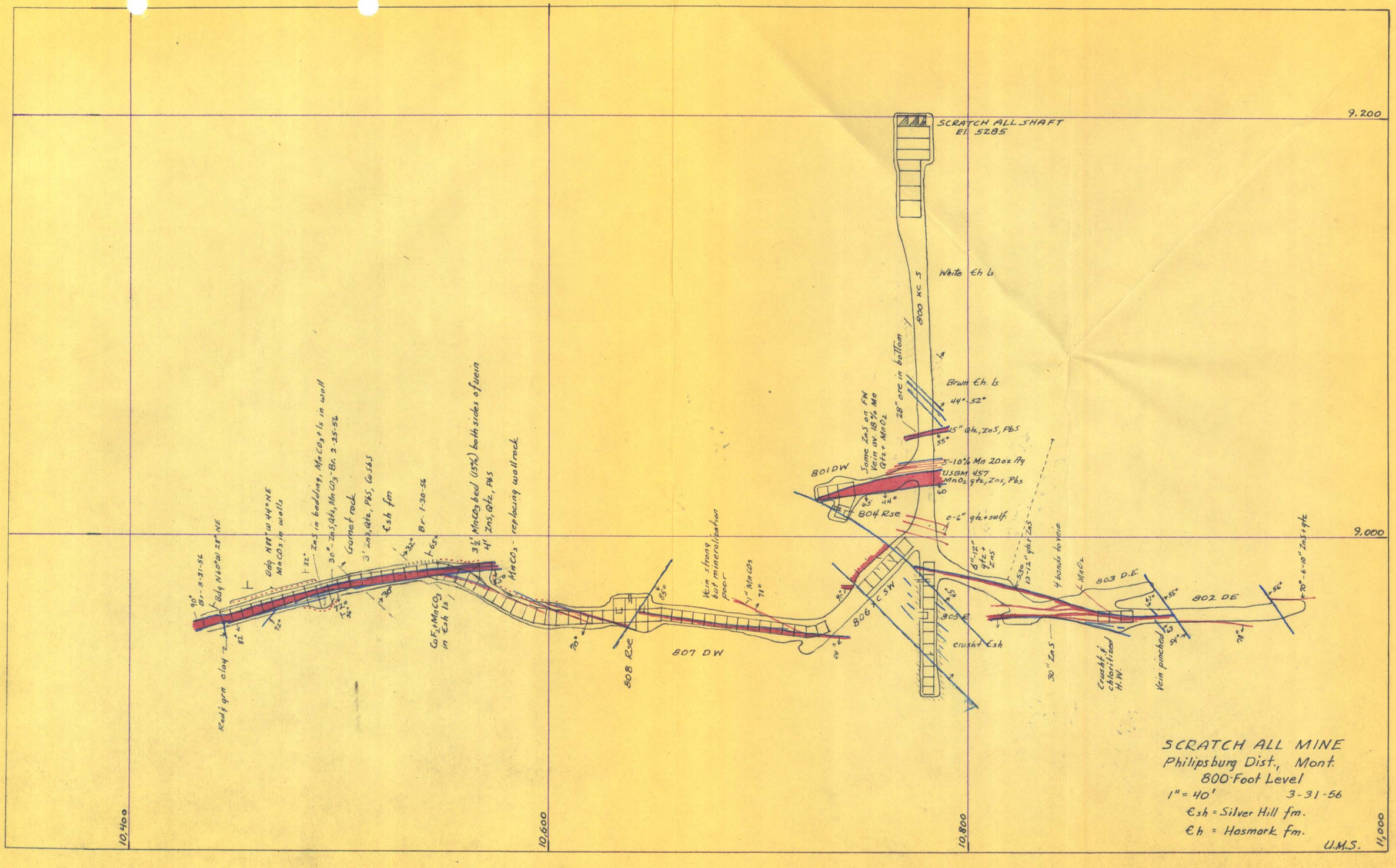


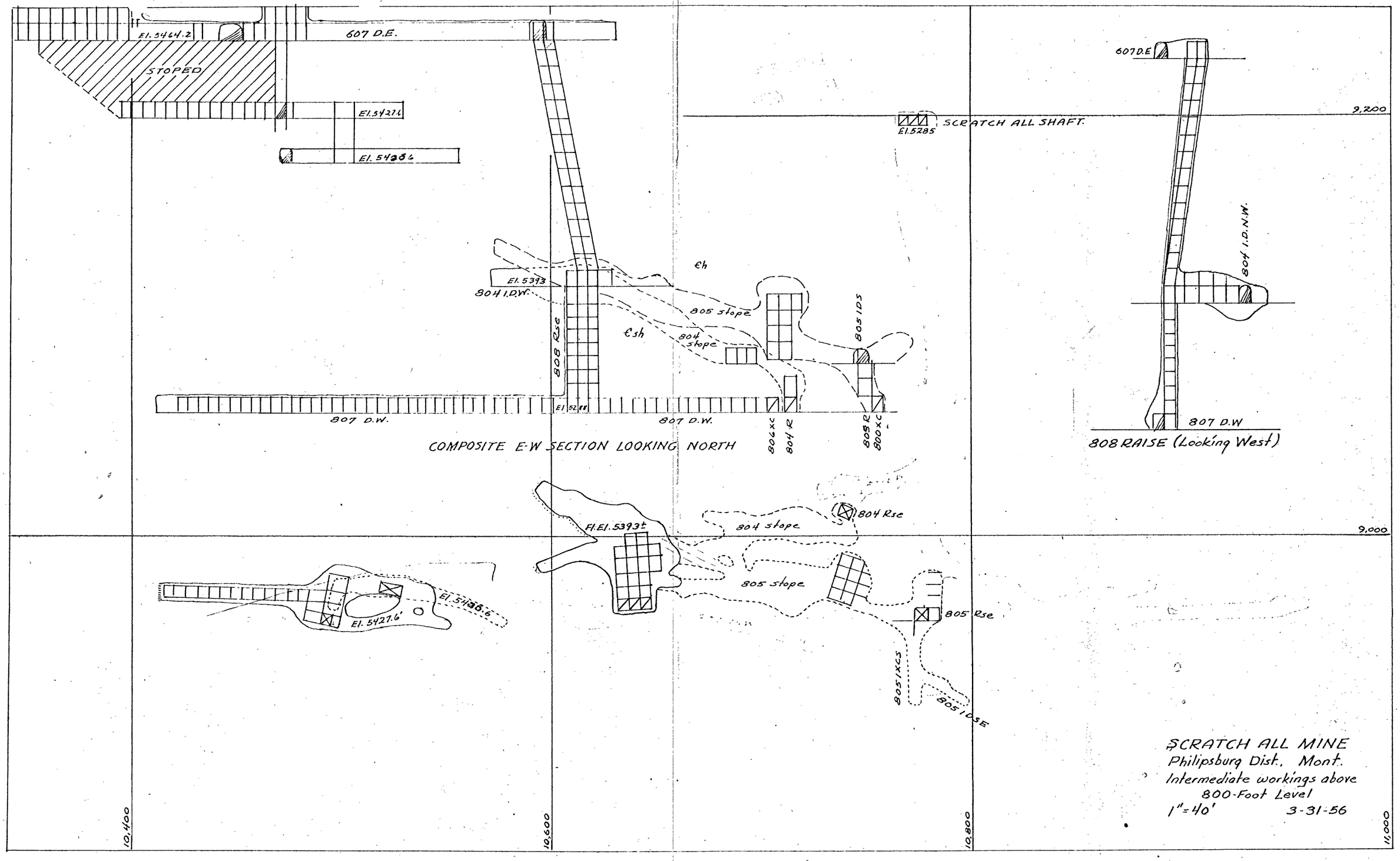
SCRATCH ALL MINE
Philipsburg Dist. Mont.
800-FOOT LEVEL
Scale: 1 inch = 40 feet


9,200
9,000
10,400
10,600
10,800
11,000
SCRATCH ALL SHAFT
El. 5285
White Eh. ls
800 XC S
Brwn Eh. ls
44°-52°
28" ore in bottom
15" Qtz, ZnS, PbS
55°
5-10% Mn 20 oz Ag
USBM 457
MnO2 qtz, Zns, Pbs
60
Some ZnS on FW
Vein av. 18% Mn
Qtz + MnO2
801 DW
65
44°
804 Rse
0-6" qtz + sulf.
30"-Zns, qtz, MnCO3-Br. 1-25-56
Garnet rock
3' ZnS, Qtz, PbS, GaS
Esh fm
Br. 1-30-56
32°
65°
72°
30°
3½' MnCO3 bed (15%) both sides of vein
4' ZnS, Qtz, PbS
MnCO3 - replacing wallrock
CaF2 + MnCO3 in Esh ls
85°
70°
808 Rse
807 DW
Vein strong but mineralization poor
1" MnCO3
71°
64°
806 XC SW
9°
8"-12" qtz + ZnS
53°
10-12" qtz + ZnS
4 bands to vein
MnO2
805 R
crusht Esh
30" ZnS
803 D.E.
67°
55°
802 DE
56°
70°-6-10" ZnS + qtz
Crusht & chloritized H.W.
Vein pinched
43
54°
78°
SCRATCH ALL MINE
Philipsburg Dist., Mont.
800-Foot Level
1" = 40'
2-25-56
Esh = Silver Hill fm.
Eh = Hasmark fm.
U.M.S.

