UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 2297

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

Left Side

✓ Certificate of Audit (Final).

Interim Audit(s).

Report of Review.

✓ Closing Letter
Termination Notice or Agreement.

Recision Notice.

Assignment of Contract.

✓ Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

✓ Operator's monthly reports and all attachments (latest on top).

Right Side

Project summary. ✓

Work completed analysis. ✓

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

Final Field Team Report. ✓ (Tab)

Operator's Final Report. ✓

Interim Reports. ✓

On-site Exam Report(s). ✓ (Tab)

Settlement Sheets.

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

Maps in folder number 0

Operator's Monthly Reports in folder number 0

gla
Reviewer's Initials

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

Audit Certificate

I have examined the records and transactions of

Ray E. Whiting, Jr.
Milton P. Roumm
6226 22nd N.E.
Seattle, Washington

pertaining to Exploration Project Contract No. Idm-E259, Docket No. DMA 2297, dated February 19, 1952, for the period of May 15, 1952 to November 15, 1952.

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

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

Total cost as billed by contractor		$14,565.34
Exceptions (per audit report)	$ 1.90	
Additional allowable expense	135.41	+ 133.51
		$14,698.85

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Eleven thousand twenty-four and 14/100 Dollars,

$11,024.14

is proper and valid.

This certificate is issued on the provision that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

December 15, 1952

Robert M. Hull

Robert M. Hull, Auditor

I INTRODUCTION

On December 8, 9 and 10, 1952 a final audit covering the period of May 15, 1952 to November 15, 1952 was made of the records and accounts of operation pertaining to Contract No. Idm-E259, Docket No. DMEA 2297 (as amended by the DMEA Executive Officer of Region II on March 10, 1952, July 10, 1952, and December 2, 1952) with

Ray R. Whiting, Jr., 6226 22nd N.E., Seattle, Wash., and
Milton P. Roumm, 1920 Calhoun St., Seattle, Wash., Partners

covering a project of exploration for mercury.

The accounting records covering this contract are in the possession of Ray R. Whiting, Jr., 6226 22nd N.E., Seattle, Washington.

During the course of the audit, the partners were consulted as required:

Ray R. Whiting, Jr., and
Milton P. Roumm

Their cooperation and assistance greatly facilitated the audit. Mr. Charles A. Turner, DMEA Auditor, collaborated in this audit.

II GENERAL INFORMATION ON RECORDS

The accounting records for the exploration project consist of copies of the Operator's monthly work sheets supported with purchase invoices or suppliers statements, receipts for monies received for services performed, and payroll records covering labor for the period of May 15, 1952 to November 15, 1952.

At the time of the audit the Operator's MF-104 for the month of November 1952 had not been processed for payment.

III SCOPE OF AUDIT AND FINDINGS

(1) Independent Contracts

Under the terms of a subcontract effective August 13, 1952 and approved by the Government on September 24, 1952, Lynch Brothers, Diamond Drill Contractors, 3425 Stone Way, Seattle, Washington, contracted to drill a minimum of 1400 feet AX core hole with a maximum depth of 250 feet per hole for $6.00 per lineal foot; drilling contractor to furnish drilling equipment personnel, fuel and core boxes, and Whiting and Roumm to provide transportation of drilling equipment and supplies from the road to the site and to return same to the road at the completion of the job.

Diamond Drilling, 1479 feet at $6.00 - $8874.00

(2) Labor and Supervision

All charges under this item were checked against the recordings in monthly time payroll books and verified by cancelled checks and receipts from employees.

The audit disclosed that costs shown under this item on the November MF-104 as compared to the costs properly chargeable and allowable under the terms of the contract are:

Labor						
May	James E. McAllister	40 hours	@	$1.50	$60.00	
		8	@	2.25	18.00	
	Frank C. Traxler	40	@	1.50	60.00	
		8	@	2.25	18.00	$156.00
June	James E. McAllister	168	@	1.50	252.00	
		72	@	2.25	162.00	
	Frank C. Traxler	168	@	1.50	252.00	
		72	@	2.25	162.00	828.00
July	James E. McAllister	48	@	1.50	72.00	
		16	@	2.25	36.00	
	Frank C. Traxler	48	@	1.50	72.00	
		16	@	2.25	36.00	216.00

Labor						
August	James E. McAllister	80 hours	@	$1.50	$120.00	
		32	@	2.25	72.00	
	Frank C. Traxler	96	@	1.50	144.00	
		32	@	2.25	72.00	$408.00
September	James E. McAllister	56	@	1.50	84.00	
		16	@	2.25	36.00	120.00
Total		1016 hours				$1728.00

Labor	Gross Payroll	Net Payroll Claimed MF-104	Difference to be claimed MF-104
May	$156.00	$152.30	$3.70
June	828.00	758.70	69.30
July	216.00	188.80	27.20
August	408.00	351.14	56.86
September	120.00	120.00	
August difference claimed on September MF-104		27.20	
June difference claimed on October MF-104		69.86	
	$1728.00	$1668.00	
Disallowed by Finance Officer Amount should be $69.30 for June		69.86	
	$1728.00	$1598.14	

Differences allowed by Audit

May	$ 3.70
June	69.30
August	56.86
	$129.86

The Operator claimed only the net amount of the payroll instead of the full amount. On the monthly Form MF-104 for September the sum of $27.20 was claimed covering the difference between the net and gross payroll for July.

The sum of $69.86 was erroneously claimed on the October MF-104, being the difference on the June payroll; however, the entire sum was deleted by the Finance Officer as the correct amount should have been $69.30. The differences on the May ($3.70), June ($69.30) and August ($56.86) 1952 payrolls are being allowed by the audit.

Supervision

Ray R. Whiting, Jr.

May	$200.00	Phase I
June	400.00	
July	400.00	
August	400.00	
September	400.00	
October	400.00	
November	200.00	
	$2400.00	

(3) Operating Materials and Supplies

All charges against this category were checked against the monthly work sheets. An analysis was made to determine propriety of the items charged from the suppliers invoices.

The total costs properly chargeable and allowable under this item were found to consist of the following:

Explosives	$16.78
Small tools	33.65

All supplies were used on the project.

(4) Operating Equipment

Not applicable to this contract.

(5) Initial Rehabilitation and Repairs

Not applicable to this contract.

(6) New Buildings, Improvements, etc.

Tent Camp and Facilities

All charges against this category were checked against the monthly work sheets. An analysis was made to determine propriety of the items charged from suppliers invoices.

The total costs properly chargeable and allowable under this item were found to consist of the following:

Tent camp and facilities	$310.18

The Executive Officer of the DMEA Field Team, Region II, has waived the Government's interest in this equipment as the salvage value is negligible.

(7) Miscellaneous

All charges against the following items

1. Sampling and analysis
2. Transportation

were checked against the Operator's monthly work sheets and an analysis was made to determine propriety of items charged from suppliers invoices.

The total costs properly chargeable and allowed under these captions were found to be as follows:

Sampling and analysis		$ 55.68
Transportation	$504.50	
Less error invoice 8-2-52	1.00	503.50

All charges for payroll taxes were checked by computation at the rates shown by the company's files to be in effect. These rates were:

Social Security	1.5 percent
Unemployment - Federal	.3
- Washington	2.7
	4.5 percent

Payroll taxes were computed as follows:

[illegible].00 @ 4.5%	$77.76
Claimed on MF-104	72.21
Allowed by audit	$ 5.55

Due to an error in computing the payroll taxes, the Operator claimed only $72.21 instead of the correct amount of $77.76. The difference of $5.55 is being allowed by the audit.

All charges for payroll insurance (Industrial Insurance and Medical Aid) were checked by computation at the rates shown by the company's files to be in effect. These rates were:

Industrial Insurance		$0.095 per hour worked
Medical Aid	$0.035	
Less 1/2 paid by employee	.0175	.0175
Total		$0.1125 per hour worked

Industrial insurance was computed as follows:

1016 hours @ $0.1125 per hour	$114.30
Claimed on MF-104	115.20
Disallowed	.90

The Operator incorrectly computed the industrial insurance by $0.90 which sum is disallowed.

Under the terms of the subcontract effective August 9, 1952 and approved by the Government August 25, 1952, Art E. Riste contracted the transportation of the Diamond Drilling Equipment to and from Indian Creek cinnabar prospect.

The total allowable costs were:

Moving equipment in	$420.00
Moving Equipment out	365.00
	$785.00

IV CONCLUSIONS AND RECOMMENDATIONS

This audit has disclosed that all costs as charged to the project with the exception of the disallowances itemized under items (2), Labor and Supervision, and (7), Miscellaneous, of the preceding section of this report are in accordance with the terms of the contract and amendments thereto.

At the conclusion of the audit the findings were discussed with the partners, Mr. Ray R. Whiting, Jr. and Mr. Milton P. Roumm.

Exhibit "A"
WHITING AND ROUMM
Contract Idm-E259

The adjustments between items of cost, as shown on the November 1952 MF-104, the recommended disallowances, and approved amounts are summarized as follows:

	Totals Nov. 1952 MF-104	Distribution corrected	Disallowed by audit	Allowed by audit	Total allowed by audit
1. Independent contracts					
Diamond drilling	$8,874.00	$8,874.00			$8,874.00
2. Labor and Supervision					
Labor	1,598.14	1,598.14		$129.86	1,728.00
Supervision	2,200.00	2,200.00			2,200.00
3. Operating Mater. & Supplies					
Explosives	16.78	16.78			16.78
Small tools	33.65	33.65			33.65
6. New buildings, improvements, etc.					
Tent camp and facilities	310.18	310.18			310.18
7. Miscellaneous					
Sampling and analysis	55.68	55.68			55.68
Payroll taxes	72.21	72.21		5.55	77.76
Industrial Insurance	115.20	115.20	$0.90		114.30
Transportation	504.50	504.50	1.00		503.50
Transportation of machinery	785.00	785.00			785.00
Totals	$14,565.34	$14,565.34	$1.90	$135.41	$14,698.85

Robert M. Hull
Robert M. Hull, Auditor

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

D 60
2297

FILE COPY
SURNAME:
Docket
Z Kyrouac
Ellis
Chandler

MAY 28 1953

[illegible]

[illegible]

[illegible]

[illegible]

C. O. Mittendorf (for)

Administrator

Memo. to Mr. Poyer, Rm. 323
A. E. Einiol, Jr. Rm. 2-2A 5A
Ellis
Thomas
Ala Field Team, Region IV (2)

Chandler/Thomas/db
5-26-53
cc to Adm. Heading File
Operating Committee
Docket

Docket No. DMEA 229
(mercury)

(Amendment to Change Starting and Completion Dates)

GOVERNMENT'S COPY

AMENDMENT NO. 3

It is agreed this 2nd day of Dec. 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Ray R. Whiting, Jr. and Milton P. Roumm, Seattle, Wash.

each acting in consideration of the agreement to the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E259 of February 19 1952 between the parties hereto be modified and amended to change ~~the starting date from~~ _____ ~~to within~~ _____ ~~No. of day~~ ~~No. of days~~ ~~of the date of the contract and~~ the completion period from 8 (No. of months) to nine (9) (No. of months) from the date of the contract. The effective date of this amendment shall be October 18 1952.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2684 by the Acting Secretary of the Interior.

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

Executed in sextuplicate the day and year first above written.

RAY R. WHITING & MILTON P. ROUMM
(Operator)

By Milton P. Roumm
Ray R. Whiting

The United States of America

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1952

RAY R. WHITING, JR. & MILTON P. ROUMM
Exploration Project Contract Idm-E259
Docket No. 2297 (mercury)

Justification of Amendment No. 3

Progress under the contract has been slower than was anticipated and this amendment extending the period of the contract is necessary for completion of the work.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1952

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

July 25, 1952

MEMORANDUM

To : Mr. Frank E. Johnson, Chairman, Operating Committee, DMEA

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

Subject: Justification of Amendment No. 2 to Indian Creek Cinnabar, Yakima County, Washington, Whiting and Roumm, Contract Idm-259, Docket 2297 (Mercury).

Attached are eight copies of Amendment No. 2, adding to claims included in the subject contract. I am not sure that I am entitled to sign this amendment. If not, I should appreciate it if a new amendment were prepared and sent out here for the operator's signature.

The reason for the amendment is that two of the best cinnabar showings have been found just off the end line of the Denny Ray claim, and if any testing is to be done, it should logically be begun on this showing. A new claim, the Roumm, has been staked to cover this, and we believe it is obviously to the Government's advantage that this new claim be added to the claims in the contract.

If this amendment does meet with your approval, will you kindly retain the original and two copies and return the remaining five copies to this office for proper distribution.

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

Enclosures

cc: U.S.B.M.

AMENDMENT NO. 2 GOVERNMENT'S COPY

It is agreed this 10th day of July 1952, between the the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Ray R. Whiting, Jr. and Milton P. Roumm, Seattle, Wash. (Docket No. DMEA 2297 - Mercury)

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E259 of Feb. 2 1952 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be June 6 1952.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2684 by the Acting Secretary of the Interior.

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

Executed in sextuplicate the day and year first above written.

By Ray R Whiting Jr.
(Operator)

By Milton P Roumm

The United States of America

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

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
CERTIFIED
JUL 31 1982

RAY R. WHITING AND MILTON P. ROUMM
Exploration Project Contract Idm-E259
Docket No. DMEA 2297 (Mercury)

AMENDMENT NO. 2

Exhibit "F"

Changes and modifications

Under paragraph 2, "Operator's property rights" add:

Unpatented mining claims "Roumm Cinnabar Claim" located in the Tieton Mining District, Yakima County, Washington, sec. 11, T. 14 N., R. 12 E., W.M. This claim joins the west end line of the Denny-Ray cinnabar claim. It is recorded in Volume F, page 548 and 549, No. 1417825, in the records of the County Auditor, Yakima County, Wash.

M Chambers

AMENDMENT NO. 1

It is agreed this 10 day of March, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Ray R. Whiting, Jr., 6226 22nd N.E., Seattle, Washington, and Milton P. Roumm, 1920 Calhoun Street, Seattle, Washington, Partners.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E259 of February 19, 1952 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be March 10, 1952.

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

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

Executed in sextuplicate the day and year first above written.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 7 1952

(Operator)

By Ray R Whiting Jr.

Milton P Roumm

The United States of America

By A. E. Weissenborn

Executive Officer, DMEA
Field Team, Region II

DOCKET DMEA 2297
Indian Creek Cinnabar
Exploration Project Contract Idm-E259

EXHIBIT "F"

The effective starting date of Exploration Project Contract Idm-E259 is to be changed from the 19th of February, 1952, to not later than May 15, 1952.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 13 1952

November 6, 1952

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

Re: Docket No. DMEA-2297-Mercury
Ray R. Whiting, Jr. & Milton
P. Roumm, Indian Creek Cinnabar
Property, Yakima County, Wash.
Contract No. Idm-E259

Dear Mr. Johnson:

This is in further reply to your letter of October 16 re certain objections to approval of subcontract by the Operator with Lynch Brothers, diamond drill contractors. These objections were because the subcontract provided for direct payment by the Government to the subcontractor, i.e., Lynch Brothers.

The drilling on the subject contract was completed in approximately two month's time. The payment for the first month was made directly to the Operator who in turn has reimbursed the drilling contractor. We have the Lynch Brothers' receipt that payment has been received. The second payment is now being processed. Mr. Magill has talked to Lynch Brothers, and they are agreeable to having the Government pay the Operator, the Operator in turn to reimburse them. Payment will accordingly be made in this manner.

Inasmuch as the drilling is now completed and as no further payments need be made to Lynch Brothers, there seems to be no point in having a new subcontract negotiated. Therefore, I am returning the existing approval forms so that your files may be complete.

I trust this action will be satisfactory to you. In the future we will avoid any such difficulty by refusing to okay a subcontract with the objectionable provision contained in it.

Sincerely yours,

A E Weissenborn

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

cc: USBM (2)
Kirkemo

case
11-13

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 6 1952

November 5, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: E. A. Magill, Mining Engineer, Bureau of Mines

Subject: Diamond drilling contract, Whiting and Roumn (Indian Creek Cinnabar), ~~Yakima~~ County, Washington, Contract Idm-E259, Docket No. DMEA 2297 (mercury)

Mr. Lynch and Mr. Sellers of Lynch Bros. Diamond Drill Contractors, were contacted concerning the subject contract on November 4, 1952. They were questioned concerning that part of the contract which states:

> "$2,100.00 is to be paid by first parties to second parties and the remaining $6,300.00 is to be received by second parties from the United States of America under the terms of the contract between the first parties and the United States of America."

Concerning this statement they said that it was their understanding that they were to receive all payments from Whiting and Roumn. Although they had signed it, actually it was Whiting and Roumn's lawyer who had drafted the contract. The only contract which they had submitted was a letter to Whiting and Roumn stating the prices for which they would do the job.

Messrs. Lynch and Sellers stated that they had received payment for the drilling completed in August.

E. A. Magill

E. A. Magill

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
EAM/vf

PMEA(3)
Government Copy
2236-2

APPROVAL OF SUBCONTRACT
(Under Form MF-200, revised February 1952)

To: Ray R. Whiting, Jr. and Milton P. Roumm
(Name of Operator)

That certain contract, or proposed contract, a copy of which you have submitted with your request for approval, dated Aug. 13, 1952, between you and Lynch Bros.
(Name of Independent Contractor)

for the performance of the following work: Diamond drill a total of 1400 lineal feet at a price of $6.00 per lineal foot

which is all or a specific element of the work described in an Exploration Project Contract dated February 19, 1952, Idm E259, Docket No. DMEA 2297 (mercury), is hereby approved by the United States of America, subject to all of the terms and conditions relating to such independent contracts set forth in said Exploration Project Contract.

Dated: September 24, 1952.

THE UNITED STATES OF AMERICA

By A E Weissenborn

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 13 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

R. C. LYNCH

COPY

CHAS. D. SELLERS

LYNCH BROS.

DIAMOND DRILL CONTRACTORS

3425 STONE WAY • TELEPHONE MELROSE 5052

SEATTLE 3, WASHINGTON

July 23, 1952

Mr. Ray R. Whiting, Jr.,
6226 - 22nd N.E.,
Seattle, Washington

Dear Sir:

Replying to your request for prices for drilling on your properties at Indian Creek Mercury exploration project, we offer the following:

We will furnish all drilling equipment, personnel, fuel and core-boxes and drill a minimum of 1400 feet of AX core hole, with a maximum depth of each hole of 250 feet, for $6.00 per lineal foot.

It is understood you will pack all equipment and supplies from the road to the site and return same to the road at completion of job.

We will pack fuel and any supplies needed while job is in operation.

Very truly yours

LYNCH BROS.

Signed BY Chas. D. Sellers

CDS'AG

C O P Y

DIAMOND DRILLING AGREEMENT

THIS AGREEMENT, made and executed this 13th day of August, 1952, by and between Ray R. Whiting, Jr., and Milton P. Roumm, hereinafter referred to as first parties, and R. C. Lynch and Charles D. Sellers, doing business under the firm name and style of Lynch Brothers Diamond Drill Contractors, of Seattle, King County, Washington, hereinafter referred to as second parties,

WITNESSETH:

WHEREAS, first parties have heretofore conducted exploration for mercury, or cinnebar, in the State of Washington, and have heretofore succeeded in securing certain financial assistance from the United States of America in such exploratory work, and

WHEREAS, at the present time it is necessary in connection with said exploratory work that certain diamond drilling be conducted to determine the location of ore deposits, and

WHEREAS, first parties own, as tenants in common with certain other persons, substantially the greater interest in the mining claims which are part of what is commonly known as Indian Creek Mercury Mines, and have authority from the other tenants in common to enter into this agreement, and

WHEREAS, it is the desire of these parties to agree between themselves as to what work is to be done by second parties and what compensation is to be paid to second parties by first parties for such work, now, therefore,

In consideration of the mutual covenants and agreements and other valuable consideration,

IT IS HEREBY AGREED AS FOLLOWS:

1. Second parties will conduct, as expeditiously and as efficiently as possible, diamond drilling operations upon the various claims owned by first parties and other persons, and commonly known as Indian Creek Mercury Mines, at a price of six ($6.00) dollars per lineal foot. It is understood by all parties concerned that second parties will drill a total of 1400 lineal feet at such price, or for a total of $8,400.00.

2. The sum of $8,400.00 is to be paid as follows:

$2,100.00 is to be paid by first parties to second parties and the remaining $6,300.00 is to be received by second parties from the United States of America under the terms of the contract between first parties and the United States of America.

First parties agree to have available in the hands of Albert M. Franco, Attorney at Law, 1711 Smith Tower, Seattle, Washington, for use by second parties, as the work progresses, the sum of $2,100.00, or 25 percent of the total contract price. First parties shall be responsible for the eventual payment of the balance of $6,300.00, but shall not responsible for any delay on the part of the United States of America in paying said sum to second parties.

3. Second parties will perform the work in a proper and workmanlike manner and will devote their best efforts in connection therewith.