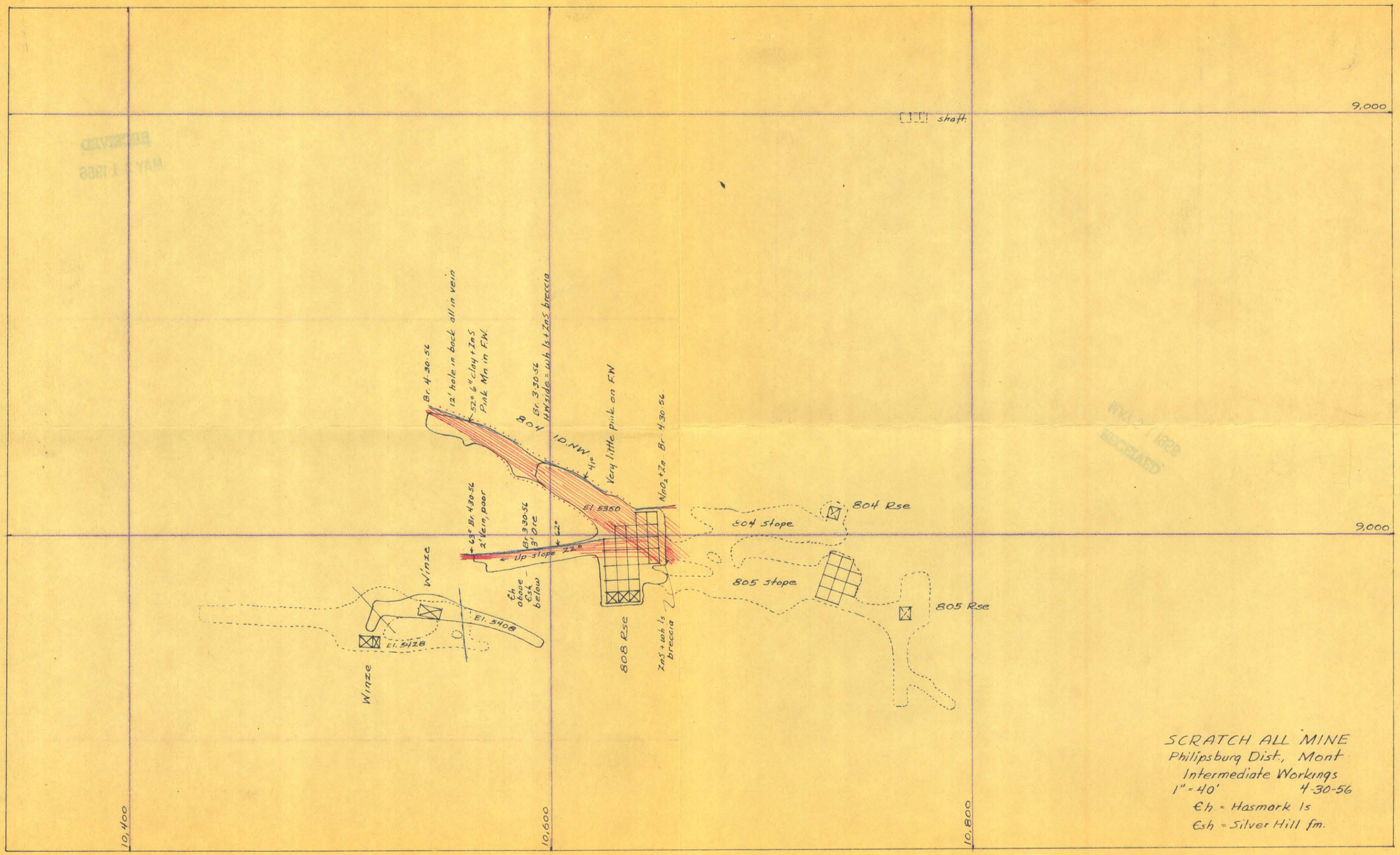

Drift on 600' Level
600 XC.
WINZE
Bc. of Dr.
SCRATCH ALL SHAFT
2-25-56
805 St.
804 DW
Eh.
Esh
804 stope
805 stope
808 Rse
805 1
805 1D SE
807 D.W.
807 D.W.
806XC
804 R
805 R
800XC
800 XC.S
COMPOSITE E-W SECTION LOOKING NORTH
Eh
Esh
Intermediate level
808 RAISE (Looking West).
801 DW
804 Rse
804 St
805 stope
806XC.SW
Manway
Chute
805 Rse
807 DW
808 Rse
805 1XCS
78°
80°
805 1D SE
803 DE
802 DE
SCRATCH ALL MINE
Philipsburg Dist., Mont.
Intermediate workings above
800-Foot Level
1" = 40'
2-25-56
U.M.S.

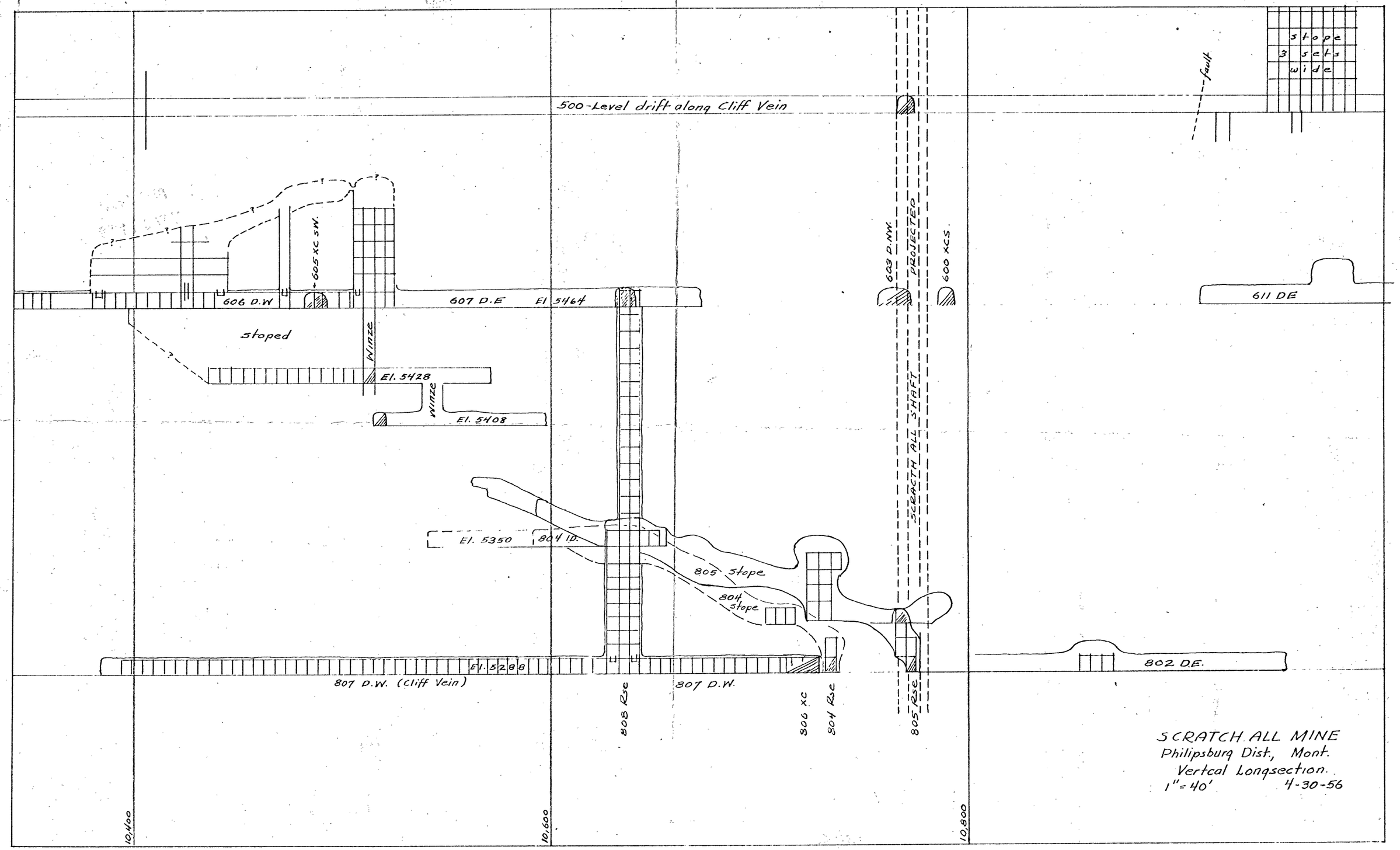

SCRATCH ALL MINE
Philipsburg Dist., Mont.
600-FT. LEVEL
1" = 40'
3-31-56
9,200
SCRATCH ALL SHAFT
Fl. El. 5457.64
F.W. SCRATCH ALL V.
601 D.NW
600 XC S
602 D.E
H.W. SCRATCH ALL VEIN
603 D.NW
600 XC.S.
Tr. El. 5459.7
605 XC SW
606 D.W
CLIFF
VEIN
Sta 15 - Tr. El. 5464.2
Winze
USBM 410
V. av. 3' banded sulfid & ls
4'-6" qtz + Zn S
808 Rse
607 DE
shearing in brown ls.
Eh
Esh
604 D.SE
610 XCNE
611 DE
608 XCSE
609 DE
New Wze
20" qtz, Zn S, MnO2 fucds
Bedding Eh ls
18" qtz + Zn S
12" qtz + Zn S
9,000
10,400
10,600
10,800
11,000

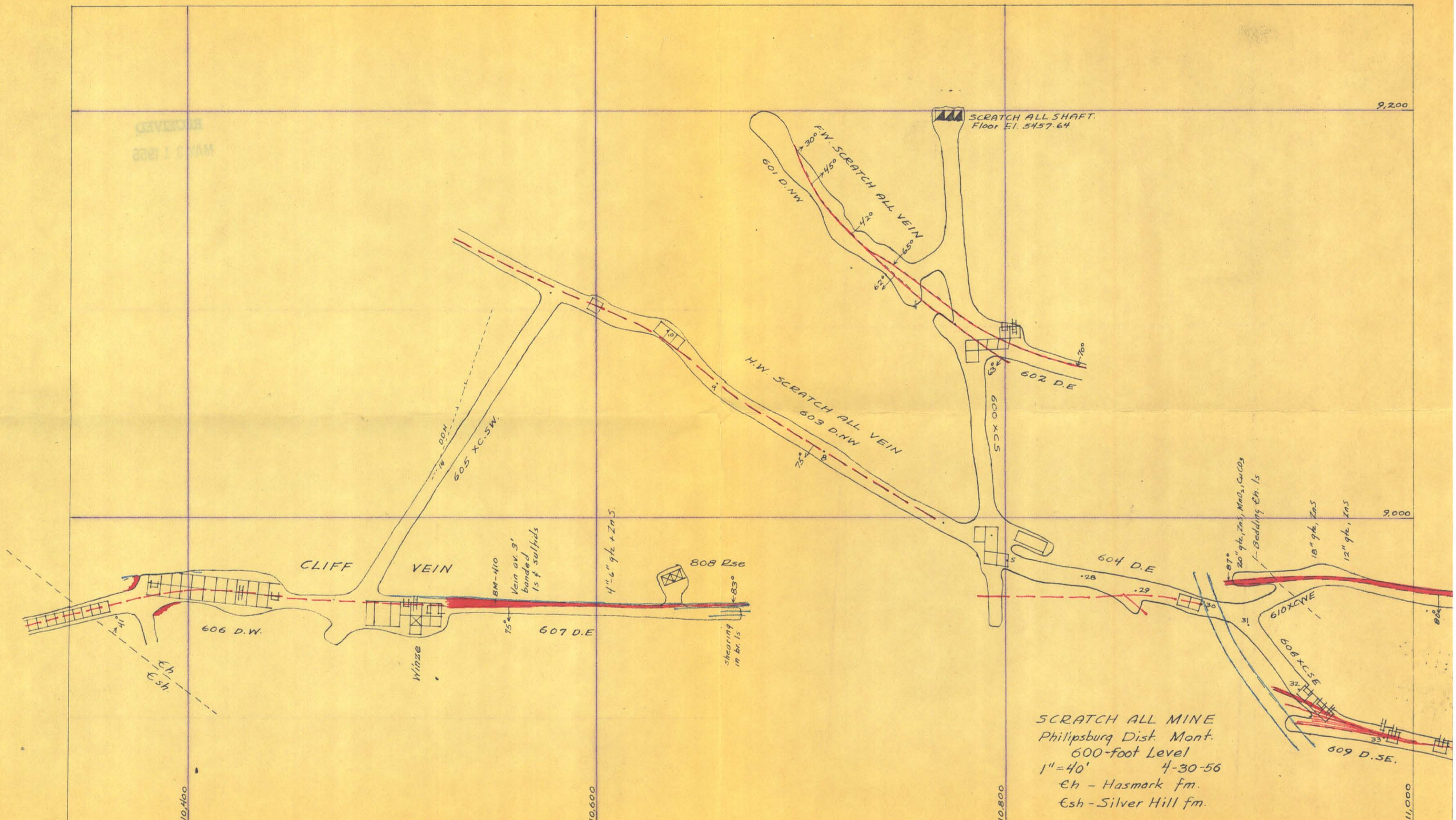

SCRATCH ALL SHAFT
El. 5285
9.200
9,000
10,400
10,600
10,800
11,000
800 XC S
White Ch ls
Brown Ch. ls
44°-52°
28" ore in bottom
15" Qtz., ZnS, PbS
55°
5-10% Mn 20 oz Ag
USBM 457
MnO2 qtz, Zns, Pbs
60
Some ZnS on FW
Vein av. 18% Mn
Qtz + MnO2
801 DW
804 Rse
0-6" qtz+sulf.
8"-12" qtz + ZnS
530
10-12" qtz ZnS
4 bands to vein
MnCl2
803 D.E.
802 DE
6-10" ZnS+qtz
805 R.
806 C SW
crusht Csh
30" ZnS
crusht & chloritized H.W.
Vein pinched
807 DW
808 Rse
Vein strong but mineralization poor
1" MnCO3
71°
Red & grn clay
Bdg N 88° W 44° NE
MnCO3 in walls
Br. 3-31-56
Bdg N 60° W 28° NE
ZnS in bedding, MnCO3
30" ZnS, Qtz, MnCO3 Br. 2-25-56
Garnet rock
3' ZnS, Qtz, PbS, CuSiS
Csh fm
Br. 1-30-56
3½' MnCO3 bed (15%) both sides of vein
4' ZnS, Qtz, PbS
MnCO3 - replacing wallrock
CaF2+MnCO3 in Csh ls
SCRATCH ALL MINE
Philipsburg Dist., Mont.
800-Foot Level
1" = 40'
3-31-56
Csh = Silver Hill fm.
Ch = Hasmark fm.
U.M.S.