Signed Milton P. Roumm

Ray R. Whiting, By Clyde E. Whiting, His attorney in fact

Approved:

Signed Albert M. Franco

OFFICE OF THE ADMINISTRATOR

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

1201 N. Division St.
Spokane 2, Wash.
August 28, 1952

SEP 2 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Acting Executive Officer, DMEA Field Team, Region II

Subject: Approval of subcontract for exploration project contract Idm-E259, Docket No. DMEA 2297 (mercury), Ray Whiting and Milton Roumm, Yakima County, Wash.

Transmitted herewith are the original and two copies of the subject subcontract.

M. E. Volin, Acting Exec. Officer

Enclosure

cc: USGS, Spokane

RECEIVED
SEP 5 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

APPROVAL OF SUBCONTRACT
(Under Form MF-200, revised February 1952)

To: Ray R. Whiting, Jr. and Milton P. Roumm
(Name of Operator)

That certain contract, or proposed contract, a copy of which you have submitted with your request for approval, dated Aug. 9, 1952, between you and Art E. Riste
(Name of Independent Contractor)

for the performance of the following work: Transportation of diamond drilling equipment to and from Indian Creek cinnabar prospect,

which is all or a specific element of the work described in an Exploration Project Contract dated February 2, 1952, Idm E259, Docket No. DMEA 2297 (mercury), is hereby approved by the United States of America, subject to all of the terms and conditions relating to such independent contracts set forth in said Exploration Project Contract.

Dated: August 25, 1952.

THE UNITED STATES OF AMERICA

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 2 1952

Indian Creek Corral.
Naches Wash
Aug 9, 1952

Mr Ray Whiting
Indian Creek Mercury Mine
Dear Sir

In regards to packing the machinery into the mine.

I have seen the machinery and other material and after checking weights etc. Also I have studied the matter of taking in the large piece of machinery

I can move this in for $420.00
and can move it out for $365.00
and will move it in for this amount if, I also can have the job of bringing it out.

On page 2 is the list of materials that I understand is to be taken in, and on which this price is figured.

If it meets with your approval, please

let me know by return and I will get started immediately.

The list I got from the Lynch Bros is as follows.

Core Box material

~~[illegible]~~ (linear)

560 linear ft – 5" long x 1' wide

1680 " "

25 pieces 10 ft A rods

3 " Core bbls

3 " E rod

190 lbs odd tools

200 lb pump

950 lb machine + motor + swivel head

Yours truly

Art E. Riste

MF-200
(June 1951)

DMEA-2297
Docket No. DMA
Commodity Mercury
IdmE-259

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

GOVERNMENT'S COPY

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 19th day of February, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2] Ray R. Whiting, Jr., 6226-22nd N.E., Seattle, Washington and Milton P. Roumm, 1920 Calhoun Street, Seattle, Washington -Partners hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Washington, County of Yakima described as follows:[3] Property is located west of Naches about 28 miles on highway No. 5 to Indian Creek thence six miles northwest up Indian Creek. The property consists of two (2) unpatented mining claims known as Denny-Ray and Indian Creek located in Section 11, T.14N., R.12E. and is known as the Indian Creek Cinnabar Property.
with respect to which the Operator represents and undertakes:[4]

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

~~(*b*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following~~

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for[5] Mercury; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of[6] eight (8) months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

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

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

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

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

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 75 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $13,818.75, which is 75 percent of the agreed estimated total cost of this project, $18,425.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

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

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

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

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

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

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

Ray R. Whiting, Jr., and Milton P. Roumm
(Operator)

By Ray R Whiting Jr.
Milton P Roumm

THE UNITED STATES OF AMERICA

By C Mittendorf
Acting Administrator
Defense Minerals Exploration
Administration

U. S. GOVERNMENT PRINTING OFFICE 16—04066-2

EXPLORATION PROJECT CONTRACT
RAY R. WHITING, Jr. and MILTON P. ROUMM
DENNY-RAY and INDIAN CREEK MINING CLAIMS
DOCKET NO. DMEA-2297

EXHIBIT "A"

Statement of the Work

The purpose of the work is to explore the described property for mercury mineralization. The exploration will be set up in two phases, Phase 2 to be undertaken only if in the opinion of the Government the results of Phase 1 warrant the continuance of the project. Phase 1 will consist of 1200 lineal feet of surface trenching and the sampling and assaying of the mineralization uncovered. Phase 2 will consist of 1400 feet of core diamond drilling to be done at points considered most promising as a result of the findings of Phase 1, and the construction of ½ mile of access trail from the main road to the site of the exploration. The core diamond drilling is to be done by contract.

The two initial trenches in Phase 1 will be located as shown in the attached sketch and the location of the additional trenches will be determined from the findings from the first two.

The location, extent and direction of the core diamond drill holes will be determined on the basis of the findings in Phase 1 with the approval of the Government.

Estimated Cost

Summary - Phase No. 1

1200 lineal feet of hand trenching @ $1.00/ft.	$1,200.00
Small tools	200.00
Transportation of Supplies	100.00
Supervision and engineering	400.00
Assaying	100.00
Estimated total Phase No. 1	$2,000.00

Summary - Phase No. 2

½ mile of trail	$ 700.00	
Tent camp and facilities	475.00	
1400 Lineal feet of core diamond drilling @ $8.00/ft.	11,200.00	
Moving equipment to and from property	1,000.00	
Transportation-miscellaneous supplies, samples and manpower - 5 months @ $150.00/mo.	750.00	
Supervision, engineering and bookkeeping - 5 months @ $400.00/mo.	2,000.00	
Assaying	300.00	
Estimated total Phase No. 2		$ 16,425.00
ESTIMATED COST OF THE PROJECT		$ 18,425.00

Fixtures and Improvements

Tent camp and facilities	$ 475.00
½ Mile of trail construction	700.00

Operating Equipment

To be purchased

Miscellaneous tools - Phase No. 1	200.00

Labor and Supervision

Labor

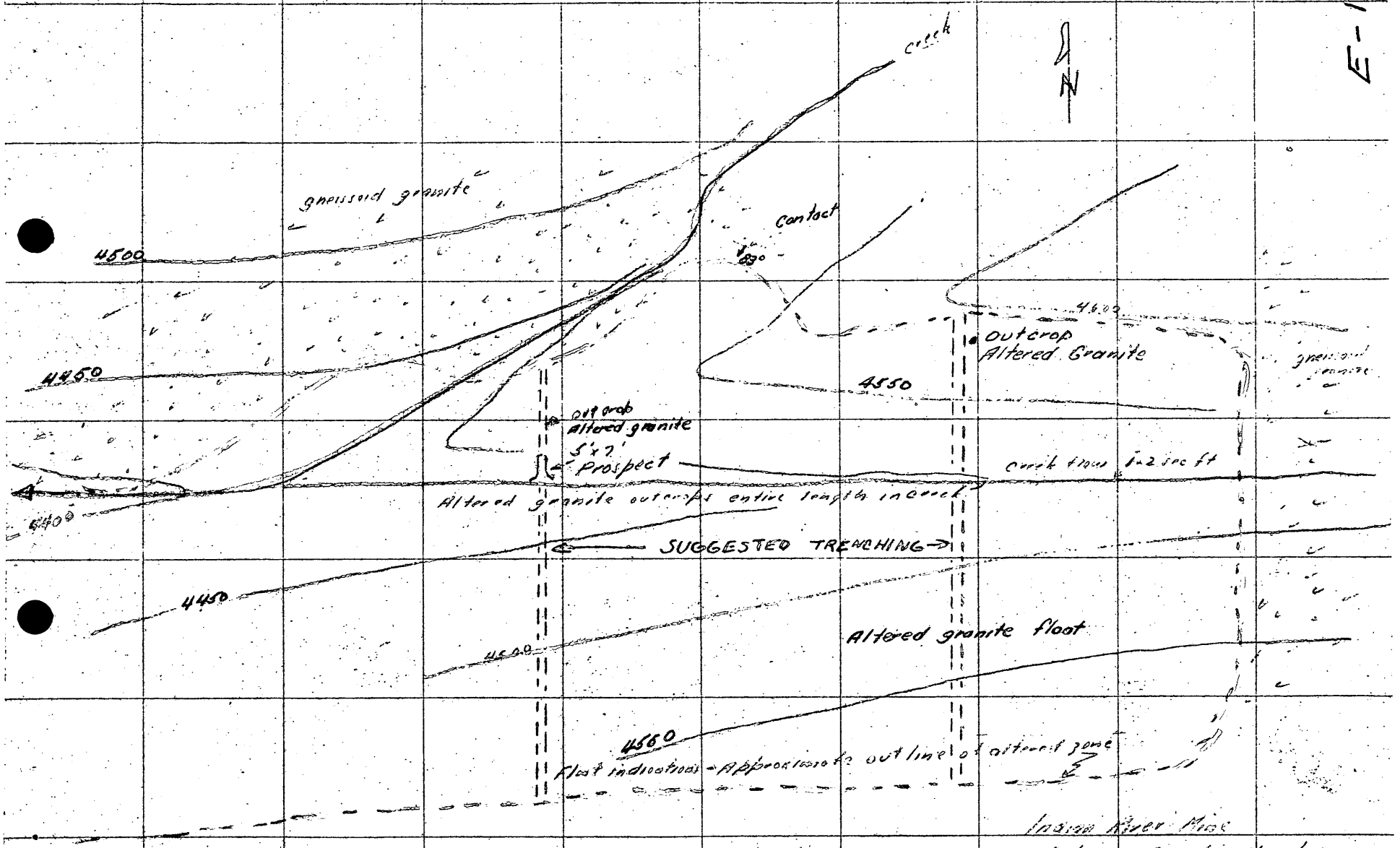
Labor @ $12.00/8 hr. - 100 man shifts	1,200.00

Supervision

1 Supervisor and Engineer @ $400.00/mo.	
1 Month Phase No. 1	400.00

5 Months Phase No. 2	$ 2,000.00	
Supervision-Engineer, to do all the sampling, mapping, bookkeeping and preparation of necessary reports.		
Rehabilitation and Repairs - None		
Miscellaneous - Phase No. 1		
Transportation of supplies, samples and manpower	100.00	
Assaying of samples	100.00	
Miscellaneous - Phase No. 2		
Transportation of supplies, samples and manpower - 5 months @ $150.00/mo.	750.00	
Assaying of samples	300.00	
Moving equipment to and from property	1,000.00	
Independent Contracts		
1400 Lineal feet of core-diamond drill hole @ $8.00/ft. (the drilling contractor to supply all equipment, labor, supplies and facilities necessary to complete the work)	11,200.00	
ESTIMATED COST OF THE PROJECT		$18,425.00

E-1711



Indian River Mine
Yakima County, Wash.
Approximate scale 1" = 100'
MILTON ROUMM +
RAY WHITING

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 17 1952

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
S. 157 HOWARD ST.
Spokane 8, Wash.

December 14, 1951

DMEA-2297

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

Dear Sir:

Enclosed is an application for exploration assistance concerning the Indian Creek cinnabar deposit, Yakima County, Washington, submitted by R. R. Whiting, Jr. and M. R. Roumm.

The property has been examined by a U.S.B.M. engineer. A report and contract are now being prepared. The fourth copy of the application is being retained pending completion of the report and contract.

Sincerely yours,

A. E. Weissenborn KG

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

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 18 1951

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2287
Metal or Mineral
Date Received 12-18-51
Amount $
Participation (Government %)

Name and address of applicant

Ray R. Whiting, Jr.
6226 22nd N.E., Seattle, Wash.

Milton P. Roumm
1920 Calhoun St., Seattle, Wash.

Date

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

DMA Docket Number (if available) _____

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 18 1951

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

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

Indian Creek mines
(Name of company)

By Ray R Hutchings Jr.
(Signature of authorized official)

Dec 3 1951
(Date)

mgr.
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Ray E. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

1. (a) Property involved in exploratory project will be two cinnabar claims, the Denny-Ray and Indian Creek, both filed at the Yakima County Clerk's office, Yakima, Washington. These two claims are on a branch of Indian Creek, one-half mile in an easterly direction from the five mile marker on the Indian Creek Trail. The five mile marker being five miles in a northerly direction from White Pass Highway. The access to the claims being 2½ miles on Indian Creek Forest road, then 2½ miles on Indian Creek forest trail to the five mile marker, then ½ mile in an easterly direction to the claims and campsite. The property consists of one tent house, 15' tunnel, surface diggings. The claims are in the Snoqualamie National Forest area.

(b) Owner

(c) Same as stated in question (a).

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

2. (a) Cinnabar.

(b) The ore body lies in altered granite formation. Its exposed area is approximately 300' in width, 1000' in length. Within this area there is cinnabar float and cinnabar in place at five different out croppings. Tail pannings are found along the entire strike of the vein. The cinnabar is of disseminated character. Refer to Map AI.

Ray R. Whiting, Jr.
6226 22nd N. E.
Seattle, Washington

Milton F. Roumm
1920 Calhoun Street
Seattle, Washington.

3. (a) 1. Make new (½ mi.) trail suitable for pack horses and portable equipment (14 days). Job for three men using hand tools, powder, approximately $700.00.

2. Rebuild tent camp, cost $100.00.

3. Pack, sled in drill equipment (5½ mi.), three men, two horses (6 days), cost $500.00.

4. Diamond Drill (1400') hole.

(a) Either rent equipment or contract drilling.

(b) Estimate bid prices from $5.50 per foot to $8.00 per foot.

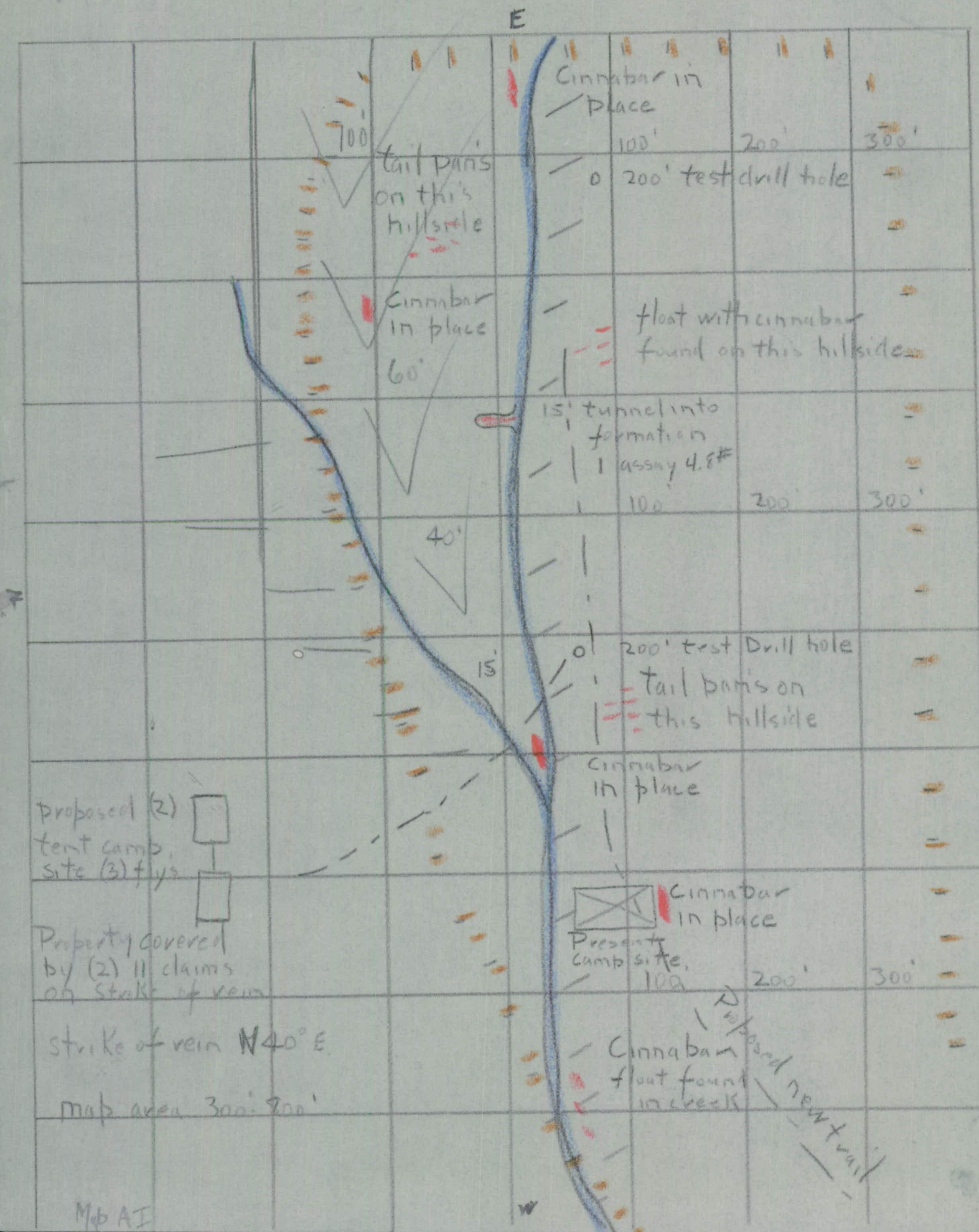
(c) Estimated cost for job with supervision, driller and helper, $12,000.00.

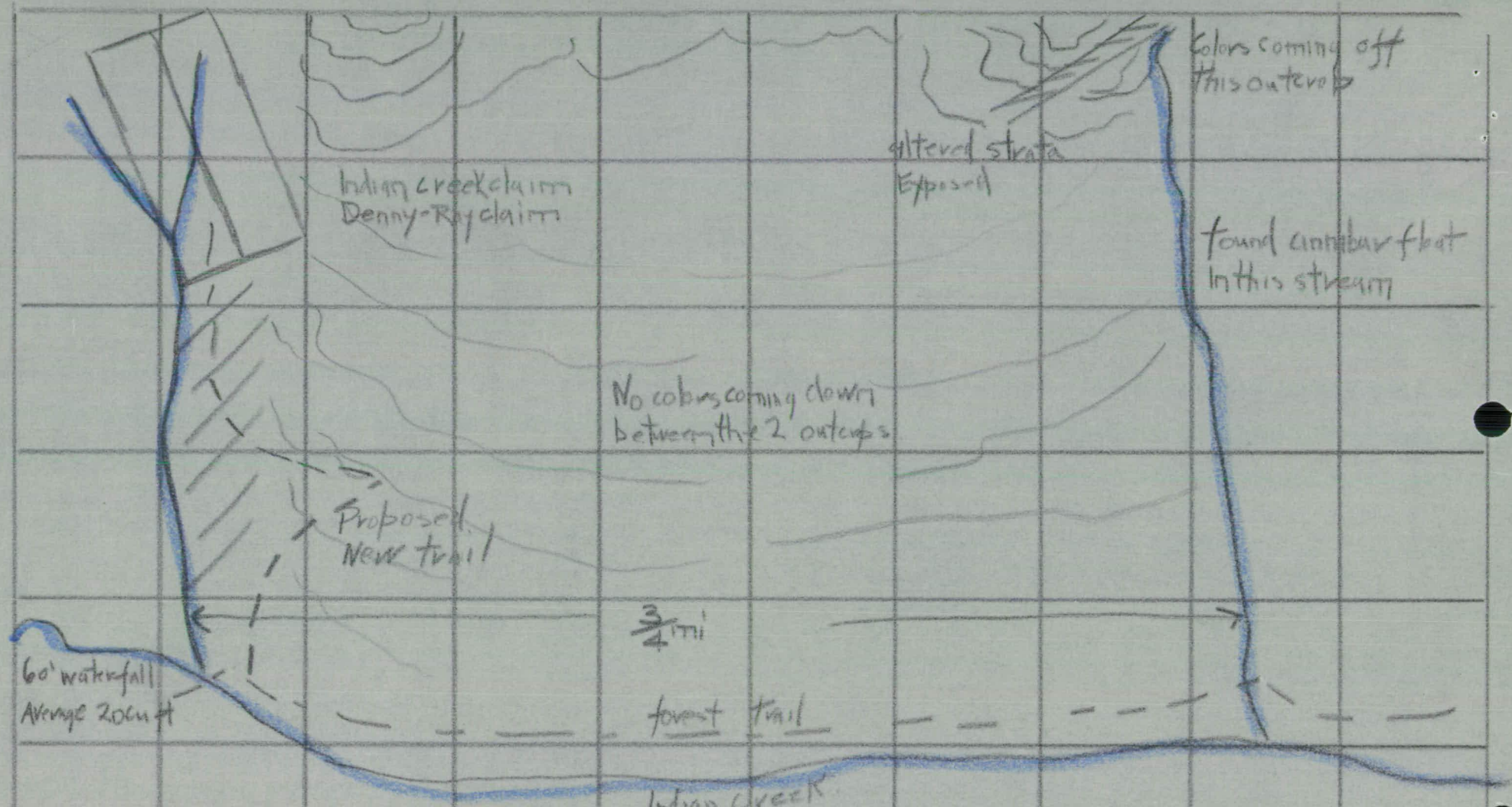
5. Packing supplies and transportation during job, $800.00.

6. Open trench cuts, $1,000.00.

(b) Job should be completed within 120 days to 180 days.