El. 5464.2
607 D.E.
STOPED
El. 5427.6
El. 5428.6
El. 5285
SCRATCH ALL SHAFT.
9,200
El. 5393
804 I.D.W.
Ch
805 stope
Csh
804 stope
808 Rse
805 IDS
807 D.W.
807 D.W.
806 XC
804 R
805 R
800 XC
COMPOSITE E-W SECTION LOOKING NORTH
607 D.E
804 I.D.N.W.
807 D.W
808 RAISE (Looking West)
El. El. 5393±
804 stope
804 Rse
9,000
El. 5436.6
El. 5427.6'
805 stope
805 Rse
805 IXCS
805 IOSE
SCRATCH ALL MINE
Philipsburg Dist., Mont.
Intermediate workings above
800-Foot Level
1"=40'
3-31-56
10,400
10,600
10,800
11,000

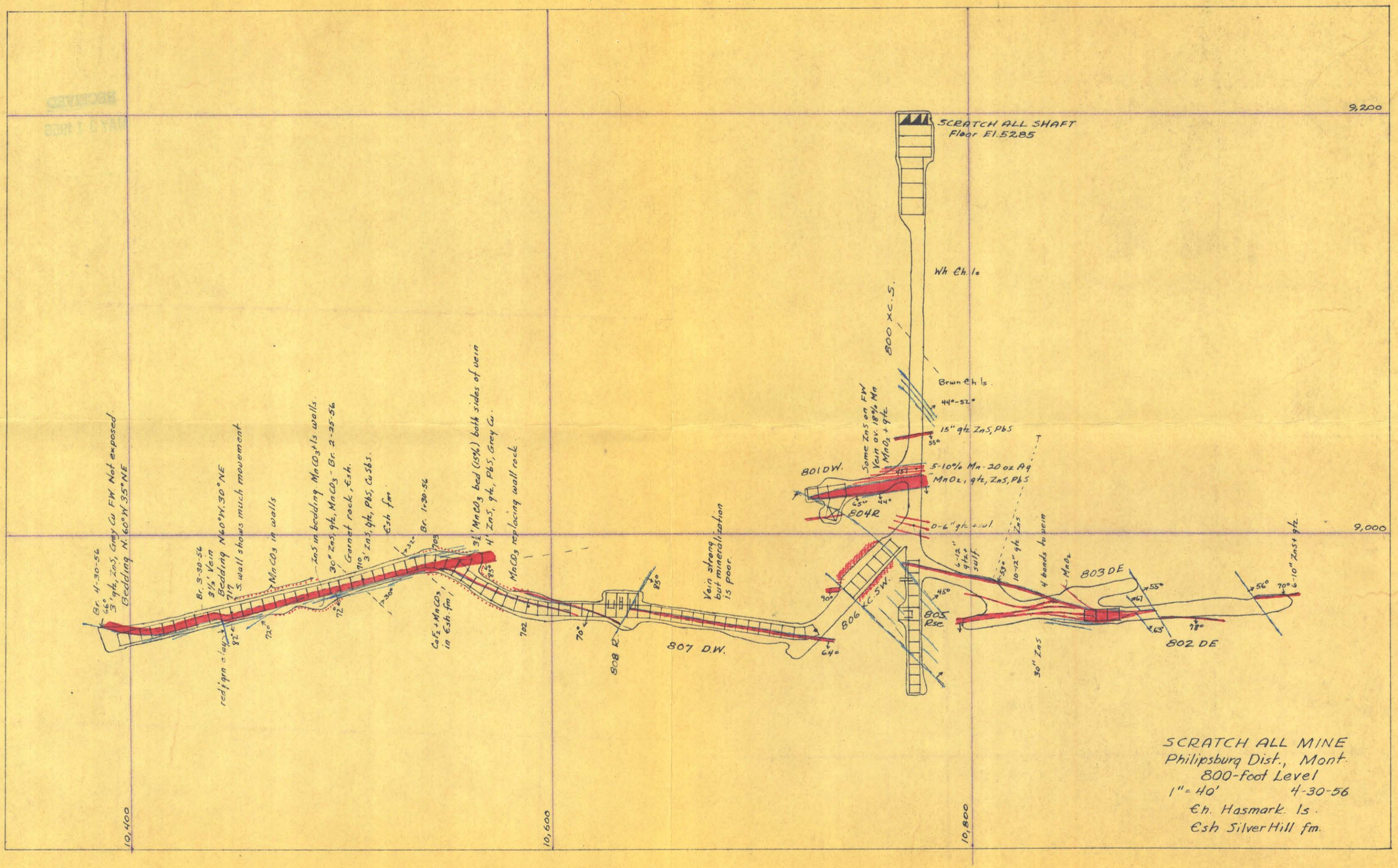
UMS.

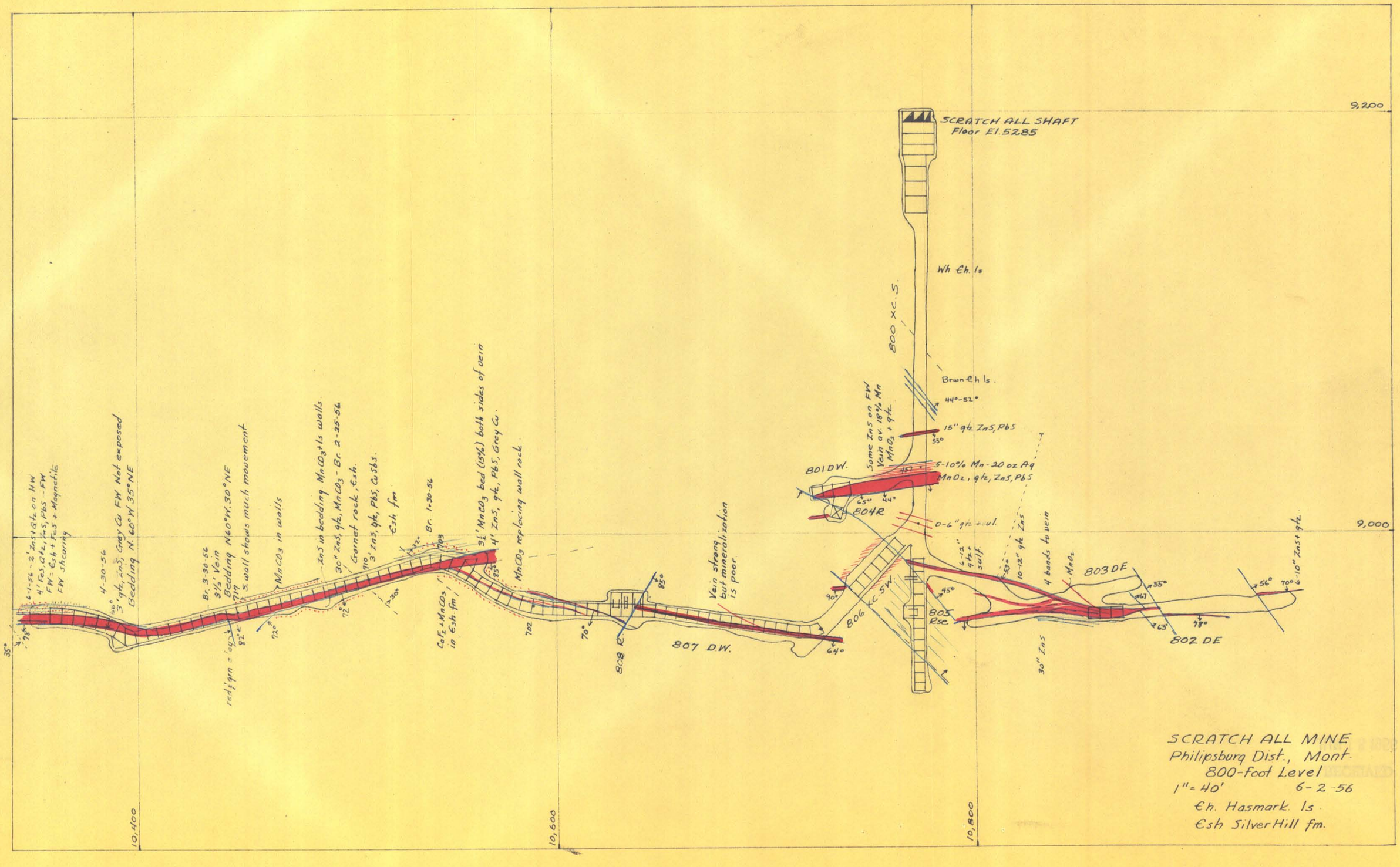

9,000
shaft
9,000
Br. 4-30-56
12' hole in back all in vein
52° 6" clay + ZnS
Pink Mn in F.W.
Br. 3-30-56
HM side = wh. ls + ZnS breccia
1D. NW.
41°
Very little pink on F.W.
MnO2 + Zn. Br. 4-30-56
El. 5350
63° Br. 4-30-56
2' Vein, poor
Br. 3-30-56
3' Ore
62°
Up slope 22°
Winze
Winze
Eh above
Esh below
El. 5408
El. 5428
808 Rse
ZnS + wh. ls breccia
804 Rse
804 stope
805 stope
805 Rse
10,400
10,600
10,800
SCRATCH ALL MINE
Philipsburg Dist., Mont
Intermediate Workings
1" = 40'
4-30-56
Eh = Hasmark ls
Esh = Silver Hill fm.

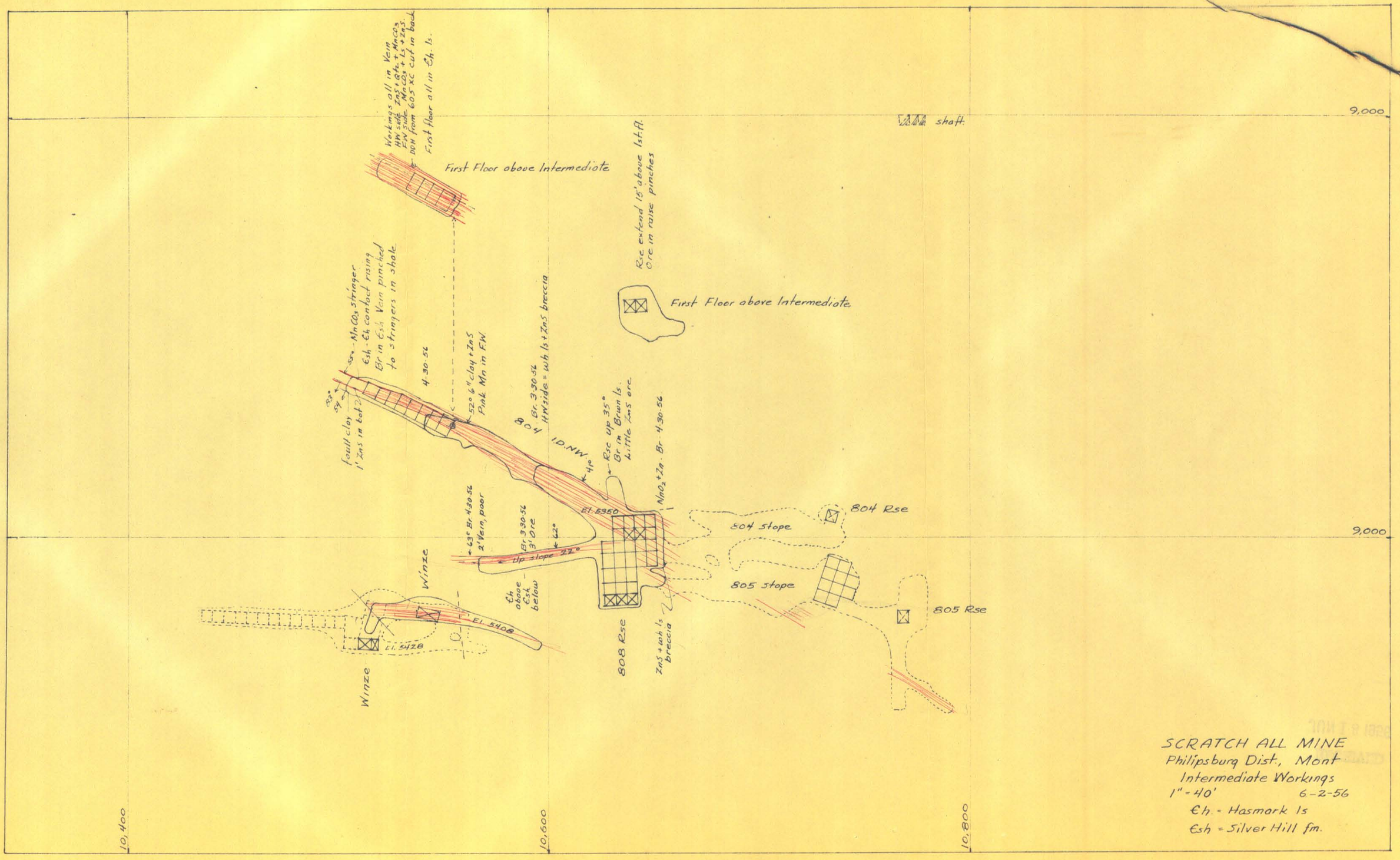

500-Level drift along Cliff Vein
stope
3 sets
wide
fault
605 XC SW.
606 D.W
607 D.E
El 5464
stoped
Winze
El. 5428
Winze
El. 5408
623 D.NW.
PROJECTED
SCRATCH ALL SHAFT
600 XCS.
611 DE
El. 5350
804 ID.
805 stope
804 stope
El. 5288
807 D.W. (Cliff Vein)
808 Rse
807 D.W.
806 XC
804 Rse
805 Rse
802 D.E.
10,400
10,600
10,800
SCRATCH ALL MINE
Philipsburg Dist., Mont.
Vertcal Longsection.
1" = 40'
4-30-56



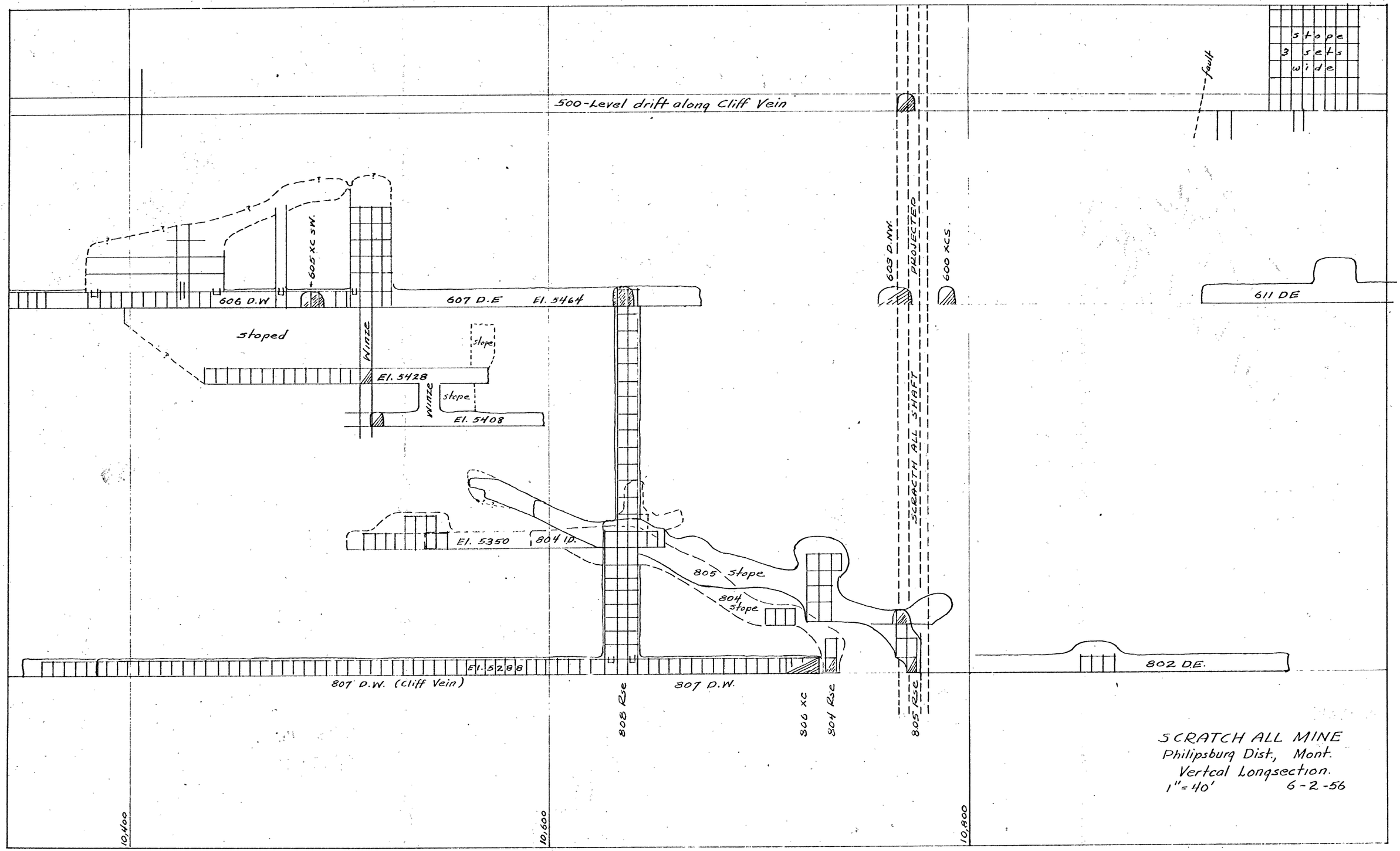
SCRATCH ALL MINE
Philipsburg Dist. Mont.
600-foot Level
1"=40' 4-30-56
Єh - Hasmark fm.
Єsh - Silver Hill fm.