$15,


E
Cinnabar in place
100'
200'
300'
100'
tail pans on this hillside
200' test drill hole
Cinnabar in place
60'
float with cinnabar found on this hillside
15' tunnel into formation
1 assay 4.8#
100'
200'
300'
40'
15'
200' test Drill hole
tail pans on this hillside
Cinnabar in place
proposed (2) tent camp site (3) fly's
Cinnabar in place
Present camp site.
100
200'
300'
Property covered by (2) 11 claims on strike of vein
strike of vein N40° E
map area 300' 900'
Cinnabar float found in creek
old road new trail
W
Map A I



these two outcrops could be one and the same zones same type of rock.

Ray R. Whiting, Jr.
6226 22nd N. E.
Seattle, Washington

Milton F. Roumm
1920 Calhoun Street
Seattle, Washington.

4. Refer to Map AI.

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton F. Roumm
1920 Calhoun Street
Seattle, Washington

5. (a) At present camp facilities for two men.

1. 12 - 14 tent with fly.
2. 2 bed cots.
3. Dishes - utensils.
4. Hand tools for mining and camp.

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington.

6. Facilities needed for three man camp.

1.	12 - 14 tent.	$ 75.00
2.	2 flys.	70.00
3.	1 bed cot, 2 mattresses	30.00
4.	Flooring and building paper	40.00
5.	Additional kitchen equipment.	20.00
6.	1 cook stove, 1 heater	70.00
7.	2 flys for drill rig.	70.00
8.	Other necessary camp items as needed.	

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

7. Tentative bids from Lynch Brothers in Seattle, Washington; McClintock in Spokane, Washington. Job to be put on contract or rental of equipment, whichever seems advisable.

Ray R. Whiting, Jr.
6226 22nd N. E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington.

8.(a) The working crew should never exceed three men.

1. Supervisor- record drilling - tend camp, $20.00 per day.
2. Driller at $2.25 per hour or furnished in drill contract.
3. Driller's assistant, $12.00 per day.
4. One laborer during camp and trail construction, $12.00 per day.

Ray R. Whiting, Jr.
6226 22nd N. E.
Seattle, Washington

Milton F. Roumm
1920 Calhoun Street
Seattle, Washington.

9. Answered in questions.

Ray R. Whiting, Jr.
6226 22nd N. E.
Seattle, Washington

Milton F. Roumm
1920 Calhoun Street
Seattle, Washington

10. (a) $5,000.00

(b) Yes.

Ray R. Whiting, Jr.
6226 22nd N. E.
Seattle, Washington

Milton F. Roumm
1920 Calhoun Street
Seattle, Washington.

11. None.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2297

Date received 12-18-51

Ray R. Whiting, Jr.
6226 22nd N.E., Seattle, Wash.

Milton P. Roumm
1920 Calhoun St., Seattle, Wash.

Name and address of applicant

Date

INSTRUCTIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 18 1951

GENERAL TECHNICAL DATA

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

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

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin Fall of 1952.
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Ray R. Whiting, Jr. 6226 22nd N.E. Seattle, Washington							
Milton P. Roumm 1920 Calhoun Street Seattle, Washington							
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues: INAPPLICABLE **For Corporate Applicants**

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: NONE

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

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

12. Ore or Mineral Reserves:

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

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

1. (a) Cinnabar - Quicksilver

   (b) None

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

2. Indian Creek Quicksilver Mine

(a) None

(b) None

(c) 15'

(d) Small open cuts. Mine not flooded; no production.

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

3. (a) Naches, Washington. (34 mi.) easterly direction.

   (b) Teiton Mining District.

   (c) Yakima County, R. 12 E, T. 14 N.

   (d) Yakima County, Washington.

Ray R. Whiting, Jr.
6226 12th N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

4. (a) Exploratory only.

(b) Owner.

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

6. (a) My mining experience consisted of 4 years in the Prineville, Oregon cinnabar district. 1931 worked with my father who was a partner and operator of the No One Mining Co. Property consisted of 130' of vertical shaft, 200' of tunnels and crosscuts. Two 400# D tube retorts produced approximately 50 flasks. My work ran from working in mine, framing timbers, taking shift on retort.

Fall of 1932 until summer 1933. Sunk shaft, ran drift on new ore strike at Byram-Oscar Mine. Worked on new mill site.

August 1933, became partner on Horseheaven prospect. Staked claims, prospected ground, drove original tunnel to ore shoot, found outcrop. 1934 we installed 20 T. Herrshoff furnace, produced quicksilver until 1936, approximately 2,000 flasks. I kept mine and mill records, did assaying.

1942 - 1944. Worked cinnabar claims near Morton, Washington, never developed commercial ore. Over a 12 year period I have spent a great deal of time prospecting in the State of Washington, finding many small traces, but

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street,
Seattle, Washington.

6 (a) - Con't.

only filing claims at Morton and Indian Creek. I have been restaurant proprietor from 1937 to spring of 1951.

(b) I will operate property.

Ray R. Whiting, Jr.
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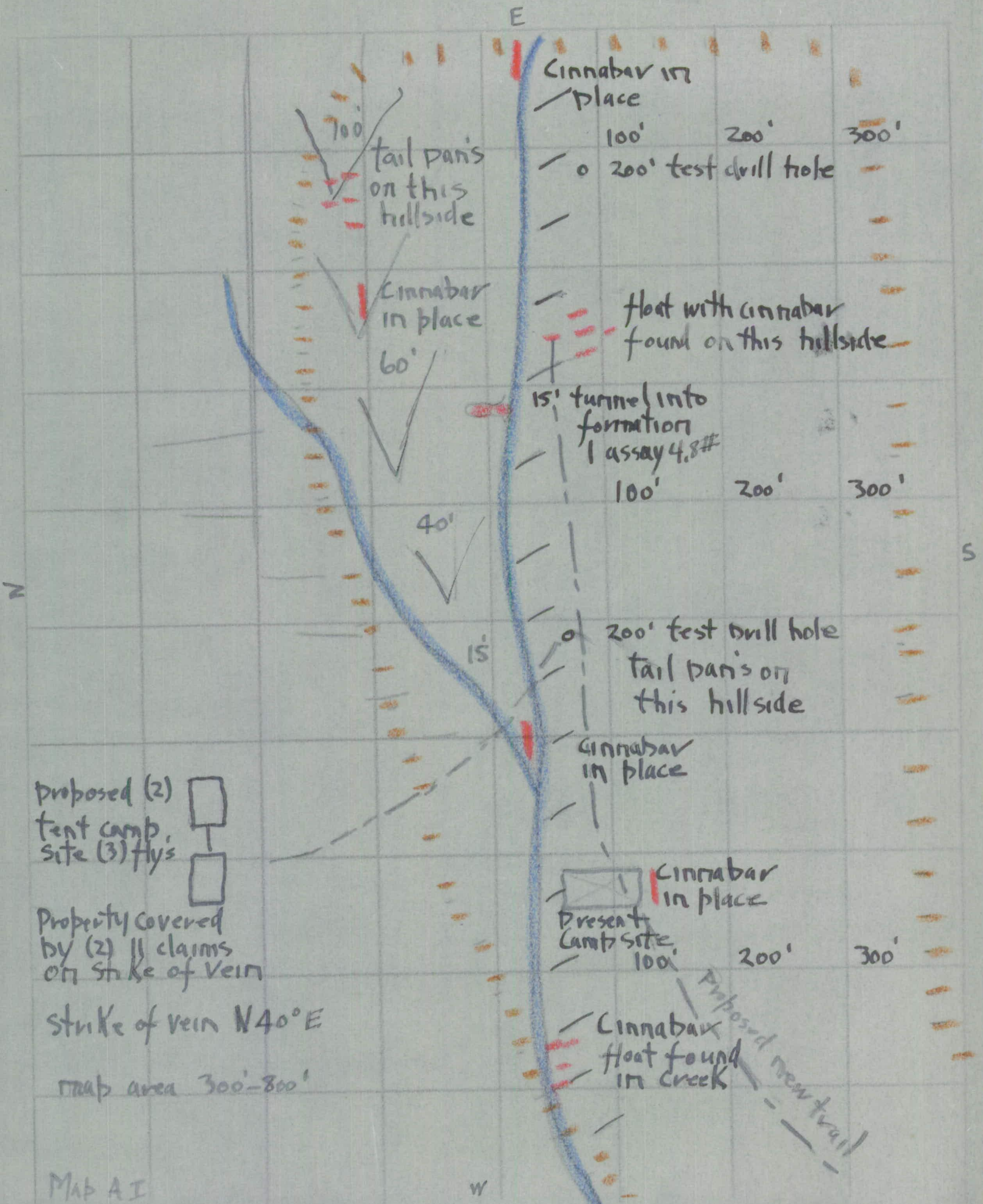
Seattle, Washington

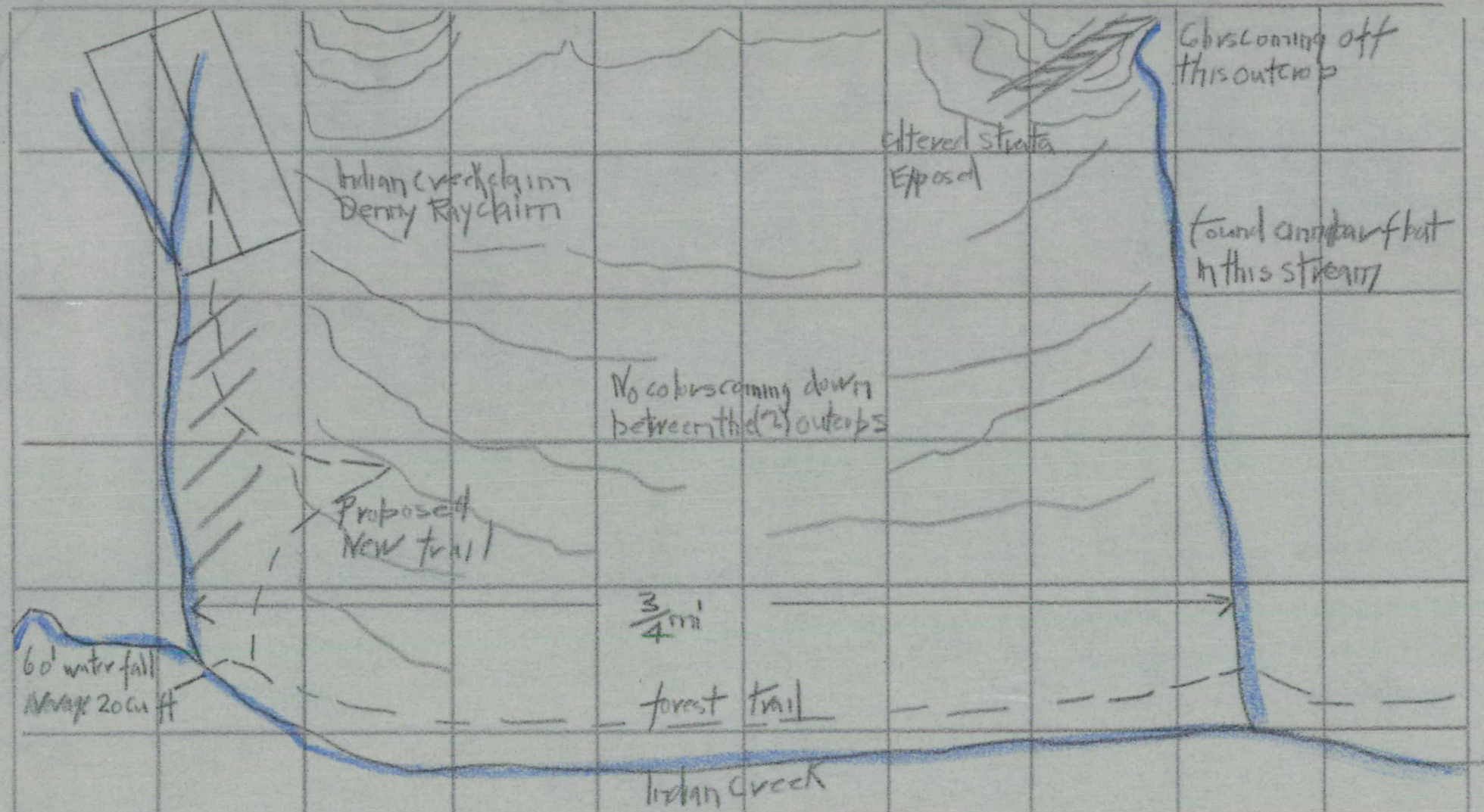
Milton P. Roumm
1920 Calhoun Street
Seattle, Washington.

7. (a) New property.

(b) Some years ago claim was filed and worked 4 miles in an easterly direction on Wildcat Creek. No production.

(c) No reports on present workings.


E
Cinnabar in place
100'
200'
300'
700'
tail pan's on this hillside
200' test drill hole
Cinnabar in place
float with cinnabar found on this hillside
60'
15' tunnel into formation 1 assay 4.8#
100'
200'
300'
40'
S
N
15'
200' test drill hole
tail pan's on this hillside
Cinnabar in place
proposed (2) tent camp site (3) fly's
Cinnabar in place
Present Camp site
100'
200'
300'
Property covered by (2) 11 claims on strike of vein
Proposed new trail
strike of vein N40°E
Cinnabar float found in creek
map area 300'-800'
Map A I
W



these two outcrops could be one and the same zones
Same type of rock

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington.

12. The ore body lies in altered granite formation. Its exposed area is approximately 300' in width, 1000' in length. Within this area there is cinnabar float and cinnabar in place at five different out croppings. Tail pannings are found along the entire strike of the vein. The cinnabar is of disseminated character. Refer to Map AI.

Ray R. Whiting, Jr.
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Seattle, Washington

Milton P. Roumm
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Seattle, Washington

13. Nearest shipping point is Naches, Washington (34 mi.)

29 miles of main highway, 2½ miles dirt forest road;

3 miles forest pack trail.

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Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

14. Water available all year around. 80' water falls, 20 cu. ft. or better.

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington

15. None available.

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington.

16. None

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6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington.

17. Tent house with fly, facilities for two; hand mining tools, wheel barrow, axe, saw.

Ray R. Whiting, Jr.
6226 22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun Street
Seattle, Washington.

18. None

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

Indian Creek Mines
(Name of company)

By [signature]
(Signature of authorized official)

Dec. 3, 1951
(Date)

Mgr.
(Title)

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

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

F-104 (Rev. April 1952)

Supplement Invoice

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 9 1953

Month of ..... 195.....
Operator's Name Ray R Whitney
Address 6226 22nd N.E.
Contract Amount, $ 18,425.00

Docket No. ~~DMEA~~ 2297
Milton P Roumm
1920 Calhoun Seattle Wn.
Government Participation: 75 %

Contract No. 1259
Minerals Cinnabar
Amount, $ 13,818.75

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling					8874.00	8874.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor				129.86	1598.14	1728.00
Supervision	200.00	2000.00	2200.00	200.00	2000.00	2200.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives					16.78	16.78
Pipe						
Track						
Small Tools					33.65	33.65
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.					310.18	310.18
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis					55.68	55.68
Payroll Taxes				51.55	72.21	77.76
Liability Insurance				90	115.20	114.30
transportation	125.00	379.50	404.50	124.00	379.50	503.50
					785.00	785.00
(8) Contingencies (specify):						
TOTALS	325.00	2379.50	2604.50	458.51	14,240.34	14,698.85

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

Date Dec 9/52 *Payee Milton P Roumm

Per Ray R Whitney Jr. Title Supervisor.

*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:

$ 343.88

Signature ..... (Authorized Certifying Officer)

Date 1/26/53 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-259 in accordance with the terms of the contract.

Signature /S/ Elwin A Mizell Title Mining Engr. Date 10/15/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E Howard Title Mining Engr. Date 1/27/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 63-38476

Ray R Thubay
6826 22nd N.E.
Seattle, Wn.

Mr. E.G. McGill
Bureau of Mines
1201 N. Division St.
Spokane, Wn.

Dear Mr. McGill

I am submitting a supplementary report to be included in the October invoice, with two additional items.

No. 1. Cut Kiste bill for bringing out the core boxes. ($125.00) work done in November.

No. II. ($200.00) for my supervision of getting out the core boxes, final report papers, and the balance of the time spent preparing the camp and equipment for the winter. I sincerely hope this will be allowed.

I guess that winds up the second phase of the contract.

Sincerely yours,

Ray R Thubay

Form 4-104 (Rev.)
(April 1952)

Wash

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R036.3.
Defense Minerals Administration
Approval expires 6-30-53.
RECEIVED
DEC 15 1952

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

Month of October 1952 Docket No. ~~DMEA~~ 2297 Contract No. 259
Operator's Name Ray R Whiting Jr Milton P Roumm Minerals Cinnabar
Address 6226 22nd N.E. 1920 Calhoun Seattle Wn.
Contract Amount, $ 18,425.00 Government Participation 75 % Amount, $ 13,818.75

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	2,898.00	5976.00	8874.00	2898.00	5976.00	8874.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	69.86	1598.14	1668.00	-0-	1598.14	1598.14
Supervision	400.00	1600.00	2000.00	400.00	1600.00	2000.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives					16.78	16.78
Pipe						
Track						
Small tools		33.65	33.65		33.65	33.65
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	113.87	196.31	310.18	113.87	196.31	310.18
(7) Miscellaneous:						
Repairs to Equipment		55.68	55.68		55.68	55.68
Sampling and Analysis		26.08	26.08	46.13	26.08	72.21
Payroll Taxes	112.32	20.80	133.12	94.40	20.80	115.20
Liability Insurance	17.50	362.00	379.50	17.50	362.00	379.50
transportation Much	365.00	420.00	785.00	365.00	420.00	785.00
(8) Contingencies (specify):						
TOTALS	3976.55	10,288.66	14,265.21	3934.90	10,305.44	14,240.34

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 14/52 *Payee Ray R Whiting Jr Milton P Roumm
Per Ray R Whiting Jr Title Supervisor

*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:

$ ~~2898~~ 2957.18

Signature
(Authorized Certifying Officer)

Date 12/11/52 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. 259 in accordance with the terms of the contract.

Signature Elmer A. Magill Title Mining Engr Date Nov 19, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Title Min Engr Date 11-19-52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. ~~DMEA~~ 2297 Contract No. 259
Operator's Name Ray R Whitington Jr Minerals Cinnabar
Address 6226 22nd N.E. M. Milton P Roumm 1920 Calhoun Seattle Wn.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core		3480.18	483'		1079'			
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Transportation		382.50		1164.50				
Total Distributed Costs		3862.68					Total Costs Authorized by Contract	
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		113.87		310.18				
Total Costs		3976.55						

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 14/52 Operator Ray R Whitington Jr / M. Milton P Roumm

Per Ray R Whitington Jr. Title Supervisor.

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Ray R Anthony
6726 22nd N.E.
Seattle Wn.

Mr. C.G. McGill.
Bureau of Mines
1201 N. Division St
Spokane 2 Wn

Dear Mr. McGill.

October we completed the drilling contract drilling a total of (483') during the month a complete total of (1479'), which was (79') over the Lynch Bros contract.

They did not allowed me anything for the last two holes that caved as they said it was I who quit the holes and that they would have sent up casing to go thru the cave area. That is correct as I did not want to lose the time in getting the casing up that near the end of the job.

I recall the addition and deletions from the reports I can not get a balance on the "Cost to date column" of the MF 102A invoice. As I'm fighting for time to get a rig back up to the digging on the school Bus. I trust you will do me the favor of getting a balance. Please do send it back if possible.

I will either see you or give you a call in the next (10) days. I'm sending along two sample sacks. One from hole (#12) and some dore I believe from hole (#8).

Sincerely yours,
Ray R Anthony

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 12

Date	From	To	No.	Geology	Remarks
10/10	0'	29'	29'	Green granite	
10/11	29'	55'	26'	Green granite	
10/12	55'	82'	27'	Green granite	
10/13	82'	108'	26'	Green granite	
10/14	108'	130'	22'	Hit altered granite	118' small trace cinnabar
10/15	130'	144'	14'	Green granite	132' for balance of hole

Hole started green granite, no cinnabar. Hit altered granite at 118' small trace cinnabar, altered to 132' then back into green granite balance of hole

Hole #12 50' East of Green point. Strike North 20° dip.

4 core boxes.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 12

Date	From	To	No.	Geology	Remarks
10/10	0'	29'	29'	Green granite	
10/11	29'	55'	26'	Green granite	
10/12	55'	82'	27'	Green granite	
10/13	82'	108'	26'	Green granite	
10/14	108'	130'	22'	Hit altered granite	118' small trace cinnabar
10/15	130'	144'	14'	Green granite	132' for balance of hole

Hole started green granite, no cinnabar. Hit altered granite at 118' small trace cinnabar, altered to 132' then back into green granite balance of hole

Hole #12 50' East of Green point. Strike North 20° dip.

4 core boxes.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 13

Date	From	To	No.	Geology	Remarks
10/16	0'	5'	5'	Altered granite	Cinnabar in core
10/17	5'	51'	46'	Altered granite	to 32' green granite
10/18	51'	58'	7'	Green granite	to 50' - altered to 58' Hole caved.

Hole started in altered granite, cinnabar in core. Hit green granite at 32' - 50' with bad cave area at 54' in sandy-like black granite. Hole finished in altered granite - quit hole because of cave.