9,200
9,000
10,400
10,600
10,800
SCRATCH ALL SHAFT
Floor El. 5285
Wh Ch. ls
800 xc. s.
Brwn Ch ls.
44°-52°
15" qtz ZnS, PbS
55°
5-10% Mn - 20 oz Ag
MnO2, qtz, ZnS, PbS
0-6" qtz + sul.
Some ZnS on FW
Vein av. 18% Mn
MnO2 + qtz.
801 DW.
804R
Br. 4-30-56
3' qtz, ZnS, Grey Cu FW Not exposed
Bedding N. 60° W. 35° NE
Br. 3-30-56
3½' Vein
Bedding N60°W.30°NE
S. wall shows much movement
MnCO3 in walls
ZnS in bedding MnCO3 ls walls.
30" ZnS, qtz, MnCO3 - Br. 2-25-56
Garnet rock, Esh.
3' ZnS, qtz, PbS, Cu Sbs.
Esh fm
Br. 1-30-56
3½' MnCO3 bed (15%) both sides
4' ZnS, qtz, PbS, Grey Cu.
MnCO3 replacing wall rock.
CaF2 + MnCO3 in Esh. fm
Vein strong but mineralization is poor.
807 D.W.
808 R.
806
LC. Sh.
805 Rsc.
803 DE
802 DE
4 bands to vein
MnO2
30" ZnS
6-10" ZnS + qtz.
SCRATCH ALL MINE
Philipsburg Dist., Mont.
800-foot Level
1" = 40'
4-30-56
Ch. Hasmark. ls.
Esh Silver Hill fm.

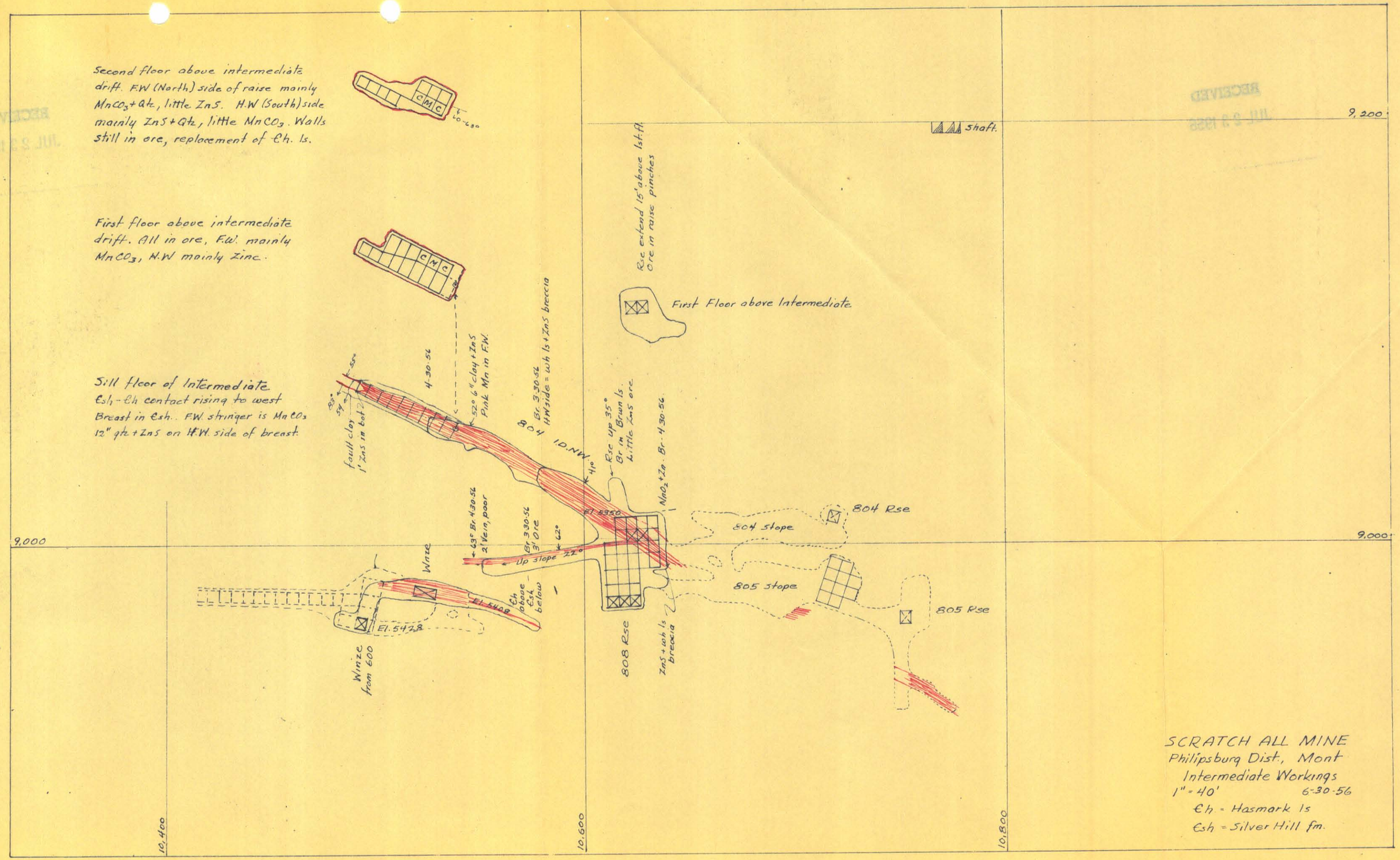

9,200
9,000
10,400
10,600
10,800
SCRATCH ALL SHAFT
Floor El. 5285
Wh Ch. ls
800 xc.5.
Brown Ch ls.
44°-52°
15" qtz ZnS, PbS
5-10% Mn - 20 oz Ag
MnO2, qtz, ZnS, PbS
Some ZnS on FW
Vein av. 18% Mn
MnO2 + qtz.
801 DW.
804R
0-6" qtz + sul.
6-12" qtz + sulf
10-12" qtz ZnS
4 bands to vein
MnO2
803 DE
802 DE
30" ZnS
6-10" ZnS + qtz.
805 Rse
806
C 5W
807 D.W.
808 R
Vein strong but mineralization is poor.
MnO3 replacing wall rock.
3½' MnCO3 bed (15%) both sides of vein
4' ZnS, qtz, PbS, Grey Cu.
CaF2 + MnCO3 in Esh fm
Br. 1-30-56
Esh fm
110' 3' ZnS, qtz, PbS, Cu SbS.
Garnet rock, Esh.
30" ZnS, qtz, MnCO3 - Br. 2-25-56
ZnS in bedding. MnCO3 + ls walls
MnCO3 in walls
S. wall shows much movement
Br. 3-30-56
3½' Vein
Bedding N60°W, 30°NE
4'-30-56
3' qtz, ZnS, Grey Cu FW Not exposed.
Bedding N. 60°W 35°NE
6-1-56 - 2' ZnS + qtz. on HW
4' FeS, qtz, ZnS, PbS - FW
FW = Esh + FeS + Magnetite
FW Shearing
red, grn = lay
SCRATCH ALL MINE
Philipsburg Dist., Mont.
800-foot Level
1" = 40'
6-2-56
Ch. Hasmark ls.
Esh Silver Hill fm.

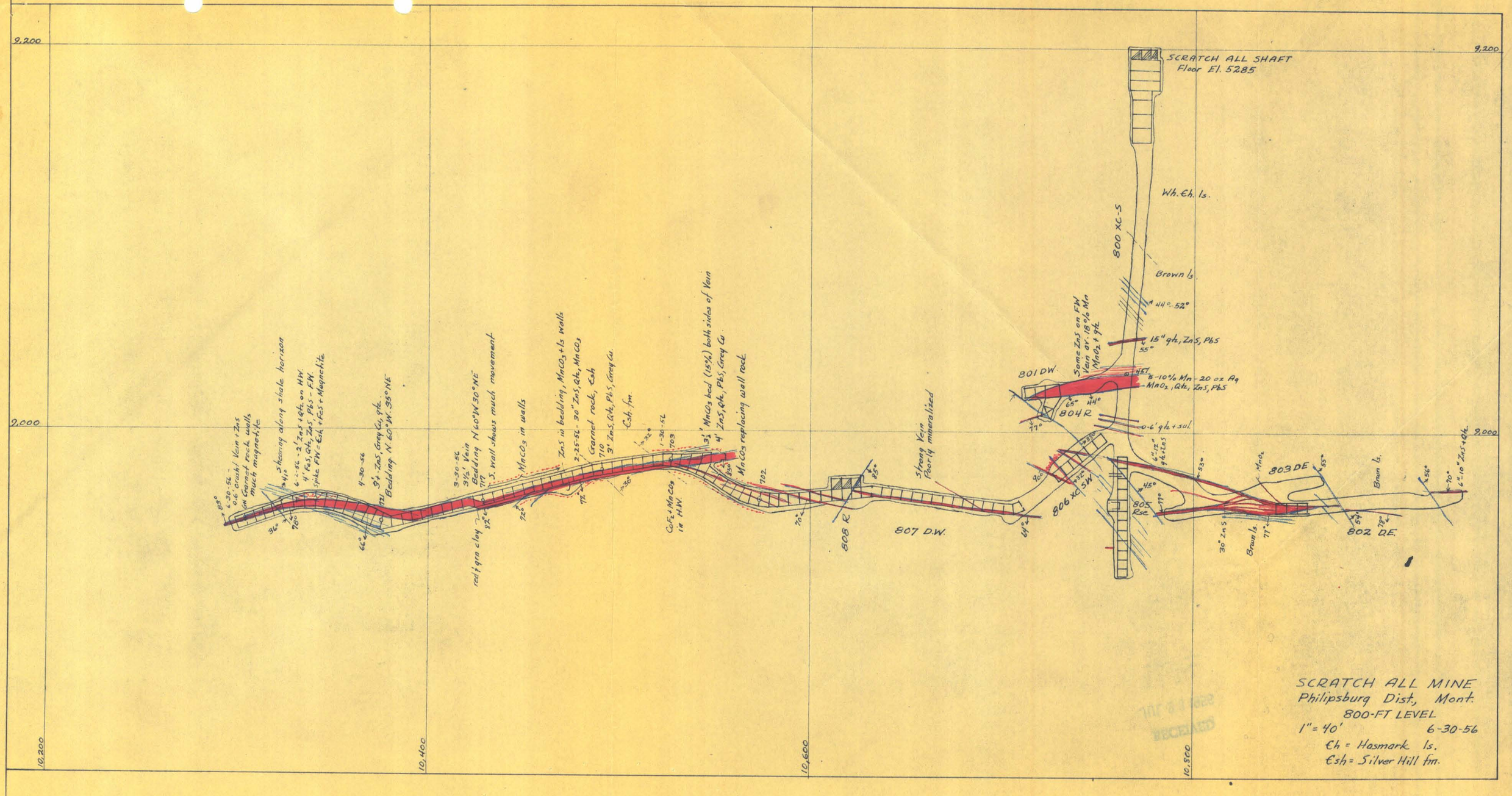


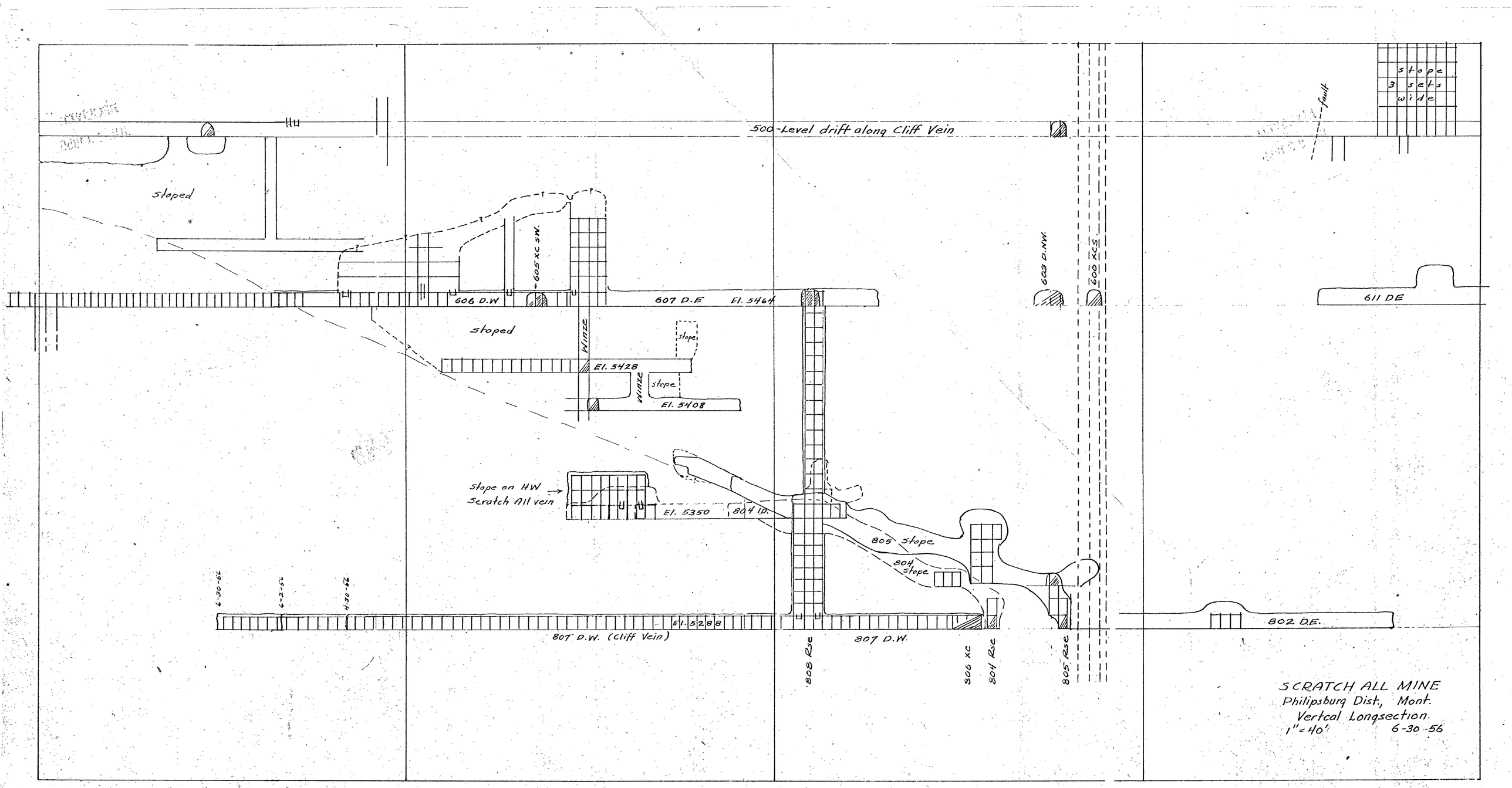
SCRATCH ALL MINE
Philipsburg Dist., Mont
Intermediate Workings
1" = 40' 6-2-56
Ch. = Hasmark ls
Esh = Silver Hill fm.