Hole #13 at White Mine, Strike S.W. 65°, 15° dip.

2 core boxes

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 14

Date	From	To	No.	Geology	Remarks
10/22	0'	5'	5'	Altered granite	Small trace cinnabar
10/23	5'	46'	41'	Altered granite to 30' - green granite to 40'	
10/24	46'	65'	19'	Altered granite to 60' - green granite to 65'	

Hole started in altered granite. Hit green granite at 30'-40'. Cave area in black sandy granite. From 40'-60' altered granite with some crystalline cinnabar in core. 60'-65' green granite. Quit hole because of cave.

Hole #14 - 75' west of White mine. Strike S.W. 60° - 15° dip.

2 core boxes.

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

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. DMA 501

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Spokane, Wash
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E259

To Ray R. Whiting and Milton P. Roumm
(Payee)

6226 - 22nd N. E. Seattle, Wash.
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
September 1952		As per attached certified form MF-104 dated 10/20/52				3,143	40
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 3,143 40

(Payee must NOT use this space)

Differences .....

Account verified; correct for 3143 40

(Signature or initials) .....

Contract No. Idm-E259 Date Req. No. Date Invoice Rec'd.

3,143.40

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act,	3,143.40	3,143.40

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.....

16—22000a-2

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.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1003.3
Approval expires 6-30-53.
Defense Mineral Exploration Administration

NOV 3 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 2297 Contract No. 259
Operator's Name Ray R Whitney Jr M. Hon P Roumm Minerals Cinnabar
Address 6216 22nd N.E. 1920 Cultrouse Seattle Wn.
Contract Amount, $ 18,425.00 Government Participation: 75 % Amount, $ 13,818.75

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	3,168.00	2808.00	5976.00	3168.00	2,808.00	5,976.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	120.00	1450.94	1570.94	147.20	1450.94	1598.14
Supervision	800.00	800.00	1600.00	800.00	~~1488.65~~	1600.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives					16.78	16.78
Pipe						
Track						
Small tools		40.52	40.52		33.65	33.65
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		310.18	310.18		196.31	196.31
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	8.00	47.68	55.68	8.00	47.68	55.68
Payroll Taxes	76.16	26.08	102.24	-0-	26.08	26.08
Liability Insurance		20.80	20.80		20.80	20.80
transportation	68.00	294.00	362.00		294.00	294.00
" Mach.		420.00	420.00	68.00	420.00	488.00
(8) Contingencies (specify):						
TOTALS	4290.16	6218.20	10,458.36	4,191.20	6114.24	10,305.44

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

Date Oct 20/52 *Payee Ray R Whitney Jr M. Hon P. Roumm

Per Ray R Whitney Jr Title Superintendent

*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:

$ 3,143.40

Signature (Authorized Certifying Officer)

Date 10/30/52 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. 259 in accordance with the terms of the contract.

Signature Elmer A. Magill Title Mining Engr Date Oct 22 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 3 1952

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 2297 Contract No. 259
Operator's Name Ray R Whiting Jr Milton P Roumm Minerals Cinnabar
Address 6226 22nd N.E. 1920 Calhoun Seattle, Wn.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core		4172.16	528'	7348.19	996'			
Churn								
Auger								
Stripping								
Trenching				2170.31				
Test Pits								
Roads and Trails Transportation		68.00		782.00				
Total Distributed Costs		4240.16						Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				310.68				
Total Costs		4240.16		10,610.68				

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. 20 1952 Operator Ray R Whiting Jr Milton P Roumm

Per Ray R Whiting Jr Title Supervisor

→ 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: Error in cost to date.

Total amount 10,610.68

Assay cost omitted in August report 47.68

10,658.36

Less supervision 200.00

Correct amount 10,458.36

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

Ray R Whiting Jr.
Indian Creek Corral
Naches Wn.

Mr. E. C. McGill.
Bureau of Mines
1201 N. Division St.
Spokane. Wn.

Dear Mr. McGill

September was spent with continued diamond drilling. We completed hole no. (5) and were working on no. (10) and (11) at the end of September.

Lynch Bros carried their bill into October and I'm using that as a figure for the months drilling. a total of (562')

Also I rehired Jim McAlison for digging in some drill set ups and cutting wood, subsequently he went back on the drill, but unfortunately was hurt, which prompted us to get the third helper.

Next month I will have the total figure for State Industrial deduction.

Sincerely yours,
Ray Whiting

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 5

Date	From	To	No.	Geology	Remarks
9/1	64'	110'	46'	Green granite	69' - 75' finished hole in altered no cinnabar

Hole started in green granite to 14' from there to 64' fair cinnabar. Went into green granite at 69' - 75', then into altered.

Hole No. 5 drilled at west end at falls. Strike south, 61° dip, 110' in depth.

110' core and core boxes - 2 sample sacks.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 6

Date	From	To	No.	Geology	Remarks
9/2	0'	6'	6'	Hard altered granite, no cinnabar	
9/8	6'	34'	28'	Hard altered granite, hit green granite at 34'	

Hole started in hard altered granite, no cinnabar and at 34' hit green granite, quit hole.

Hole No. 6 400' west of tent site at creek level. Strike south, 20° dip.

30' core - 1 core box -- 2 sample sacks

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 7

Date	From	To	No.	Geology	Remarks
9/10	0'	5'	5'	Altered granite - trace cinnabar in core	
9/11	5'	51'	46'	Altered granite - cinnabar in core	
9/12	51'	76'	25'	Altered granite - 68' - 74' crystalline cinnabar in core.	
9/13	76'	104'	28'	Hit green granite at 76' - balance of hole in granite.	

Hole started in altered granite. Some fair crystalline cinnabar in core, best showing from 68' - 74', hit green granite at 76'

Hole No. 7 - 20' west of tunnel site, strike south, 80° dip.

104' core - 4 core boxes -- 1 sample sack.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 8

Date	From	To	No.	Geology	Remarks
9/14	0'	30'	30'	Altered granite - cinnabar in core - good pannings	
9/15	30'	68'	38'	Altered granite - cinnabar in core - good pannings	
9/16	68'	95'	27'	Altered granite - cinnabar in core - good pannings	
9/17	95'	132'	37'	Altered granite - cinnabar in core - good pannings	
9/18	132'	169'	37'	Altered granite - cinnabar in core - good pannings	
9/19	169'	199'	30'	Altered granite - cinnabar in core - good pannings	
9/20	199'	221'	22'	Altered granite - lost water in hole	
9/21	221'	234'	13'	Altered granite - crystalline cinnabar at 218'	
9/24	234'	242'	8'	Altered granite - trace cinnabar	
9/26	242'	268'	26'	Altered granite - trace cinnabar	
9/27	268'	290'	22'	Green granite 285' - quit hole	

Hole No. 8 - was drilled all the way in altered granite. Some good cinnabar showings in core. Crystalline cinnabar showing at 218', balance of hole -- trace. Hit green granite at 285'.

Hole No. 8 - 20' west of tunnel site at creek level. Strike south, dip 45°.

237' of core - 9 core boxes - 2 sample sacks.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole No. 9

Date	From	To	No.	Geology	Remarks
9/29	0'	15'	15'	Altered granite from 10' - 40'	crystalline cinnabar in core.
9/30	15'	54'	39'	Altered granite from 40' - 50'	no cinnabar, hit green granite at 54'

Hole No. 9 -- 100' west of green point. Started hole in altered granite, good showing of crystalline cinnabar from 10' - 40'. From 40' - 50' altered granite no cinnabar, hit green granite at 54'

Hole No. 9 - 100' west of green point, strike 85° east of north, 27° dip.

50' of core - 2 core boxes.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 10

Date	From	To	No.	Geology	Remarks
10/1	0'	10'	10'	Altered granite	Crystalline cinnabar in core
10/2	10'	49'	39'	Altered granite	Crystalline cinnabar in core
10/3	49'	60'6"	11'6"	Altered granite	Crystalline cinnabar in core

Hole started in altered granite, crystalline cinnabar in core from collar.

Hole No. 10 at green point, strike north, 45° dip.

Put this hole to a depth of 150' in altered granite. Cinnabar in core to 86', balance of hole altered rock but no cinnabar.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 11

Date	From	To	No.	Geology	Remarks
10/3	0'	24'	24'	Altered granite - small trace cinnabar	
10/4	24'	61'	37'	Altered granite - hit crystalline cinnabar 25' - 45'	

Hole started in altered granite. Crystalline cinnabar from 25' - 45'. From 45' no cinnabar. Hit green granite at 63' - quit at 66'.

Hole at Green Point. Strike south, 60° dip.

60' core - 2 core boxes - 2 sample sacks.

1201 North Division Street
Spokane 2, Washington
October 31, 1952

Mr Ray R. Whiting, Jr.,
6226 - 22nd N. E.
Seattle, Washington

Subject: September invoice, contract Idm-E259

Dear Mr. Whiting:

We are enclosing your copy of the subject invoice and call your attention to the following changes which we have made.

1. We note you have added the $27.20 which you failed to include with your Labor cost on the July invoice, to the amount shown under Payroll Taxes. We have transferred this to Labor.

2. We have deducted the Payroll Tax balance of $48.96 inasmuch as we were unable to check your computation of this item. You may reclaim this on your next invoice if you will show the exact amount of the payroll it was figured on, the rates used for computing social security deduction, the unemployment compensation, etc.

3. The amount of $200.00 which had previously been carried as a deduction under Contingencies, has been transferred as a deduction from Supervision in the column "Approved Totals Previously Reported".

4. The amount of $8.00 covered by a statement from Laucks Testing Laboratories has been allowed. However, we request that you send us the original invoice covering this charge or a certified copy of the invoice.

Yours very truly,

M. E. Volin, Member
DMEA Field Team, Region II

cc: Wash. (2)
DF
DMEA-AD

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

Washington

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. DMA-L27

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 10/13/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm 259

To Ray R. Whiting and Milton P. Roumm,
(Payee)

6226 -22 N. E., Seattle, Washington
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	August 1952	As per attached certified form MF-104 dated September 4, 1952				2,805	95
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	2,805	95

(Payee must NOT use this space)

Differences .....

Account verified; correct for 2,805 95

(Signature or initials) .....

Contract No. Idm 259 Date Req. No. Date Invoice Rec'd.

2,805.95

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4101	~~Revolving Fund, Defense Production Act,~~ Interior	2,805.95	2,805.95

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..... OCT 3 1952

16—22900a-2

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.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

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

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

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

Month of August, 1952 Docket No. DMEA 2297 Contract No. 259
Operator's Name Ray R Whiting Jr - Milton P Roumm Minerals Cinnabar
Address 6226 22nd N.E. 1920 Calhoun Seattle, Wn.
Contract Amount, $ 18,425.00 Government Participation: 75 % Amount, $ 13,818.75

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	2808.00	—	2808.00	2808.00	—	2808.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	351.14	1099.80	1450.94	351.14	1099.80	1450.95
Supervision	400.00	1000.00	1400.00	—0—	1000.00	1000.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives		16.78	16.78		16.78	16.78
Pipe						
Track						
Small tools	10.63	29.89	40.52	3.76	29.89	33.65
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	160.97	149.21	310.18	47.10	149.21	196.31
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		47.68	47.68		47.68	47.68
Payroll Taxes	6.26	19.82	26.08	6.26	19.82	26.08
Liability Insurance		20.80	20.80		20.80	20.80
transportation	105.00	189.00	294.00	105.00	189.00	294.00
" mach	420.00	—	420.00	420.00		420.00
(8) Contingencies (specify): Supervision allowed in excess of Contract - Stegel						
TOTALS	4262.00	~~2508.52~~ 2572.98	~~6770.52~~ 6834.98	3746.26	2372.98	6114.24

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

Date Sept 4/52 *Payee Ray R Whiting Jr / Milton P. Roumm

Per Ray R Whiting Jr. Title Supervisor

*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:

$ 2805.95

Signature WRSD
(Authorized Certifying Officer)

Date 10-13-52 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. 259 in accordance with the terms of the contract.

Signature Clement A. Mazzill Title Mining Engr Date Sept 24, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1952 Docket No. DMEA 2297 Contract No. 259

Operator's Name Ray R Whiting Jr & Milton P. Rouimm Minerals Cinnabar

Address 6226 22nd N.E. Seattle Wn - 1920 Calhoun Seattle, Wn.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes	468	~~3576.03~~ 3169.16	468	~~3576.03~~ 4104.18				
Drilling: Core								
Churn								
Auger								
Stripping				~~2170.31~~ 1099.80				
Trenching								
Test Pits								
Roads and Trails Transportation		525.00		714.00 OK				
Total Distributed Costs		~~4101.03~~ 3694.16		~~6460.34~~ 5917.93				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		47.70		196.87				
New Buildings, Improvements, etc.		~~160.97~~		~~310.18~~				
Total Costs		~~4262.00~~ 3741.86		~~6770.52~~ $ 6114.80				

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

Date Sept. 18/52 Operator Ray R Whiting Jr & Milton P Rouimm

Per Ray R Whiting Jr. Title Supervisor

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

[illegible]
[illegible]
[illegible]

[illegible]
[illegible]
[illegible]

Dear Sir:

We begin work on the second phase of our contract Aug 2/52. This will consist of building access road from Fairmont creek south to creek bed then built trail along creek bed to head of footpath to East end, at the second trail.

Aug 12th, started bringing in tools and equipment by Cat. Work was not started fast this week. Cut approx. [illegible] miles at the East end of trail.

Yours very truly,

[illegible]

U.S. [illegible]
RECEIVED
SEP 5 [illegible]
[illegible]

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

HOLE 1

Date	From	To	No.	Geology	Remarks
8/16	0'	18'	18'	Altered granite	Small trace cinnabar
8/17	18'	63'	45'	" "	" " "
8/18	63'	90'	27'	" "	" " "
8/19	90'	132'	42'	Granite	Drilled into solid granite; no cinnabar (86')
8/20	132'	166'	34'	Granite	Drilled into solid granite; no cinnabar
8/21	166'	176'	10'	Granite	Drilled into seammy granite; small trace cinnabar
8/22	176'	198½'	22½'	Granite	Drilled into solid granite; quit hole

Small trace of cinnabar from collar of hole to 86', then balance of hole was in hard granite. No cinnabar except small trace 170'-178' in some seammy granite.

Hole was drilled at west end of outcrop 36' west of cut log at creek level. Hole 30° E. of N., approx. 20° dip.

175' of core. 7 core boxes.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

HOLE 2

Date	From	To	No.	Geology	Remarks
8/24	0'	26'	26'	Altered granite	Small trace cinnabar from collar
8/25	26'	71'6"	45'6"	" "	Small trace

Hole No. 2 west end (falls) 26° dip, strike east length of hole 71'6". Hole started in altered granite with cinnabar trace thru-out. Hit granite at 54', then back into altered granite, continued for 17', then quit hole.

3 core boxes - approx. 60' core

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

HOLE 3

Date	From	To	No.	Geology	Remarks
8/26	0'	23'	23'	Altered granite	Cinnabar throughout hole.

8/26—Hole No. 3, west end at falls, 25° dip, strike south. Quit hole at 23' because of core. Cinnabar throughout length of hole.

1 core box - approx. 16' core.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

HOLE 4

Date	From	To	No.	Geology	Remarks
8/27	0'	28'	28'	Altered granite	Cinnabar in most of core
8/28	28'	68'	40'	Altered granite	Cinnabar in most of core
8/29	68'	111'	43'	Altered granite	to 80', then granite to 100', 11' altered.

Hole No. 4, west end at falls, 28° dip, strike south. Fair cinnabar from collar of hole to 80', then hole went into solid granite, broke through granite into altered rock. Small trace of cinnabar at 100'. Continued on for 11' more, then quit hole.

4 core boxes - approx. 100' core.

Indian Creek Mercury

Whiting & Roumm
Docket No. DMEA 2297

Mercury
Contract Idm-E259

Hole 5

Date	From	To	No.	Geology	Remarks
8/30	0'	38'	38'	Green granite to 14', altered cinnabar to 38'	
8/31	38'	64'	26'	Altered granite from 14' to 64'; fair cinnabar showing	

2 core boxes - approx. 50' core.

Hole No. 5 - west end at falls, 56° dip, strike south. 64' of hole - Aug. 31, 1952. Hole was in green granite for first 14', then has been in altered rock with fair cinnabar showing.

Total footage of month 468'. Work began 8/16/52

Standard Form No. 1034a—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

D. O. Vou. No. .....

Bu. Vou. No. DMA-375

Defense Minerals Administration
RECEIVED
SEP 12 1952

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 9/8/52
(Give place and date)

PAID BY

(For use of Paying Office)

THE UNITED STATES, Dr., Payee's Account No. 259

To Ray R. Whiting Jr., Milton P. Roumm,
(Payee)

6226 22nd N. E. Seattle, Washington
(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 net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	July 1952	As per attached certified form MF-104 dated August 6, 1952				354	90
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 354 90

(Payee must NOT use this space)

Differences .....

Account verified; correct for 354 90

(Signature or initials) .....

Contract No. 259 Date Req. No. Date Invoice Rec'd.

354.90

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	354.90	354.90

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.....

16—22900a-2

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.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

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

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

Month of July 1952 Docket No. DMEA 2297 Contract No.
Operator's Name Ray R Whiting Jr - Milton P. Roumm Minerals Cinnabar
Address 6226 22nd N.E. 1920 Calhoun Seattle Wn.
Contract Amount, $ 18,425.00 Government Participation: 75 % Amount, $ 13,818.75

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	188.80	911.00	1099.80	188.80	911.00	1,099.80
Supervision	400.00	600.00	1000.00	400.00	600.00	1000.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives		16.78	16.78		16.78	16.78
Pipe						
Track						
Small tools		29.89	29.89		29.89	29.89
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		149.21	149.21		149.21	149.21
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	18.00	29.68	47.68	18.00	29.68	47.68
Payroll Taxes	5.40	14.42	19.82	5.40	14.42	19.82
Liability Insurance		20.80	20.80		20.80	20.80
Transportation	61.00	128.00	189.00	61.00	128.00	189.00
(8) Contingencies (specify): Supervision previously allowed in Phase 1 in excess of Cont.						
TOTALS	$473.20	$1899.78	$2372.98	473.20	1899.78	2372.98

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

Date Aug. 6/52 *Payee Ray R Whiting Jr Milton P Roumm

Per Ray R Whiting Jr. Title Supervisor

*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:

$ 354.90

Signature
(Authorized Certifying Officer)

Date 9/8/52 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. 259 in accordance with the terms of the contract.

Signature Elmer A. Mazzi Title Mining Engr Date Aug 13, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Title Mining Engr Date 8/13/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 12 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1952 Docket No. DMEA 2297 Contract No. 259
Operator's Name Ray R Whiting Jr - Milton P Roumm Minerals Cinnabar
Address 6226 22nd N.E. 1920 Calhoun Seattle, Wn.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching		188.80	235'	1099.80	1555'			
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		188.80	235	1099.80				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		29.89		29.89				
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				149.21				
TOTAL COSTS				1278.90				

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

Date Aug. 6/52 Operator Ray R Whiting Jr. Milton P. Roumm

Per Ray R Whiting Jr. Title Supervisor.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

Seattle Wash.
June 26th 1908.
Seattle Wn.

Mr. C. L. McNeil
U.S. Bureau of Mines
Pell & Bergen St.
Spokane, Wn.

Dear Sir:

My July report covers an 7 day period which completes the first phase of our contract which consisted of trenching and surface exploration. It seems to be within the "2000" yards allowed leaf for two items.

We have being the amount allowed for my extension at the end of July I have submitted a bill of $1100.00 ($200.00) of which covered the last two weeks of May which were spent in preparing for the operation and $900.00 for the month of June covering the major part of the trenching. The month of July being mostly spent in getting ready for the second phase of the contract diamond drilling. The second item being the amount spent in July for horse transportation all of which was connected with getting ready for the drilling.

So that these two items will be carried over on the second phase of the contract and charged to the amounts allowed there. I am writing this letter as the c[illegible] and we are in the process of moving the drilling equipment to the property.

Sincerely yours,

Wm. R. Hulsey Jr.

Standard Form No. 1034a—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

D. O. Vou. No. .....

Bu. Vou. No. DMA-322

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 8/8/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. 259

To Ray R. Whiting, Jr. and Milton P. Roumm,
(Payee)

6226 22nd N. E., Seattle Washington
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	June 1952	As per attached certified Form MF-104 dated July 10, 1952				995	32
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	995	32

(Payee must NOT use this space)

Differences .....

Account verified; correct for 995 32

(Signature or initials) .....

Contract No. 259 Date Req. No. Date Invoice Rec'd.

995.32

MEMORANDUM

5

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	995.32	995.32

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.....