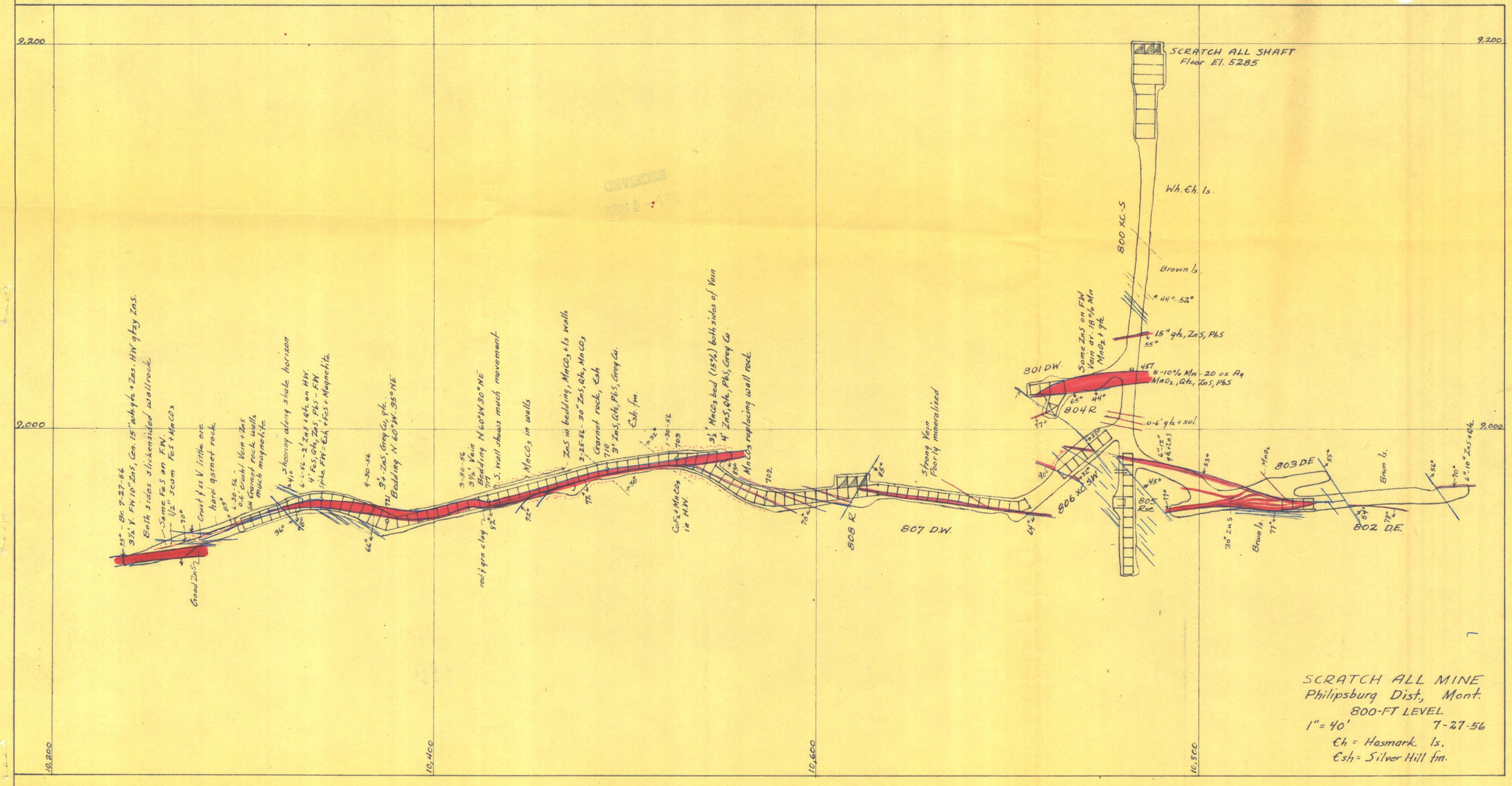
SCRATCH ALL MINE
Philipsburg Dist., Mont.
Vertcal Longsection.
1" = 40' 6-2-56


Second floor above intermediate drift. F.W (North) side of raise mainly MnCO3 + Qtz, little ZnS. H.W (South) side mainly ZnS + Qtz, little MnCO3. Walls still in ore, replacement of Ch. ls.
First floor above intermediate drift. All in ore, F.W. mainly MnCO3, H.W mainly Zinc.
Sill floor of Intermediate
Esh - Ch contact rising to west
Breast in Esh. F.W. stringer is MnCO3
12" qtz + ZnS on H.W. side of breast
C M C
Shaft.
9,200
9,000
10,400
10,600
10,800
Rse extend 15' above 1st fl. Ore in raise pinches
First Floor above Intermediate
4-30-56
52° 6" clay + ZnS Pink Mn in F.W.
Br. 3-30-56 H.W side = wh ls + ZnS breccia
1 D. NW
Rse up 35° Br in Brun ls. Little ZnS ore.
MnO2 + Zn. Br. 4-30-56
Fault clay 1" ZnS in bot
63° Br. 4-30-56 2' Vein, poor
Br. 3-30-56 3' Ore
Up stope 22°
El. 5350
804 Rse
804 stope
805 stope
805 Rse
Winze
El. 5408
El. 5428
Ch above Esh below
Winze from 600
808 Rse
ZnS + wh ls breccia
SCRATCH ALL MINE
Philipsburg Dist., Mont
Intermediate Workings
1" = 40'
6-30-56
Ch = Hasmark ls
Esh = Silver Hill fm.


SCRATCH ALL SHAFT
Floor El. 5285
Wh. Ch. ls.
800 XC-S
Brown ls.
44° 52°
15" qtz, ZnS, PbS
55°
Some ZnS on FW
Vein av. 18% Mn
MnO2 + qtz
801 DW.
8-10% Mn - 20 oz Ag
MnO2, Qtz, ZnS, PbS
65°
44°
804R
77°
0-6' qtz + sul.
6"-12" qtz + ZnS
53°
MnO2
803 DE
55°
Brown ls.
56°
70°
6"-10" ZnS + qtz.
45°
805 Rse
77°
806 XC SW
64°
30° ZnS
Brown ls.
77°
802 DE
56°
70°
Strong Vein
Poorly mineralized
807 D.W.
808 R
85°
702
70°
Mn CO3 replacing wall rock
3½' MnCO3 bed (15%) both sides of Vein
4' ZnS, qtz, PbS, Grey Cu
CaF2 + MnCO3
in HW.
1-30-56
703
72°
Csh. fm.
Garnet rock, Csh
710
3' ZnS, Qtz, PbS, Grey Cu.
2-25-56 - 30" ZnS, Qtz, MnCO3
72°
ZnS in bedding, MnCO3 + ls walls
Mn CO3 in walls
S. wall shows much movement
3-30-56
3½' Vein
Bedding N 60°W 30° NE
717
red + grn clay
92°
72°
4-30-56
3' + ZnS, Grey Cu, qtz.
Bedding N. 60° W. 35° NE
711
66°
Shearing along shale horizon
6-30-56 - 2' ZnS + qtz. on HW.
4' FeS, Qtz, ZnS, PbS - FW.
Spike FW = Csh. + FeS + Magnetite
41°
70°
36°
6-30-56
0.6' crush Vein + ZnS
in Garnet rock walls
much magnetite
85°
9,200
9,000
10,200
10,400
10,600
10,800
SCRATCH ALL MINE
Philipsburg Dist, Mont.
800-FT LEVEL
1" = 40'
6-30-56
Ch = Hasmark ls.
Csh = Silver Hill fm.



SCRATCH ALL MINE
Philipsburg Dist., Mont.
Vertcal Longsection.
1" = 40' 6-30-56



SCRATCH ALL MINE
Philipsburg Dist., Mont.
800-FT LEVEL
1" = 40' 7-27-56
Ch = Hasmark ls.
Esh = Silver Hill fm.

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