16—22900a-2

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.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

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

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

5

Month of June 1952 Docket No. DMEA 2297 Contract No. 259
Operator's Name Ray R Whiting Jr. & Milton P. Roumm Minerals Cinnabar
Address 6226 22nd N.E. Seattle, Wn.
Contract Amount, $ 18,425.00 Government Participation: 75 % Amount, $ 13,818.75

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	758.70	152.30	911.00			
Supervision	400.00	200.00	600.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives	3.61	13.17	16.78			
Pipe						
Track						
Small tools	29.89	—	29.89			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		149.21	149.21			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	29.68	—	29.68			
Payroll Taxes	14.42	—	14.42			
Liability Insurance	20.80	—	20.80			
Transportation	70.00	58.00	128.00			
(8) Contingencies (specify):						
TOTALS	1327.10	572.68	1899.78	1327.10	572.68	1899.78

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

Date 7/10/52 *Payee Ray R Whiting Jr / Milton P. Roumm

Per Ray R Whiting Jr. Title Superviser

*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:

$ 995.32

Signature _____
(Authorized Certifying Officer)

Date _____ Vou. No. _____
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 15259 in accordance with the terms of the contract.

Signature Elmer A. Mazzeli Title Mining Engr Date July 15, 1952

APPROVAL BY DMEA. EXECUTIVE OFFICER OR ALTERNATE:

Signature M E Malin Title Member, DMEA Field Team Date July 17, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

5

Month of June 1952 Docket No. DMEA 2297 Contract No. 259
Operator's Name Ray R Whiting Jr. - Milton P Roumm Minerals Cinnabar
Address 6226 22nd N.E. Seattle, Wn.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching	Ft ~~1095'~~	$758.70	1095'	$911.00	1320'		1200	
Test Pits								
Roads and Trails								
Total Distributed Costs		758.70	1095'	$911.00				Total Costs Authorized by Contract
Operating Equipment Purchased		29.89		29.89				
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				149.21				
Total Costs				$1090.10				

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

Date 7/10/52 Operator Ray R Whiting Sr / Milton P. Roumm

Per Ray R Whiting Jr. Title Superviser

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

JUL 9 1952

Wm. T. McDell
6224 27th N.E.
Seattle, Wn.

Mr. C. J. McDell
1201 N. Division St
Spokane 2, Wash

Dear Mac,

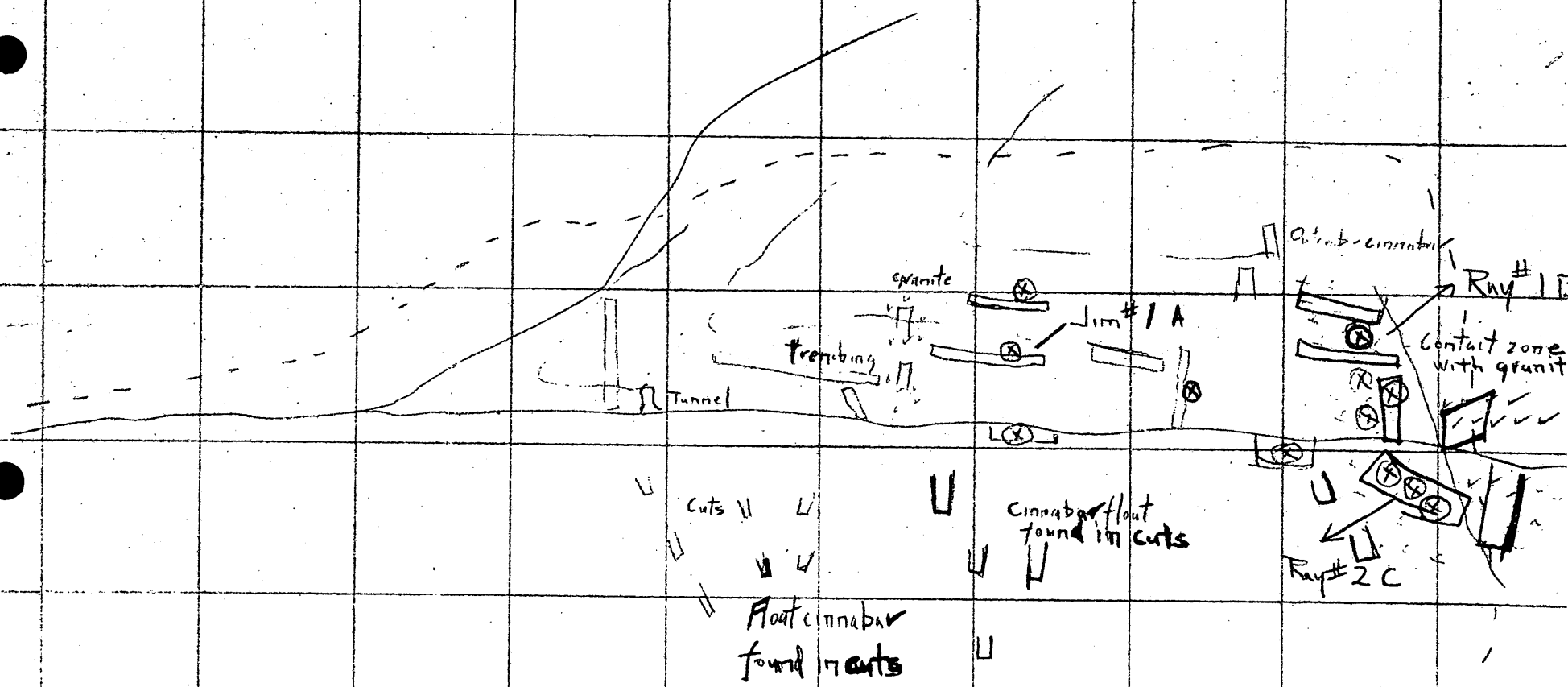
June 2/52 found new outcrop below the ~~that~~ camp at the creek level, and filed Kinnan claim, which was sent on to you from the County auditor of Yakima County, Washington.

After trenching outcrop found cinnabar in a 30-40 area in width approx 160 in length, in that area took (2) grab samples of cinnabar from (5) cuts approx 100# each get 2.60# per ton 2.28# per ton. Also ($) assays run from 5.11# per ton. The cinnabar seemed to be pretty much thru that 30-40 area.

From the lower workings went up creek and other three finding cinnabar in place at several points found good outcrop at the extreme end of property assays of 1.19# per ton 4# per ton. Trenching showed form pockets rather than lodes better ore.

Sincerely
Wm. T. McDell Jr.

3 Assay's
Jim #1A --- 4.#
Ray #1B --- 4.#
Ray #2C --- 1.6#

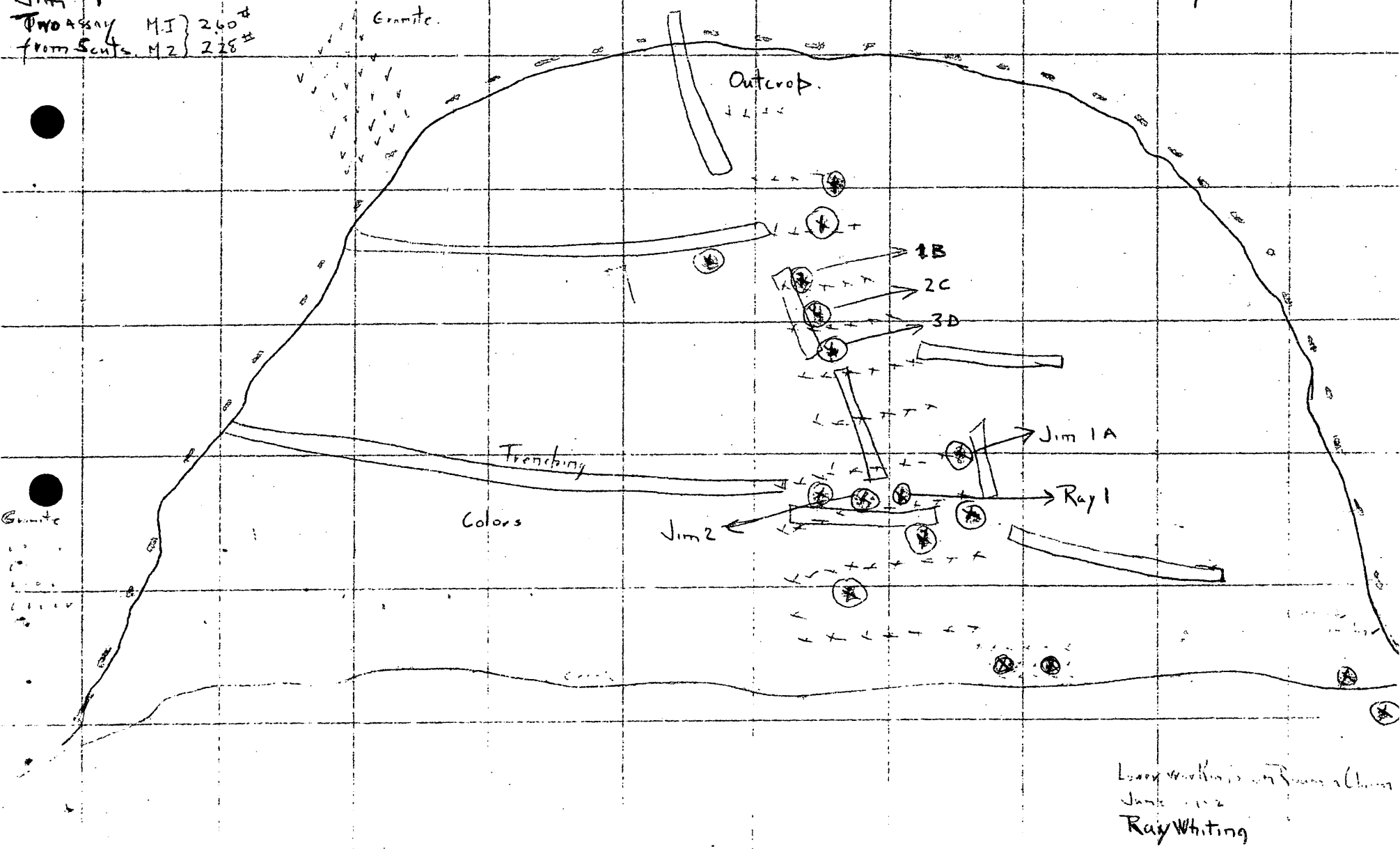


Upper surface workings
Donny-Ray Claims
June 1952
Ray Whiting

7 Assays

Ray 1	B	11.6#
Ray 2	C	9.2#
Ray 3	D	8.8#
Jim 1	A	5.8#
Ray	1	2.50#
Jim	1	5.01#
Two Assay from Scuts	M.1	2.60#
	M.2	2.28#

Cinnibar found in 30'-40' width zone. Appr. 100' Long.



Ray Whiting

METALLURGICAL LABORATORY

WILLIS H. OTT

ASSAYERS
Umpire and Smelter Control

METALLURGISTS
5200 AIRPORT WAY
SEATTLE 8

CHEMISTS
Physical and Chemical Testing

No. 2907

CERTIFICATE OF ANALYSIS

Date June 13, 1952

Submitted by Ray Whiting

Sample No "M" Claim No. 1 Mercury ..... 2.60 lb per ton.

" No. "M" Claim No. 2 Mercury ..... 2.28 lb per ton.

" No. Ray Whiting No. 1 Mercury ..... 2.50 lb per ton.

" No. Jim Sample No. 2 Mercury ..... 5.01 lb per ton.

METALLURGICAL LABORATORY.

CERTIFICATE

LAUCKS TESTING LABORATORIES

1005 WESTERN AVENUE
SEATTLE, WASHINGTON

CHEMISTS, ENGINEERS
ASSAYERS, INSPECTORS
ANALYTICAL RESEARCH

Mrs. Milton Rauch
1520 Gilbert Street
Seattle, Washington

Date 7/28
Report No. 15913

Sample Identification

A Parkell Jar #1
B " Jar #2
C " Jar #2

Test Performance and Results

	Barium (Ba)	Potassium (K)
A	0.20%	1.0
B	0.20%	34.0
C	0.08%	1.0

Respectfully submitted,

LAUCKS TESTING LABORATORIES, INC.

CERTIFICATE

LAUCKS TESTING LABORATORIES
INCORPORATED

1008 WESTERN AVENUE
SEATTLE 4, WASHINGTON

CHEMISTS • ENGINEERS
ASSAYERS • INSPECTORS
SPECTROGRAPHERS

Indian Creek Mines
1920 Calhoun Street
Seattle, Washington

Date 6/24/52
Laboratory No. 115853

Report on ORE

Sample marked A Marked Jim 1
B " Ray 1
C " " 2
D " " 3

Test Performed and Results

	A	B	C	D
Mercury calculated as Hg ----	0.29%	0.56%	0.46%	0.11%
Pounds per Ton ----------	5.8	11.6	9.2	8.8

Respectfully submitted,

LAUCKS TESTING LABORATORIES, INC.

By

T.C.mj

THIS REPORT IS SUBMITTED FOR THE EXCLUSIVE USE OF THE PERSON, PARTNERSHIP, OR CORPORATION TO WHOM IT IS ADDRESSED, SUBJECT TO THE USE OF THE NAME OF THE COMPANY OR ANY MEMBER OF ITS STAFF

Standard Form No. 1034a—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

D. O. Vou. No. .....

Bu. Vou. No. DMA-275

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 6/24/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E 259

To Ray R. Whiting, Jr. and Milton P. Rouma,
(Payee)

6226 22nd N. E. Seattle, Washington
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	May 1952	As per attached certified form MF-104 dated June 7, 1952				429	51
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 429 51

(Payee must NOT use this space)

Differences .....

Account verified; correct for 429 51

(Signature or initials) .....

Contract No. Idm-E 259 Date Req. No. Date Invoice Rec'd.

429.51

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X1401	Revolving Fund, Defense Production Act, Interior	429.51	429.51

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.....

16—22900a-2

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.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

MF-104
(August 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 259

Ray R. Whiting, Jr., 6226 22nd N.E., Seattle, Washington and Milton P. Roumm

Name of Operator ~~Indian Creek Mercury Mine~~
Docket No. DMA 2297
Total Contract Amount $ 18,425.00
Government Participation: 75 % Amount, $ 13,818.75
Distribution of Expenditures for Month of May/52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1951

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

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

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

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

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

CERTIFICATION

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

Indian Creek Mercury Mine
(Name of Company)

By Ray R Whiting Jr.
(Signature of Authorized Official)

June 6/52
(Date)

Partner (Supervisor)
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities as listed for camp	46.42			149.21		
(b) Buildings purchased						
1 only tent 12x14	64.80	1 only tent 12x14				
1 only fly 12x14	32.40	1 only fly 12x14		-0-		
tax	2.93					
lumber + nails	2.67					
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1] small tools	17.99			-0-		
(b) Rented[2]						
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

Ray Hatfield
16 Lt C Wate
Box 637
Anchor, Ore

Mr. O. M. Gill
Rt. 1 Dawson St.
Spokane 2, Wn.

Dear Mr. Gill,

In regards to our operation of the Indian Creek Mining project, I began on the starting date May 15, 1952. At that time I made a 5 day trip into the property to determine the condition of the old camp and the snow condition. At that time I found it advisable to begin operation.

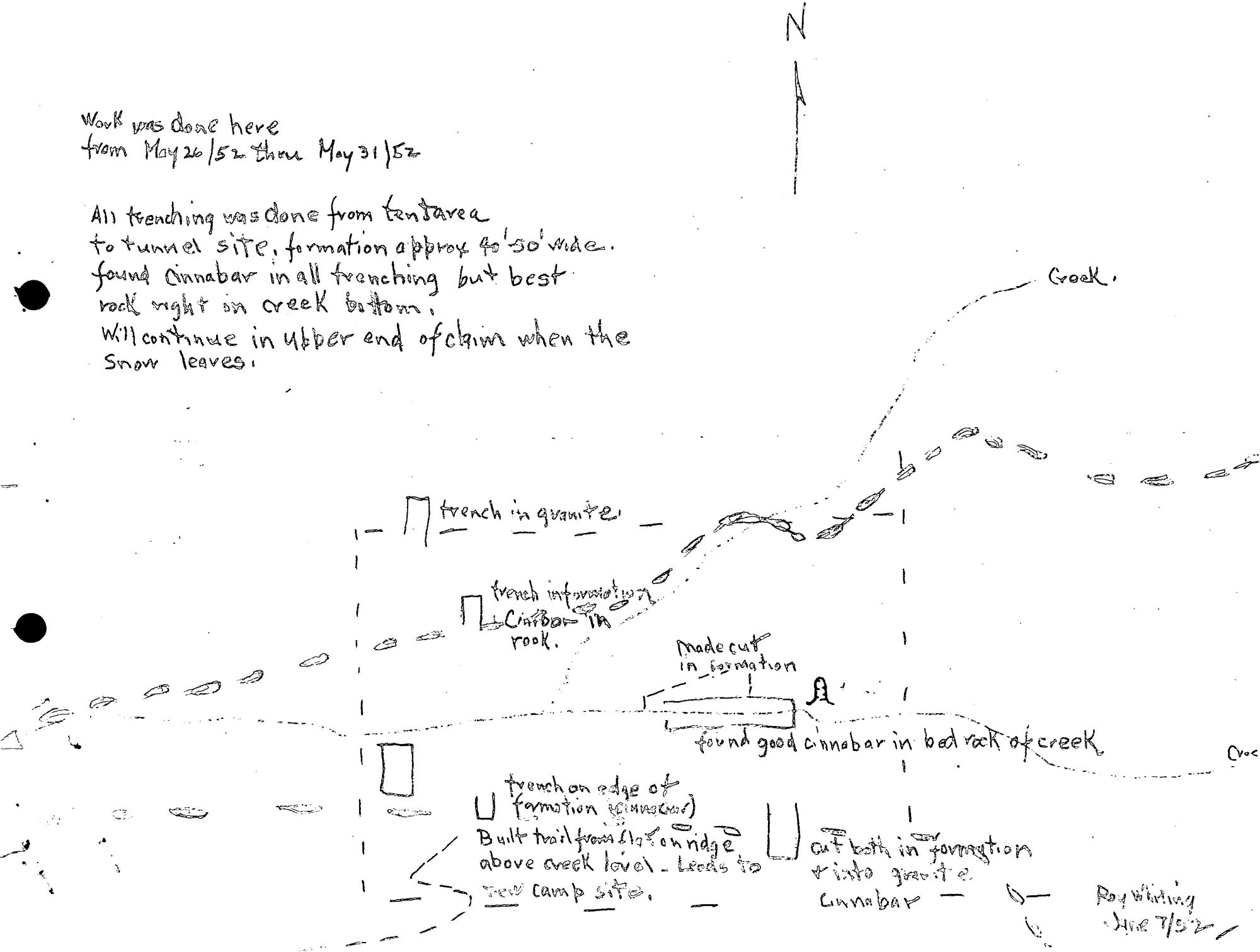
The next seven days I spent in making preparations to move on to the property. We began operation on May 26/52 with myself and two men. First building a new tent camp on access trail to the creek which took two days, the balance of the month four days was spent trenching, as I have shown on a map.

Sincerely,

Ray K. Hatfield

Work was done here
from May 26/52 thru May 31/52

All trenching was done from tent area
to tunnel site, formation approx 40'-50' wide.
found Cinnabar in all trenching but best
rock right in creek bottom.
Will continue in upper end of claim when the
snow leaves.



MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3] 2 men	152.30					
5. Supervision May 15-31	200.00					
6. Supplies						
(a) Timber						
(b) Explosives	13.17					
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation	80.00			58.00		
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total	612.65					
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date				572.68		572.68

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

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

FOR GOVERNMENT USE ONLY

Checked by JBS
Entered by
Approved by Elma A. Mozill
Amount approved for payment 429.51
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF _____

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching	352.30	100.12	80.23	80.00						
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	352.30	100.12	80.23	80.00	612.65					

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

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

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

May 11, 1955

By: F. M. Murphy

PROJECT SUMMARY REPORT

1. Docket No. DMEA 2297 (Mercury)
Contract No. Idm-E259
Indian Creek Cinnabar property
Yakima County, Washington

Operators: Ray M. Whiting, 6226 - 22nd St., N. E., and Milton P. Roumm, 1920 Calhoun St., both in Seattle, Washington

Property Rights: Owners, two (2) unpatented mining claims known as Denny-Ray and Indian Creek, located in Sec. 11, T 14N, R 12 E., Willametta M.

Location: Six miles by pack-trail from State Highway No. 5.

2. Contract: Dated February 19, 1954.

	Phase I	Phase II
1200' hand trenching	$1,200.00	$ -
Supplies	200.00	
Transport equipment & supplies	100.00	1,750.00
Supervision & engineering	400.00	2,000.00
Assaying	100.00	300.00
Roads & trails	-	700.00
Tent camp and facilities	-	475.00
Core diamond drilling @ $8.00/ft.		11,200.00
Totals	$2,000.00	$16,425.00

Total estimated cost	$18,425.00
75% Government participation	$13,818.75

Amendment No. 1: Dated March 10, 1952

Effective starting date changed "to not later than May 15, 1952"

Amendment No. 2: Dated July 10, 1953

Adds "Roumm Cinnabar" claim on west end line of "Denny-Ray" claim.

Amendment No. 3 - dated December 2, 1952.

Extends completion period to November 19, 1952.

Work completed:

1500 feet hand trenching
1479 feet core diamond drilling

Costs:

Diamond drilling (Contract cost - 1479 feet)	$ 8,874.00
Labor, supervision, taxes, insurance	4,120.06
Supplies	50.43
Transport-equipment & supplies	1,288.50
New Buildings & improvements	310.18
Analyses	55.68
Total cost of project	$14,698.85

Project terminated - November 19, 1952.

3. Audit certificate dated - December 15, 1952.

Total cost billed by Operator		$14,565.34
Exceptions (per audit report)	$ 1.90	
Additional allowable expense	135.41	133.51
Audit certificate accepts		$14,698.85
75% Government participation		$11,024.14

4. Certification - None

5. Comments:

The deposit investigated was a zone of iron-stained silica-carbonate rock containing sparsely disseminated cinnabar.

Trenching disclosed some mercury but not in sufficient quantities to be classed as ore. Six of the 14 holes diamond drilled showed from 0.005 to 0.035 percent mercury. The exploration work did not indicate any evidence of structural control of the mineralization.

At the completion of the project, the Operator, advised DMEA that he intended to do some drifting on his own account in the best mineralized area.

The Field Team's final report, dated April 2, 1953, states -

"The Operator did a competent job in carrying out the exploration work".

Future Possibilities:

The cinnabar is desseminated throughout a zone which exceeds 1500 feet horizontally, 300 feet vertically, and 20 to 100 feet in width. The Field Team suggests that aerial mapping might result in clarifying the lithology and structure of the area and possibly lead to a more favorable location for exploration work.

F M Murphy

F. M. Murphy

COPY

☒ Audited — WORK ANALYSIS SHEET - DMEA PROJECTS — ☒ Actual Cost

☐ Certified — Analysis as of 12/7/54 — ☐ Agreed Unit Costs

Incl. Voucher for Nov. 1952

Name Ray R Whittinger - Milton P. Rowman — Docket No. 2297

State Alaska — Commodity Mercury — Idm-E No. 259

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify) Diamond core	1400'	15725.00	1479'	12799.07	12,799.07
Surface Excavation trenching completed 1200		2000.		1899.78	1899.78
Underground Excavation					
Roads and Trails to drill site		700.			
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		18425.00		14698.85	14,698.85

* Distributed to diamond - core drilling

Contract Drilling	11200.00
Supplies	475.00
Transportation	1750.00
Supervision	2000.00
assaying	300.00
	15,725.00

Prepared by J M Murphy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

October 21, 1953

Memorandum

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-2297 (Mercury), Final Report on Whiting and Roumm Indian Creek Cinnabar property, Yakima County, Washington, Contract No. Idm-E259.

Your attention is directed to page (i) of Appendix A, "Diamond Drill Hole Assays", of the subject final report. In Hole No. 9, line 11, the value for the interval between 25 and 30 feet should be 0.025 percent mercury instead of 0.25 percent. It would be appreciated if you would make this correction on your copy of the final report.

Distribution:
DMEA (Orig. & 3)
USBM (5)
USGS (SRO)
Docket
Puffett

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

Defense Minerals Administration
RECEIVED
OCT - 8 1953

September 8, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-2297(Mercury), post-contract inspection visit to Whiting and Roumm Cinnabar property near Tieton Reservoir, Yakima County, Washington, Contract No. Idm-E259.

On Thursday, September 3, 1953, Mr. W. S. Anderson, U. S. Bureau of Mines, and myself made a short inspection of the underground workings at the Whiting and Roumm Cinnabar prospect. No one else was at the property, Mr. Whiting having left the previous day for a trip to Seattle, Washington. This inspection was made in conjunction with an official visit to the Mt. Rainier Mining Company property, and as it was our information that some underground work had been done at the cinnabar property since the DMEA contract was finished, we made the visit to determine what new evidence for cinnabar had been exposed. Mr. Whiting had constructed a jeep road traversable, if careful, by small automobile, to near the property since the contract was finished, and this new way of access greatly shortened the length of time necessary to complete the inspection.

Mr. Whiting has chosen for his tunnel site a location about 100 feet upstream from the White mine trench on the north side of the narrow stream that traverses his property. The stream and the location of the White mine have been shown on maps submitted with previous reports on the property. An approximate co-ordinate location of the portal of his tunnel is 960N and 1990E, the co-ordinates being shown on the map submitted with the final report on the contract work done at the property.

Mr. Anderson and myself made a tape and compass survey of the tunnel and plotted the geology. A copy of this map accompanies this report. As can be seen on the map, the tunnel is very crooked and one can only speculate as to just what objective toward which it is being driven. Conversations with Mr. Whiting last year brought out the fact that he wants to drive beneath the creek into the south bank of the stream, and there is some indication from the general direction of the bearing of his tunnel that he is attempting to do just that.

The first 40 to 50 feet of the tunnel is in the green metasedimentary rock whereas the remainder of the 84-foot long tunnel intersects the light gray, altered, silica carbonate rock which has previously been found to contain cinnabar. A few specks of cinnabar were seen in one location but at no place in the tunnel were indications that any rock of ore grade had been found. The rock is very similar to rock recovered from the near area by diamond drilling but in which no cinnabar of ore grade was recovered. The rock is much broken with at least four strong fault fractures cutting it, one of which contains one to two inches of muddy gouge. The rock around this fault was inspected closely for cinnabar but none was seen.

Enclosure
Distribution
DMEA(Orig.&3)
USBM(2)
Docket
Puffett

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

August 24, 1953

SUMMARY

Rare and Misc. Metals Division

DMEA

Docket No. DMEA-2297
Contract No. Idm-E259
Contract date: February 19, 1952
Commodity: Mercury
Contractor: Whiting and Roumm
Location of property: Yakima County, Washington
Contract amount: $18,425.00
Government participation 13,818.75

Audit Certificate: dated December 15, 1952
total cost - $14,698.85
75 percent - Govt. share- $11,024.14

The exploration project started the latter part of May 1952 and continued, without interruption, to completion on November 19, 1952.

The purpose of the project was to explore for cinnabar occurring in a silica-carbonate zone bordering an eastern tributary of Indian Creek.

Some 1,200 feet of hand trenching traced a zone containing disseminated cinnabar for a horizontal distance of 1,500 feet. No commercial ore was found as a result of the trenching, but sufficient indications of mineralization were found to warrant entering into Stage II of the contract. Under this stage a total of 1,479 feet of diamond drilling was completed. There were sparse quantities of cinnabar in the diamond drill cores, but in none was it sufficient to indicate ore. The exploration work did not find evidence of structural control of the mineralization. Accordingly, the Field Team recommended that no certification of discovery or development be declared.

The Operator's report was transmitted to the Washington Office by Mr. Weissenborn, Region II, on January 22, 1953, and the final report of the Field Team was transmitted on May 11, 1953, concurring in the field examiners' recommendation that no certification of discovery or development be declared as a result of work carried out under the DMEA contract, and that further Government participation in exploration work on the property was not recommended.

Therefore, on May 28, 1953, a "completion" letter was mailed to the Applicants.

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

BR

May 11, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1953

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

Re: Docket No. DMEA-2297 (Mercury)
Whiting and Roumm
Indian Creek Cinnabar Property
Yakima County, Washington
Contract Idm-E259

Dear Mr. Selfridge:

Enclosed are four copies of the Final Report on the subject property prepared by Willard P. Puffett, Geologist, U. S. Geological Survey, and E. A. Magill, Mining Engineer, U. S. Bureau of Mines.

It is recommended by the field examiners that no Certification of Discovery or Development be declared as a result of work carried out under DMEA contract. Further Government participation in exploration work on the property is not recommended on the basis of work completed to date. The Field Team concurs with these recommendations.

By DMEA Field Team, Region II

M. E. Volin

M. E. Volin, Acting Executive Officer
(U. S. Bureau of Mines)

Harold Kirkemo

Harold Kirkemo, Acting Member
(U. S. Geological Survey)

Reviewed by
DMEA OPERATING COMMITTEE

5-22-53
(date)

Enclosure
cc: USBM (2)
Docket
Puffett

FINAL F.T. REPORT

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION II

FINAL REPORT

Contract Idm-E259

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1953

by

E. A. Magill
Mining Engineer
U. S. Bureau of Mines

Willard P. Puffett
Geologist
U. S. Geological Survey

RAY R. WHITING, Jr., and MILTON P. ROUNM
PARTNERSHIP
Seattle, Washington

Docket No.:	DMEA 2297
Commodity:	Mercury
Contract date:	February 19, 1952
Completion date:	November 19, 1952

Reviewed by
DMEA OPERATING COMMITTEE
5-22-53
(date)

Indian Creek Cinnabar Property
Tieton Mining District
Yakima County, Washington

Spokane, Washington

April 2, 1953

FINAL REPORT

RAY R. WHITING, Jr., and MILTON P. ROUMM
PARTNERSHIP
Indian Creek Cinnabar Property
Tieton Mining District
Yakima County, Washington

Contract Idm-E259

* * * *

INTRODUCTION

This report describes an exploration project for cinnabar in an area 6 miles north of Tieton Reservoir, Yakima County, Washington. The exploration work was completed under terms of a contract between the Defense Minerals Exploration Administration and Messrs. Ray R. Whiting, Jr., and Milton P. Roumm.

Authorship

The sections on Property and Summary of Factual Data were written by E. A. Magill, mining engineer, U. S. Bureau of Mines. The section on Geology was written by Willard P. Puffett, geologist, U. S. Geological Survey. All other sections in the report are the joint contribution of these two men.

Summary

The purpose of the project was to explore for cinnabar occurring in a silica-carbonate zone bordering an eastern tributary of Indian Creek.

Some 1,200 feet of hand trenching traced a zone containing disseminated cinnabar for a horizontal distance of 1,500 feet. No commercial ore was found as a result of the trenching, but sufficient indications of mineralization were found to warrant entering into Stage II of the contract. Under this stage a total of 1,479 feet of diamond drilling was completed. There were sparse quantities of

cinnabar in the diamond drill cores, but in none, was it sufficient to indicate ore. The exploration work did not find evidence of structural control of the mineralization.

Recommendations

It is recommended that no Certification of Discovery or Development be declared as a result of the work carried out under the DMEA contract. Further Government participation in exploration work on the property is not recommended on the basis of the work completed to date.

LOCATION AND ACCESSIBILITY

The Whiting and Roumm mercury property is in unsurveyed section 11, T. 14 N., R. 12 E., W.M., Tieton Mining District, Yakima County, Washington. The property borders both sides of a narrow eastern tributary to Indian Creek, approximately six miles north of the Tieton Reservoir. Access to the property is by six miles of trail which follows up Indian Creek from Washington State Highway No. 5, starting near the west end of Tieton Reservoir.

Average physical relief in the area is from one to two thousand feet, although the steep slopes rising from the swifty flowing Indian Creek tributary are three to five hundred feet high and average 35 to 45 degrees in inclination. The climate is typical of the east slope of the Cascades, with heavy snows in the winter and little if any precipitation during the summer months.

PROPERTY

The Indian Creek Cinnabar prospect consists of three unpatented lode claims known as the Denny-Ray, Indian Creek, and Roumm Cinnabar. Originally, only the first two claims were under the exploration project contract. Work under the contract disclosed that the mineralized zone continued further westward, and the Roumm Cinnabar claim was staked in June 1952 to cover this extension. Amendment No. 2 to the exploration project contract brought the Roumm Cinnabar claim under the exploration contract. The claims are held by Ray R. Whiting, Jr., and Milton P. Roumm of Seattle, Washington.

The only working on the property aside from the trenches and diamond drill holes completed under the exploration project contract is a short adit (8 feet) driven by the owners in 1951 soon after the original discovery.

THE PROJECT

As a result of panning stream gravels, Mr. Ray R. Whiting, Jr., traced the origin of cinnabar "colors" to an eastern tributary

of Indian Creek some eight miles above the initial alluvial discovery. Exposed on both banks of this tributary is a zone of iron-stained silica-carbonate rocks in which cinnabar is sparsely disseminated. It was believed that this zone represented a sufficiently large potential of cinnabar to justify a hand trenching and diamond drilling program to determine if a concentration of cinnabar could be found.

The proposed program consisted of 1,200 feet of hand trenching and 1,400 feet of diamond drilling. There was no essential modification of the original program.

Contract work began on May 26, 1953. Prospect pits and hand trenches were excavated along both sides of the creek, the work exploring an area more than 1,500 feet long. Cinnabar was exposed in most of the excavations but never in sufficient quantities to be classed as ore. At the conclusion of the trenching work, it was mutually agreed between the Operator and the Field Team that the diamond drilling as proposed in Stage II should be undertaken.

Diamond drilling was started the latter part of August 1952. The drilling was supervised by Mr. Whiting, and the location of drill holes was based on evidence obtained from the surface work. The zone was tested on both sides of the creek by drilling, with a total of 14 holes aggregating 1,479 feet in length. The location and orientation of these holes are shown on the accompanying map. This map results from a Tape and Brunton Survey during one of the routine examinations of the project by DMEA representatives.

During the drilling, Mr. Whiting panned a great number of the drill cuttings. Using his panning results as a guide, he indicated on his core logs the intersections of favorable cinnabar showings. At the conclusion of the drilling, the cores were transported to the Spokane office of the U. S. Bureau of Mines where they were logged by W. Puffett, U. S. Geological Survey. The cores were then transported to Albany, Oregon, for permanent storage in the USBM core library. Sections of core that exhibited cinnabar were split and sent to the Union Assay Office, Inc., Salt Lake City, Utah, for assaying. Assay results were subsequently included in the logs. A copy of the logs accompany this report. Assay results of surface samples are shown on the accompanying map. A tabulation of drill core assay data is included in the appendix.

The exploration project started the latter part of May 1952 and continued without interruption to completion on November 19, 1952.

Geology

The Indian Creek property is just south of the center of the Mount Aix Quadrangle, Washington. Insofar as can be determined, this property lies outside of any area in which the geology has been

mapped in detail. An unpublished thesis written in 1950 by George C. Simmons in partial fulfillment of his Master of Science degree from Washington State College contains a geologic map of the southeast quarter of the quadrangle. As field work for his Doctor's dissertation from the University of Washington, Mr. Abbott of the geology staff at the University of Idaho, mapped the northwest and north-central portions of the quadrangle. No publication is planned for this work.

Two main types of rocks are exposed on the steep banks of the creek which traverse the property. One type, a green very chloritic, slightly calcareous, and generally finely-foliated rock is hereinafter referred to as a metasediment. The foliation strikes generally north to northwest and dips steeply to the west. The other rock type is a light gray silica-carbonate rock with an altered fine-grained groundmass. In thin section, this rock is seen to be composed mainly of high-iron carbonates and fine-grained silica with a few percent of magnetite. Locally, fresh hand specimens of this rock contain sufficient magnetite to give the rock a general salt and pepper color. As exposed on the surface, the silica-carbonate rocks exhibit much brown iron stain, probably the result of hydration of the magnetite, which masks the true character of the rock. The silica-carbonate rock is generally massive, showing little evidence of foliation or other planar features.

Little can be inferred regarding the age or relative ages of these two main rock types. The metasediments may represent a member of the late pre-Tertiary sediments that were mapped a short distance to the south. The silica-carbonate rocks probably can be correlated with the Lower Keechelus Series of Oligocene age. Detailed areal mapping, however, might prove these two rock types to be separate members of the same series.

Cinnabar has been found disseminated exclusively in the silica-carbonate rocks, with the exception of a few tiny specks of cinnabar in a narrow, fine-grained silica stringer cutting the metasediments at the 60-foot mark in the core recovered from diamond drill hole No. 5.

Much cinnabar paint occurs locally at various surface locations, but little crystalline cinnabar can be seen. Most of the cinnabar found in the diamond drill core consists of very tiny specks, generally crystalline, not exceeding 0.5 mm. in diameter. The highest grade intersections of cinnabar-bearing rock in the drill core was from 30 to 35 feet in hole No. 11 and from 15 to 20 feet in hole No. 9. Core from these intersections assayed 0.035 percent mercury.

No definite zone of cinnabar enrichment was located. Generally, near the contact between the metasediments and the silica-carbonate rocks, a few specks of cinnabar can be found, but cinnabar does not appear to have concentrated here more than in other places in the silica-carbonate rocks.

Paragenetic relationships are very difficult to determine as apparently there are more than a generation of carbonates represented. It is believed though that cinnabar has been hydrothermally introduced and does not represent a primary constituent of the rock. The origin of the silica-carbonate rock is not clear.

At no place on the surface or in the drill core was there evidence of a fault, vein, or other structure, which might conceivably act as a trap or locus of deposition of cinnabar.

The investigations found no ore.

Summary of Factual Data

Work

Units	Type Work	Unit Cost
1,200 ft.	Trenching	$ 1.66 /ft.
1,479 ft.	Diamond drilling	8.66 /ft.

Total contract amount approved.....	$ 18,425.00
Government's participation.....	13,818.75
Total amount expended under contract..	14,698.85
Unexpended funds.....	3,726.15
Government's share unexpended funds.....	2,794.61

There was no ore production during the project.

Equipment

The only item of equipment costing over $50.00 was a 12-by 14-foot wall tent with fly costing $100.12. There were various items purchased to furnish the camp in the amount of $210.06. It was considered that the cost of salvaging these items would be more than their value. The Executive Officer waived the Government's interest in these items on December 17, 1952, as allowed in paragraph 6, DMEA Circular 10.

Conclusions

No unusual difficulty was encountered during the exploration project although it was necessary to pack in all supplies and equipment six miles by pack horse. The diamond drill was skidded to and from the property by use of a horse. It was necessary to abandon three holes (Nos. 3, 13, and 14) due to caving. Core recovery varied from 59 percent to 91 percent as determined by measuring the core. No sludge samples were retained for assay. The Operator panned most of the samples at the time of drilling.

The Operator did a competent job in carrying out the exploration work.

At the present time, the Operator is driving an adit by hand steel in the north bank of the creek in the Green Point area. He hopes to locate a commercial ore shoot.

It is not believed that any further work on the property is warranted at this time as far as physical exploration is concerned; however, cinnabar is sparsely disseminated throughout a zone of silica rock the dimensions of which exceed 1,500 feet horizontally, 300 feet vertically, and 20 to 100 feet in width. It is probable that this mineralized zone is of much greater dimensions. Further prospecting for cinnabar should be confined to occurrences of the silica-carbonate rock. Areal mapping may be successful in clarifying the sequence of lithologies and structure and could conceivably result in delineating a much more favorable location for renewed exploration. If some structural means for localization of cinnabar can be found, some additional drilling or test-pitting would be logical. If no structural control can be found, further exploration would appear unattractive.

Enclosures
Distribution:
DMEA(4)
USBM(5)
USGS(SRO)
Docket
Puffett

APPENDIX A

Diamond Drill Hole Assays

Hole No.	Footage	Mercury (Percent)
2	44' to 51'	None
4	27.5' to 30'	0.020
5	13' to 18'	0.005
	43' to 46'	0.010
	76' to 81'	None
7	68' to 72'	0.005
8	151.5' to 156'	None
9	10' to 15'	0.010
	15' to 20'	0.035
	20' to 25'	0.020
	25' to 30'	0.25
	30' to 35'	None
	35' to 40'	0.005
10	0' to 5'	None
	5' to 10'	0.010
	10' to 15'	0.025
	15' to 20'	None
	20' to 25'	0.015
	25' to 30'	None
	30' to 35'	0.010
	35' to 40'	None
	40' to 45'	0.005
	45' to 50'	None
	50' to 55'	0.005
	55' to 60'	None
	60' to 65'	None
	65' to 70'	None
	70' to 75'	0.005
	75' to 80'	0.005
	80' to 85'	0.005
11	25' to 30'	None
	30' to 35'	0.035
	35' to 40'	0.020
	40' to 45'	0.025

All assays by Union Assay Office, Inc., Salt Lake City, Utah.

May 11, 1953
Final Field Team Report
DMEA-2297 - 10M-E259

Mr. E. W. Ellis

Room 4640

Whiting and Rourm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #1
Bearing N.36°E.
Vertical Angle -20°

DMEA 8297
Idn-E259

Block-Feet	Core Recovered Feet	Core	% Hg	Discussion
4.0	2.0			0-4 Gray Silica Carbonate
9.5	4.5			4.0-9.5 Gray Silica Carbonate Moderately Brown Iron Stain No HgS
				9.5-20.0
20.0	6.0			Moderate to Heavy Brown Iron Stained Silica Carbonate. No HgS
26.0	5.2			20-26.0 Gray Silica Carbonate. Scattered Magnetite. Sparse Iron Stain. No HgS
28.0	2.0			New Box at 26.0 26-28 Gray Silica Carbonate. Scattered Magnetite. No HgS 28-38. Iron Stained Silica Carbonate Sp. Speck HgS.
38.0	4.1			No other HgS 38-47 Moderately Brown Iron Stained Silica Carbonate.
47.0	8.5			39.0 Speck HgS No other HgS 47.0-48.5 Silica Carbonate No HgS. Some Iron Stain
50.0	1.3			48.5-50 Green Metasediments
56.0	5.1			50-57 Green Metasediments No distinct Foliation
57.0	0.7			
58.0	0.6			57-58 Gray Silica Carbonate 58-67 Gray Silica Carbonate 59.0 - Speck HgS
67.0	6.0			Scattered Brown Iron Stain 66.0 Speck HgS 67-77.0 Moderately Heavy Iron Stained Silica Carbonate No HgS
77.0	8.0			
79.0	1.0			77-79 Gray Silica Carbonate 79-86 Gray Silica Carbonate
86.0	3.6			80-83 Brown Iron Stained No HgS
	4.0			86-91 Green Metasediments. Few narrow calcite stringers. No distinct Foliation

Block-Feet	Core Recovered Feet	Core	% Hg	Discussion
91.0				New Box at 91.0
	MISSING			
99.0				99-122
103.0	6.0			Green, slightly calcareous Metasediments
108.0	5.0			
	4.0			
112.0				
113.0	0.5			
	8.1			
122.0				
123.0	1.0			New Box at 122.0 122-146 - Green Metasediment
	9.0			
132.0				
	10.0			
142.0				
	4.0			
146.0				146 - New Box 146-171 Green Metasediments
149.5	1.5			
	4.5			
152.0				
	4.0			
156.0				
	9.3			
166.0				
	4.0			
171.0				New Box at 171.0 171-198 Green Metasediments
	2.5			
173.5				
	1.5			
175.0				

Block-Feet	Core Recovered Feet	Core	% Hg	Discussion
185.0	10.0			
188.0	3.0			
	5.3			
198				END OF HOLE
	NSS/80%			

Explanation
Silica-Carbonate Rock
Metasediments
Cinnabar
Brown Iron Stain

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

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #2
Bearing S.53°E
Vertical Angle -26°

DMEA 2297
IdE-E259

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
4.2	4.2			0-4.2 BX CORE GRAY SILICA CARBONATE IRON STAINED 1.5-2.0 2.5-3.0 SPECKS HgS.
				4.2-18.0 GRAY SILICA CARBONATE. MUCH FINE GRAINED SILICA. SCATTERED MAGNETITE. 6.5-7.0 FGW SPECKS HgS
18.0	9.0			12.5-13.0 FGW SPECKS HgS
				18.0-24.0 GENERALLY BROWN IRON STAINED SILICA CARBONATE
24.0	4.4			No HgS
				NEW BOX AT 24.0
26.0	1.5			24-26 BROWN IRON STAINED SILICA CARBONATE. No HgS
	7.5			26.0-34.0 GENERALLY BROWN IRON STAINED SILICA CARBONATE ROCK. 28.0-29.0 SCATTERED SPECKS HgS
34.0				SCATTERED MAGNETITE.
	6.0			34.0-37.0 1/4" QUARTZ STRINGERS. PARALLEL @ FGW SPECKS HgS AT 35.0 37.0-44.0 BROWN IRON STAINED SILICA CARBONATE.
44.0				
	7.0		None	45.0-47.0 SCATTERED HgS 46.0-46.5 1" QUARTZ STRINGER 45° @ CONTAINS SPECKS HgS. 48.0-51.0 MODERATE BROWN IRON STAIN. SILICA CARBONATE
51.0				
	2.5			NEW BOX AT 51.0 51.0-52.0 SPECKS HgS SILICA CARBONATE TO 52.0 52.0-58.0 GREEN METASEDIMENTS 52.0-58.0 No HgS
54.5	6.0			58.0-61.0 SILICA CARBONATE SPECK HgS AT 59.0'
61.0	10.0			60-61.0 MODERATE IRON STAIN. 61-71.5 SILICA CARBONATE ROCK WITH SCATTERED MAGNETITE. IRON STAIN 61.5-62.5 63-64 SPECKS HgS 64-66.0 BROWN IRON STAIN 66.0-71.5 GRAY SILICA CARBONATE
71.0 71.5	BX			END OF HOLE

58.3/81%

EXPLANATION

Silica-Carbonate Rock

Metasediments

+ + + Cinnabar

ooo Brown Iron Stain

"ALBANENE" NO. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #3
Bearing S27°E
Vertical Angle -33°

#3
S27°E
-33°

DMEA 3297
Ion-2259

BLOCK-FEET	CORE RECOVERED FEET	CORE	% HP	DISCUSSION						
5.0	4.5			0-5 BX CORE IRON STAINED SILICA CARBONATE 1.5-2.5 SPECKS H_2S					EXPLANATION SILICA-CARBONATE ROCK METASEDIMENTS	
	4.8			5.0-11.0 IRON STAINED SILICA CARBONATE No H_2S						
11.0	4.0			11.0-23.0 BROWN IRON-STAINED SILICA CARBONATE ROCK. No H_2S.					CINNABAR BROWN IRON STAIN	
23.0	13.9 58%			END OF HOLE. (REPORTED TO HAVE CAVED - DRILL RODS PULLED - QUIT HOLE)						

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, County

DDH #4
Bearing S.7°E
Vertical Angle -31°

Disk 2297
Idn-2309

Block-Feet	Core Recovered Feet	Core	% Hg	Discussion
4.8	4.8			0-4.8 Heavily brown iron stained silica carbonate sparse Hgs
	3.0			4.8-15.5 iron-stained silica carbonate 5.5 few specks Hgs
15.5	5.5			15.5-18.0 iron stained silica carbonate 16.0 few specks Hgs 18.0-21.0 gray silica carbonate No Hgs scattered magnetite
21.0	6.0			21.0-22.0 few specks Hgs 25-27.5 some iron stain.
27.5	1.5		0.020	27.5-30.0 gray to greenish gray silica carbonate 28.0-30.0 scattered Hgs New box at 30.0
30.5	8.0			Few specks Hgs 30.1 Green metasediments 30.1-32.0 32-40.5 brown iron stained silica carbonate 33, 35, 37, 38 specks Hgs scattered magnetite
40.5	2.2			40.5-44.0 heavily brown iron stained silica carbonate No Hgs
44.0	1.3			44.0 3" Gouge (fault?) 44.0-46.0 heavily iron stained silica carbonate No Hgs
46.0	3.6			46.0-51.5 gray silica carbonate sparse iron stain No Hgs
51.5	3.2			51.5-56.0 moderately heavy iron stain silica carbonate No Hgs
56.0	1.8			56.0 New box 57.0-63.0 heavily iron stain silica carbonate No Hgs
59.0	1.7			63.0-69.0 gray silica carbonate rock. some magnetite. No Hgs.
69.0	10.1			69.-66.0 same as above 66-70 iron stained silica rock. No Hgs
75.0	4.0			70-85 green, slightly calcareous metasediments
80.5	5.0			
85.0	5.0			New box at 85.0 85-95.0 slightly calcareous, green metasediments

Block-Feet	Core Recovered Feet	Core	% Hg	Discussion
92.0	7.8			95-98.5 moderately brown iron stained silica carbonate. 98.5-111 silica carbonate
100.5	10.2			Few 1/16"-1/8" qtz. bands 5°-15° ∠. Iron stain 100-102, 105-107 moderate amount magnetite No Hgs.
111.0	85.2/77%			

Explanation

Silica-carbonate rock

Metasediments

Cinnabar

Brown iron stain

Fault

"ALBANENE" No. 195M K&E CO., N.Y. REG. U.S. PAT. OFF

Whiting and Rowan Cinnabar Property
Yakima County, Washington

DDH # 5
Bearing S8°E
Vertical Angle -61°

DETA 2297
Idm-E3B9

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
	12.0			0-1 GRAY SILICA CARBONATE 1-12 GREEN METASEDIMENTS OCCASIONAL 1/4" Qtz. STRINGER 15° ∠ No APPARENT FOLIATION No HgS
13.0	4.8		0.005	13.0-20.5 GRAY SILICA CARBONATE ROCK. SOME HgS 13.0-18.0 FOLIATION MAGNETITE PARALLEL ∠ 18.0-20.5 MODERATE BROWN IRON STAIN
20.5 21.0	0.5 13.0			20.5-21.0 IRON STAINED SILICA CARBONATE No HgS NEW BOX AT 21.0 21.0-36.0 SILICA CARBONATE ROCK. 25.0 SPECK HgS 28.0 SPECK HgS 21-25 29-32 } MODERATE BROWN IRON STAIN
36.0	10.0			36-46 GRAY SILICA CARBONATE MODERATE AMOUNT MAGNETITE SOME BANDING 10°-20° ∠.
46.0	9.5		0.010	43.0-46.0 SCATTERED SPECKS HgS NEW BOX 46.0 46.0-47.0 FEW SPECKS HgS MODERATE MODERATE MAGNETITE. SILICA CARBONATE ROCK TO 56.0
56.0	7.1			51.0-56.0 MODERATE IRON STAIN FEW SPECKS HgS 56.0-57.0 57.0-64.0 GREEN METASEDIMENTS. OCCASIONAL Qtz. STRINGER 5°-15° ∠
64.0 66.0	2.0 3.8			61.0 - 1/16" QUARTZ STRINGER - FEW SPECKS HgS along side of it. (45° ∠) GREEN METASEDIMENTS TO 68.0' 68-71 GRAY SILICA CARBONATE FEW SPECKS (68-70) HgS
71.0 76.0	5.0 10.5		NONE	NEW BOX AT 71.0 71.0-75.0 GREEN METASEDIMENTS 75-76 SCATTERED HgS IN GRAY SILICA CARBONATE ROCK SPARSELY SCATTERED HgS 76-81
86.5				81-85 MODERATE BROWN IRON STAIN. INDISTINCT FOLIATION 5°-15° ∠. 85-86.5 GREEN METASEDIMENTS 86.5-95.0 GRAY SILICA CARBONATE MODERATE MAGNETITE. No HgS

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
95.0	8.3			INDISTINCT FOLIATION 10°-20° ∠. END OF BOX.
	86.5 / 91%			

EXPLANATION

SILICA-CARBONATE ROCK

METASEDIMENTS

+ + +
CINNABAR

o o o
BROWN IRON STAIN

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF.

Whiting and Roumm Cinnabar Property
Yakima County, Washington

DDH #6
Bearing S
Vertical Angle -200

DMEA 2297
Idt.-E209

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
	3.5			0-4 SLIGHTLY CALCAREOUS SILICA CARBONATE ROCK. GRAY TO PINKISH GRAY. SCATTERED MAGNETITE 0-2 MODERATELY BROWN IRON STAINED. 4.0-8.0 ROCK FRAGMENTAL (BRECCIA). VERY SILICEOUS 8.0 SILICA-CARBONATE ROCK. SPARSE IRON STAIN. 0-11.0 NO HgS. VARIOUSLY ORIENTED BANDS
11.0	6.2			CRYPTOCRYSTALLINE SILICA. 11.0-24.0 GENERALLY MODERATE IRON STAINED. NUMEROUS BANDS GRAY CHALCEDONIC SILICA 30°-40° ∠. NO. HgS ALL SILICA CARBONATE ROCK.
24.0	15.3 64%			END OF HOLE.

EXPLANATION

SILICA-CARBONATE ROCK

BRECCIA

BROWN IRON STAIN

"ALBANENE" No. 165M K&E CO., N.Y.
REG. U.S. PAT. OFF.

Whiting and Roumm Cinnabar Property
Yakima County, Washington

DDH #7
Bearing S10°W.
Vertical Angle -80°

DMEA 2297
Idm-E259

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
	4.5			0-5 BX CORE BROWN IRON-STAINED SILICA CARBONATE
5.0	4.7			5-11 GRAY SILICA CARBONATE ROCK NO H_2S SOME BANDING 10°-20° ∠.
11.0	5.3			FE STAIN 10.5 - 11.0 11.0 - 16.5 - GENERALLY BROWN IRON STAINED SILICA CARBONATE ROCK. NO BANDING. NO H_2S.
16.5	2.5			16.5 - 21.0 BROWN IRON-STAINED SILICA CARB. ROCK. NO BANDING. SCATTERED MAGNETITE.
23.0	4.0			FEW SPECKS H_2S AT 22.5 NEW BOX AT 23.0 SPECKS H_2S 23.0-24.0 GRAY SILICA CARBONATE ROCK 23-25 MODERATE BROWN IRON STAIN 25-27
27.0	5.2			27-33.0 - GRAY SILICA CARBONATE ROCK. NO H_2S
33.0	4.0			33-37. MODERATELY BROWN IRON STAINED SILICA CARBONATE. NO H_2S
37.0	3.0			37.0 - 40.0 GRAY SILICA CARBONATE NO H_2S
40.0	6.0			40-46 GRAY SILICA CARBONATE FAINT H_2S AT 42.0 MODERATE BROWN IRON STAIN 40-46
46.0	3.0			NEW BOX AT 46.0 GRAY SILICA CARBONATE 46-51 1/8" BAND, MILKY WHITE, AMORPHOUS SOFT MATERIAL AT 47.0
51.0	9.0			MODERATE BROWN IRON STAIN 50-51. NO H_2S 51-56 GRAY SILICA CARBONATE ROCK CONSIDERABLE, SOFT, WHITE, AMORPHOUS MATERIAL 58-60 MODERATE BROWN IRON STAIN NO H_2S
60.0	3.0			60-63 GRAY SILICA CARBONATE. ABOUT 1/10 SOFT WHITE MATERIAL. (ALUNITE?) IRON STAIN 60-61 NO H_2S
63.0	5.0			63-68 GRAY SILICA CARBONATE MODERATE AMOUNT MAGNETITE. NO H_2S
68.0	3.0		0.006	68-72 GRAY SILICA CARBONATE SCATTERED H_2S 68-70
72.0	3.8			NEW BOX 72.0 72.0 - 76.0 GRAY SILICA CARBONATE SCATTERED BROWN IRON STAIN. NO H_2S MODERATE AMOUNT MAGNETITE
76.0	11.0			76.0 - 97.0 GREEN, SLIGHTLY, CALCAREOUS METASEDIMENTS.
87.0				NO H_2S.

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
97.0	9.0			END OF BOX 86.0 89%

EXPLANATION

SILICA-CARBONATE ROCK

METASEDIMENTS

+ + +
CINNABAR

o o o
BROWN IRON STAIN

"ALBANENE" NO. 195M K&E CO., N.Y.

Whiting and Roumm
Cinnabar Property
Yakima County, Wash.

DDH # 8
Bearing S. 10°W
Vert. Angle -43°

DEA 2297
Idm-E259

Block Feet	Core Recovered Feet	% Hg	Discussion
	8.0		0-10.5 Moderately brown iron stained silica carbonate 4.5 speck HgS. Moderate amount magnetite
10.5	8.0		10.5-20.0 Moderately brown iron stained silica carbonate 11.5 speck HgS.
20.0	4.0		20-26 Silica carbonate scattered brown iron stain No HgS
26.0	4.0		New box at 26.0 26-30 Moderately brown iron stained silica carbonate rock No HgS
30.0	4.6		30-35 Silica carbonate rock. Scattered magnetite. Rock very siliceous. 30-31.5, 33.5-34.0 } Brown iron stain
35.0	6.7		35-43.0 Gray silica carbonate No HgS 36-41.5 Brown iron stain
43.0	8.0		43-51 Gray silica carbonate iron stained 46-50.0 No HgS
51.0	2.0		51.0 New box 51-53.5 Gray silica carbonate iron stained 51-52.0
53.5	5.0		53.5-86.0 Gray silica carbonate moderate magnetite No HgS
61.0	3.2		
68.0	1.3		
70.0	3.7		
74.0	2.4		
79.0	1.0		
81.0	5.0		
86.0	1.6		New box at 86.0 86-125 Silica carbonate No HgS
91.0	1.3		Moderately brown iron-stained throughout
95.0	0.6		
98.0	1.5		

Block Feet	Core Recovered Feet	% Hg	Discussion
100.5	3.3		
106.5	0.2		
108.0			
116.0	5.3		
	5.0		
123.0	2.0		
125.0	6.2		New box at 125.0 125-150 Gray silica carbonate moderate amount magnetite No HgS
132.0	9.0		
141.5	5.0		
147.0	1.2		
150.0			New box 150.0
151.5	0.7		150-178 Gray silica carbonate 151.5-156 scattered specks HgS Sparse iron stain
	7.5	0.00	
159.0	10.0		
169.5	3.0		
175.0	3.0		
178.0			New box 178 178-213 Gray silica carbonate
	7.5		180-183 Few specks HgS
185.5			188-189 Moderately brown
	10.0		Iron stained

Block Feet	Core Recovered Feet	% Hg	Discussion
204.5	3.2		205-207 Very fine grained facies to magnetite
209.0	2.0		
213.0	7.6		New box 213.0 213-227 Fine-grained gray facies - poor in magnetite.
221.0	2.5		
226.5	3.0		227-242 Normal silica carbonate with magnetite
234.0	6.2		Scattered iron-stain.
242.0	3.6		242-246 Fine grain gray facies poor in magnetite. No HgS 213-246 New box at 246
246.0	3.6		246-268 Fine
252.0	6.0		Grained gray facies very fine grained magnetite. No HgS - sparse iron stain
256.5	9.0		
268.0	4.0		268-279 Normal silica carbonate rock
272.0	2.0		Coarse grained magnetite. No HgS
279.0			End of box Hole reported to be 290 feet long
	203.5		
	74%		

Explanation

Silica carbonate rock

+ + +
Cinnabar

o o o
Brown iron stain

"ALBANENE" No. 165M K&E CO., N.Y. REG. U.S. PAT. OFF.

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #9
Bearing N85°E
Vertical Angle -27°

DMEA 2297
Idn-E259

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
	13.0			FIRST FIVE FEET - BX CORE SPECK HgS NEAR COLLAR ROCK HAS MUCH BROWN IRON STAIN. BANDS PERPENDICULAR TO CENTER LINE. TYPICAL, BLEACHED, SOMEWHAT GRANULATED SILICA CARBONATE ROCK. APPROXIMATELY FIFTY PERCENT WHITE SILICA - SCATTERED MAGNETITE 9.0 - ¼" WHITE BULL QUARTZ STRINGER PARALLEL ℄. SOME PINKISH MATERIAL BORDERING STRINGER - NOT HgS
16.0	5.0		0.010 0.035	NO HgS SEEN TO 16.0. 16.0-24.0 BROWN IRON STAIN THROUGHOUT. APPROXIMATELY 60-75% SILICA, - SLIGHTLY CALCAREOUS. SPECK HgS AT 18.0
24.0 26.0 28.0	1.0 1.5		0.020 0.025	200 FEW ¼" IRON-STAINED BANDS PARALLEL ℄ NO HgS SEEN. FEW SPECKS HgS AT 24.0 NEW BIT AT 26.0 BROWN IRON STAINED SILICA- CARBONATE ROCK. MORE CALCAREOUS WHERE IRON STAIN IS HEAVIEST. MUCH SILICA WITH LATER SILICA STRINGERS 28.0-33.0 NO IRON STAIN. GRAY, GRANULAR, SILICIFIED ROCK. SOME MAGNETITE. NO FOLIATION.
33.0	4.0 8.0		None 0.005	ONLY SPARSELY CALCAREOUS. FEW SPECKS HgS AT 30.0. 33.0 GRAY, SILICA CARBONATE. INDEFINITE FOLIATION APPROXIMATELY PARALLEL TO ℄. 34.3-34.5 TINY CRYSTALS OF HgS. 34.0-38.0 MODERATE BROWN IRON STAIN. - CORE NOT SPLIT BEYOND 40.0. ROCK APPEARS TO BE SLIGHTLY GRANULATED WITH LIGHT GRAY SILICA FILLING INTERSTICES. CALCAREOUS ONLY WHERE IRON-STAINED.
43.0	10.0			42.0-43.0 SOME BROWN IRON STAIN. NO HgS SEEN 34.5-42.0 43.0 LIGHT GRAY, SILICEOUS, GRANULOSE(?) ROCK TO 50.0 MUCH GRAINS MAGNETITE. INDEFINITE BANDING APPROXIMATELY PERPENDICULAR ℄. 48.0-49.5 NARROW, BROWN, IRON STAIN
54.0	42.5 79%			50.0 GRADATIONAL CHANGE. ROCK BECOMES CHLORITIC - LESS SILICEOUS. MAY BE ALTERED SEDIMENTS. NO HgS 43.0-54.0 END OF HOLE.

EXPLANATION

Silica Carbonate Rock

Metasediments

Brown Iron Stain

Cinnabar

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

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #10
Bearing N
Vertical Angle -45°

DMEA 2297
Idm-E259

Block-Feet	Core Recovered Feet	Core	% Hg (Assay)	Discussion
	85		None	BX CORE TO 5.0 FEET. AX THEREAFTER. HOLE STARTS IN SLIGHTLY IRON-STAINED, PINKISH-GRAY SILICA-CARBONATE ROCK. HEAVY IRON STAIN AT 45°. SMALL VUGGY CAVITIES LINED WITH CALCITE. NO IRON STAIN TO 4.5. 1/8" BANDS MILKY QUARTZ NEARLY PARALLEL TO CENTER LINE. MODERATE IRON STAIN BEGINNING AT 45°. FAINT GREEN STAIN (Re??) BEGINS AT 60'. FRESH PYRITE 7.0'-7.5'. CRYSTALLINE HgS 7.5-7.8'. VERY TINY SPECKS HgS IN GREENISH-STAINED ROCK AT 8.0'. MUCH MAGNETITE. SPARSE PYRITE.
10.5			0.010	SPARSE HgS TO 9.0. MODERATE BROWN IRON STAIN TO 10.5'. DISSEMINATED LOW GRADE HgS ROCK TO 12.5'
	6.0		0.025	HEAVY BROWN IRON STAIN 15.0'-16.0'. DISSEMINATED HgS 16.0'-20.0'. SPARSE BROWN IRON STAIN. NARROW DARK BANDS MAGNETITE 90°-CENTER LINE AT 20.0'
22.0			None	ROCK SUSTAINS FAINT GREEN TINGE. SCATTERED PYRITE AND MAGNETITE; TYPICAL SILICA-CARBONATE ROCK. MUCH BROWN IRON STAIN 21.0-22.0'. DISSEMINATED CRYSTALLINE HgS 22.0-26.0'. ROCK IS LIGHT GREEN. SPARSE BROWN IRON-STAIN.
	2.0			
26.0				NEW BOX AT 26.0. SCATTERED MAGNETITE. BANDING 90° TO CENTER LINE. LIGHT-GREENISH BLUE SILICA-CARBONATE ROCK. SPECK HgS 29.0-29.5. SCATTERED MAGNETITE TO
	7.5		None	
32.0				32.0'. MUCH BROWN IRON STAIN. 1/8" STRINGERS WHITE QUARTZ 30.0-31.0' PARALLEL CENTER LINE. SPECK HgS AT 31.5' AND 32.5'
	9.5		0.010	OCCASIONAL BROWN IRON STAIN. SCATTERED SPECKS MAGNETITE. NO HgS 32.5'-42.0'.
42.2			None	
	4.8		0.005	42.5-43.0 GOUFEY GRAY DIKE WITH HORNBLENDE. MUCH FINE GRAINED MAGNETITE WITH BROWN IRON STAIN. NO HgS TO 49.0
49.0			None	MUCH BROWN IRON STAIN 49.0-52.0'. SCATTERED MAGNETITE
52.0				TINY SPECK HgS AT 51.5. NEW BOX AT 52.0'. VERY SPARSE HgS 52.0-55.0. 52.0-61.0' MUCH BROWN IRON STAIN WITH SCATTERED MAGNETITE. ROCK HAS LIGHT GREENISH-BLUE TINT
	6.6		0.005	
			None	
61.0				SCATTERED SPECKS HgS 63.0-65.5. SOME BROWN IRON STAIN.
	4.5		None	
65.5				VERY SPARSE BROWN IRON STAIN. NO HgS 65.5-70.0. BANDING AT 66.0' IS 60° TO CENTER LINE.
	4.1		None	
70.0				
	3.3		0.005	DISSEMINATED SPECKS HgS 73.0'-74.0'. MORE MAGNETITE HERE. SPARSE BROWN IRON STAIN.
75.0				SPECK HgS AT 76.5'. LIGHT GREENISH BLUE ROCK.
	1.4		0.005	
78.0				NEW BOX AT 78.0. FEW SPECKS HgS 78.5-79.0. LIGHT GRAY TO GREENISH BLUE SILICA-CARBONATE
80.0				ROCK. FAIR HgS 80.0-80.2. 80.2-86.0 GRAY TO GREENISH BLUE ROCK. OCCASIONAL GRAIN OF MAGNETITE.
	5.0		0.006	CORE WAS SPLIT for sampling 0.0-85.0. NOT SPLIT THEREAFTER.
86.0				86.0-91.0 VERY SILICEOUS FINE-GRAINED, LIGHT GREENISH BLUE ROCK. SCATTERED MAGNETITE. SPARSE CARBONATES. NO BROWN IRON STAIN. BANDING at 88.0' = 20°-30° ℄
				NO HgS

Block-Feet	Core Recovered Feet	Core	% Hg (Assay)	Discussion
91.0	5.0			AT 91.0 PINKISH BAND 1/4" WIDE. MAY CONTAIN HgS. SCATTERED MAGNETITE THROUGHOUT. 93.0 - PROMINENT BANDING 45° TO CENTER LINE. GREENISH BLUE ROCK - SLIGHTLY CALCAREOUS.
96.0	5.0			
98.0	1.0			NEW BOX AT 98.0'. 98.0-115.0 VERY SILICEOUS BLUISH
	1.0			GREEN ROCK. SPARSE MAGNETITE. NO HgS.
108.0				BANDING AT 110.' about PARALLEL TO CENTER LINE
	1.8			
115.0				115-119.0 - Siliceous, QUARTZITIC - APPEARING ROCK. FEW DARK BANDS NEARLY PARALLEL TO ℄. ROCK DARKER 116.0-118.0. NO HgS. 119.0-124.0 BLUISH-GREEN SILICEOUS ROCK THROUGHOUT. SCATTERED MAGNETITE.
	2.7			
119.0				
124.0	4.0			APPEARS TO BE SOME REMNANTS OF FELDSPAR CRYSTALS THROUGHOUT ROCK, NOW MUCH ALTERED. NO HgS. 124.0-127.0 BLUISH GREEN SILICEOUS ROCK WITH SCATTERED MAGNETITE. 3" BLEACHED, CREAMY-WHITE ROCK AT 125.5. NO HgS.
127.0	1.7			127-130 - SAME AS ABOVE. SCARCELY ANY CALCAREOUS [redacted] MATERIAL.
130.0	1.4			130-136.0 - CONSIDERABLE AMOUNT OF SOFT ALTERED FELDSPARS WITH CEMENTING SILICA. NON-CALCAREOUS. NO HgS.
136.0	1.5			136-141 BLUISH GREEN ROCK WITH SCATTERED MAGNETITE, PARTIALLY ALTERED TO HEMATITE AND LIMONITE. FEW BLEBS OF ALTERED FELDSPARS, 1/8" DIAMETER SCATTERED THROUGHOUT.
	4.0			
141.0				141-142 - GREENISH CHLORITIC(?) MATERIAL WITH WHITE ALTERED FELDSPARS AND SILICA. NO HgS. 142-150 - (CORE PLACED IN SACK - ALL MIXED UP) GENERALLY MASSIVE LIGHT GREENISH BLUE. SCATTERED STRINGERS WHITE SILICA. NO HgS. VERY SPARSE MAGNETITE. END OF HOLE
142.0	1.0			
	?	?		
150.0				
	96.3			
	64%			

EXPLANATION

Silica-Carbonate Rock

+ + +

CINNABAR

o o o

Brown Iron Stain

"ALBANENE" No. 185M K&E CO., N.Y. REG. U.S. PAT. OFF

Whiting and Roumm Indican Creek Cinnabar Property
Yakima County, Washington

DDH #11
Bearing N S
Vertical Angle -60°

DMEA 2297
Idm-E259

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
				0-16 LIGHT GRAY SILICA-CARBONATE ROCK.
				3-4 MODERATE BROWN IRON STAIN
				7-10 LIGHT BROWN IRON STAIN
				SCATTERED MAGNETITE
	13.5			
16.0				SPECKS HgS AT 15.5 IN GREENISH BLUE SILICA CARB. ROCK
				16.0-25.0 ALL SILICA CARBONATE ROCK
				16.0-20.0 BLUISH GREEN BANDS RELATIVELY SOFT MATERIAL WITH BLACK MANGANESE DENDRITES. BANDS PARALLEL ⊥
	6.0			NO HgS SEEN.
				SODAT IRON STAIN
25.0				NEW BOX AT 25.0'
28.0	2.0		NONE	SPECK HgS AT 27.0. SOME GREEN ROCK
	1.0			28.0-32.0 FEW SPECKS HgS.
32.0				MODERATE BROWN IRON STAIN.
	4.0		0.035	32.0-34.0 FINE CRYSTALLINE HgS IN BLUISH GREEN ROCK. (TALC?)
36.5				34.0-36.5 MODERATE BROWN IRON STAIN.
	2.5		0.020	32.0-39.0 TINY CRYSTALS HgS. BLUISH GREEN ROCK WITH MODERATE BROWN IRON STAIN.
42.0				
	5.0		0.025	43.0-45.0 FEW CRYSTALS HgS.
48.0				46.0-48.0 MODERATELY BROWN IRON STAINED.
53.0	4.5			51.0-52.0 MODERATE AMOUNT HgS. MODERATE IRON STAIN 52.0-53.0 END OF BOX AT 53.0
	38.5 / 72%			

EXPLANATION

Silica-Carbonate Rock

+ + + Cinnabar

o o o Brown Iron Stain

"ALBANENE" NO. 193M K&E CO., N.Y.
REG. U.S. PAT. OFF.

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #12
Bearing N
Vertical Angle -20°

DMEA 2297
Idm-E259

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
	2.0			0-6.0 CEMENTED FRAGMENTAL ROCK. ANGULAR TO SUBROUNDED FRAGMENTS AVERAGING 1/8" DIAMETER IN MATRIX OF GRAY CEMENTED FINE-GRAINED FRAGMENTS. MANY LARGE BLACK FRAGMENTS, NEARLY GLASSY. MAY REPRESENT TUFF. LITTLE ALTERATION. NO Hg S. 6.0- GREEN AND WHITE FOLIATED CHLORITIC ALTERED METASEDIMENTS. FOLIATION 60° ∡. VERY NARROW FOLIATION. SCATTERED MAGNETITE.
11.0	0.3			11.0-15.0 VERY LITTLE CORE RECOVERED. MOSTLY WHITE "BULL" QUARTZ. FLECKS OF GREEN CHLORITIC MATERIAL.
15.0	0.5			15.0-20.0 VERY SILICEOUS, GREEN AND WHITE BANDED, CHLORITIC (?) METASEDIMENTS. 1/16"-1/8" BANDS 30° ∡
20.0	1.0			20.0-25.0 RELATIVELY MASSIVE, SILICEOUS, FINE-GRAINED, GREEN METASEDIMENTS. NO FOLIATION APPARENT. FEW SPECKS MAGNETITE.
25.0	0.7			25.0-53.0 ROCK ALL NEARLY SAME. GREEN WITH NARROW BANDS OF WHITE QUARTZ, AVERAGING 30°-40° ∡
31.0	1.5			FEW SPECKS MAGNETITE. NO Hg S.
37.5	2.0			
41.5	5.0			
47.0				
53.0	9.0			NEW BOX AT 53.0
55.0	2.0			53.0-84.0 GREEN AND WHITE BANDED SILICEOUS METASEDIMENTS. BANDING AT 55.0' 60° ∡. (GRANITIZED?)
58.5	3.5			
67.5	2.0			
72.0	0.7			72.0 BANDING 60° ∡
75.5	3.5			
77.0	1.2			
	4.0			
82.0	1.6			84. BANDING 30° ∡. NEW BOX AT 84.0
84.0	3.0			84.0-108 GREEN "GRANITIZED" METASEDIMENTS.
87.5	0.9			
88.5				

BLOCK-FEET	CORE RECOVERED FEET	CORE	% Hg	DISCUSSION
93.0	4.5			BANDING AVERAGES 35°-50° ∡.
98.5	5.0			
108.0	9.5			NEW BOX AT 108.0' FINE BANDED GREEN METASEDIMENTS.
115.0	7.0			BANDING 45° ∡.
				115-123. GRAY, SILICEOUS - SILICA - CARBONATE ROCK. NO Hg S
	8.5			123-140. GREEN METASEDIMENTS.
128.0				
	9.0			FINE BANDING 60° ∡. NO Hg S
140.0				END OF BOX.
	82.9		59%	HOLE ENDS AT 149 NO CORE 140-149.

EXPLANATION

SILICA CARBONATE ROCK

METASEDIMENTS

BRECCIA OR FRAGMENTAL ROCK

"ALBANENE" No. 190M K&E CO., N.Y. PEG. U.S. PAT. OFF

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #13
Bearing S.65°W
Vertical Angle -15°

DMEA2297
Idm-E259

BLOCK FEET	CORE RECOVERED FEET	CORE	% H9	DISCUSSION
	6.0			BX CORE TO 5 FEET BROWN IRON-STAINED GRANULATED SILICA-CARBONATE ROCK. SPARSE IRON STAIN 3.0-6.0' NO H_2S SEEN. SCATTERED MAGNETITE. MORE CALCAREOUS WHERE IRON-STAINED
9.0				9.0-14.0 ALL SILICA-CARBONATE ROCK
	6.0			IRON STAIN 9-10; 11-12 NO OTHER. SCATTERED MAGNETITE SPECK H_2S AT 12.0 INDEFINITE FOLIATION 45° ∠
14.0				
	3.0			MUCH BROWN IRON-STAIN 17.0-19.0' SPECK H_2S AT 18.0
19.0				19.0-22.0 LIGHT GRAY SILICA-CARBONATE ROCK.
	2.0			IRON STAIN 20-21. NO H_2S SEEN.
22.0				
	1.0			22.0-24.0 SILICA CARBONATE ROCK; FINE BANDS 45° ∠
24.0				NEW BOX 24.0
	0.5			LIGHT GRAY SILICA-CARBONATE ROCK.
26.0				LITTLE IRON STAIN NO H_2S
	6.0			26.0-32.0 SILICA-CARBONATE ROCK. CALCITE-LINED VUG AT 27.0'. APPROXIMATELY 4" long. IRON STAIN 27.0-28.0
32.0				HEAVY BROWN IRON STAIN 31.0-32.0 NO H_2S
	2.0			32.0-38.0 GREEN CHLORITIC ALTERED SEDIMENTS. NO H_2S SOME FAINT IRON STAIN. MODERATELY CALCAREOUS
38.0				
	2.0			CONTINUES TO 40.0' 40-41.0 GRAY TO BROWN- MUCH-IRON-STAINED
41.0				SILICA-CARBONATE ROCK. MANY NARROW CALCITE STRINGERS. NO H_2S.
	1.0			41.0-49.5 GREEN CHLORITIC ROCK. NO FOLIATION MODERATELY CALCAREOUS NO H_2S.
45.0				
	1.0			
50.0				49.5-58.0 MUCH BROWN IRON STAINED
	4.0			SILICA CARBONATE ROCK. NO FOLIATION
56.0				
	1.0			
58.0				END OF HOLE
	34.5			
	60%			

EXPLANATION

Silica-Carbonate Rock

Metasediments

Cinnabar

Brown Iron Stain

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

Whiting and Roumm Indian Creek Cinnabar Property
Yakima County, Washington

DDH #14 DMEA 2297
Bearing: S. 60°W. Idm-E259
Vertical Angle: -15°

Block - Feet	Core Recovered Feet	Core	% Hg	Discussion	Explanation
				Light gray silica- carbonate rock. More calcareous where heavily brown iron-stained. Moderately brown- iron stained 0-6; 8-9; 15-16. No H_2S. Sparse magnetite	
18.0	11.0			Brown iron stain 18-19 Scattered fine grained magnetite	Silica- carbonate rock; Metasediments
22.0	4.0			20.5-21.0 Fe stain. Silica- carbonate rock. No H_2S.	+ + + Cinnabar; o o o Brown iron stain
27.0	3.5			Fe-stain 26.0-26.5 New Box 27.0	
28.0	1.0			27.0-28.0 Gray, silica carbonate rock. 3 inches green metasediments at 28.0. 28.3-40.0 Moderately Fe stained silica carbonate rock	
40.0	4.2			No H_2S	
46.0	3.1			Heavy iron stain 40-43.0. Light gray silica carbonate rock 43.0-46.0 Scattered magnetite	
	4.5			Gray silica - carbonate rock to 51.0	
53.0				Moderate iron stain 51.0-53.0	
59.0	4.5			H_2S specks 54-56 Gray siliceous carbonate- Scattered magnetite to 59.0	
65.0	6.0			59.0-65.0 Green metasediments	
	40.8 / 63.2			End of hole.	

"ALBANENE" No. 106M K&E CO., N.Y. REG. U.S. PAT. OFF

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

January 22, 1953

Department of the Interior
Defense Minerals Administration
Received
JAN 26 1953

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

Re: Docket No. DMEA-2297 (Mercury)
Whiting and Roumm
Indian Creek Cinnabar
Yakima County, Washington
Completed Contract Idm-E259

Dear Mr. Selfridge:

Attached are the original and two copies of a final report submitted by Mr. Ray R. Whiting describing the results of the work done under exploration contract on the Indian Creek Claims.

Sincerely yours

A. E. Weissenborn

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

Enclosure 1 (in trip.)
cc: USBM (2)
Certifying Officer
Hull
Puffett

cal
1-29-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Library

(COPY—Received by USBM on 1/12/53)

Ray R. Whiting
622 - 22nd, N.E.
Seattle, Wash.

The following is a resume of the work done under our contract with the DMEA in regard to the Indian Creek mercury mine project.

After the original prospecting and locating of two cinnabar claims (Denny Kay) (Indian Creek) claims, a joint DMEA contract was signed by Milton P. Roumm and myself, set up on a two phase basis.

The first phase consisted of 1200' of open cut trenching for the purpose of exposing the extent of the altered zone and the extent of cinnabar outcroppings. This work was done by myself and two laborers, after establishing a new camp.

I considered the first phase quite satisfactory in regards to establishing the altered zone and the extent of surface cinnabar exposed. Almost without fail our trenching uncovered cinnabar; however, never did we find any strong leads, but it is my opinion the presence of disseminated cinnabar in a rock formation may well lead to a commercial body of ore.

In the course of our surface work we discovered another extended zone of cinnabar which necessitated the staking and filing of another claim (Roumm). This gave us an altered zone approximately 1500' in length on an east-west strike with a width from 50' - 200'.

Over this area we established several zones that warranted further work and brought us into phase number two, which was to be 1400' of diamond drilling.

A contract was let to Lynch Bros. Diamond Drilling Co. for 1400' of test holes at $6.00 per foot.

This drilling started on the Roumm claim at the west end of the strike and continued to the east end of the strike along the creek level. A total of fourteen drill holes were put down.

In these holes we further established the altered zone at depth and cinnabar, but never a consistent zone of cinnabar. However, inasmuch as the holes were so thinly spread over this area just on the length of the strike, it is my opinion that we might have missed the shoot of ore that would have led us to a commercial body of ore. That possibility could be at the outcrop at the west end or at the Green point where we did get some fair cinnabar.

So with the information that we did gain with our surface work and drilling, I intend to do a little underground drifting in both of these areas, in hope that I might hit an ore shoot that we could have missed in the drilling.

I now wish that we had confined our drilling to just these two areas, at either end of the strike. There were only three holes put down in our best surface showings.

I sincerely feel that we did not get a conclusive answer at either one of these outcrops and with a little additional work I believe this can be done. I realize the chances are quite slim.

Ray R. Whiting, Jr.

RECEIVED
JAN 22 1953
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

January 20, 1953

Mr. R. J. Hindman
Certifying Officer, DMEA Region II
U. S. Bureau of Mines
1201 N. Division
Spokane, Washington

Re: Docket No. DMEA 2297 (mercury)
Contract Idm-E259
Ray R. Whiting and
Milton P. Roumm

Dear Mr. Hindman:

The subject contract has been completed and a final report received from the Operator. The Government has waived any interest it might have had in any equipment or supplies purchased under the contract.

Inasmuch as all requirements have been met, it is requested that the Operator's final invoice be accepted for vouchering and payment.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
R. Hull
Cont. Adm. and Aud. Div., Wash., D.C.

FILE COPY
SURNAME:

800

Talbert
Chambers

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

BW.

JAN 9 1953

Mr. Robert M. Hull
DMEA Auditor, Region II
1201 North Division Street
Spokane 2, Washington

Re: Docket DMA-2297
Contract Idm-8299
Ray R. Whiting, Jr.
Milton P. Rowan

Dear Bob:

The three copies of the Audit Certificate and two copies of the Audit Report for the referenced project are returned herewith for correction.

The Audit Certificate indicates a 50 percent contribution by the Government, whereas, the contract specifies a 75 percent contribution. Also, both the Certificate and Report indicate the period audited as being from February 2, 1952 to November 15, 1952; however the contract was dated February 19, 1952 and the May 1952 MP-104 indicates the starting date as May 15, 1952. In any event no costs prior to the date of the contract are allowable.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

J.N.
1-9-53

Enclosure

EDTalbert/wb
January 9, 1953

Copy to: Admr. Reading File
Docket
Mr. Chambers

December 24, 1952

Memorandum

To: Hazel Berry, Operating Committee

From: Grace I. Ault, Rare and Misc. Metals Division

Subject: Clearance on Amendments

Docket No. [illegible]-1186, Contract No. Im-144
Elkhorn Mining Company

Mr. Ellis has reviewed Amendment No. 2, dated December 9, 1952, submitted by Region II, and approves it.

Docket No. [illegible]-1284, Contract No. Im-173
Bradley Mining Company

Mr. Schmidt has reviewed Amendment No. 5, dated October 31, 1952, submitted by Region II, and approves it.

Docket No. [illegible]-2297, Contract No. Im-259
Guy H. Whiting, Jr.

Mr. Pearse has reviewed Amendment No. 3, dated December 8, 1952, submitted by Region II, and approves it.

Docket No. [illegible]-2636, Contract No. Im-453
Bradley Mining Company

Mr. Schmidt has reviewed Amendment No.1, dated December 15, 1952, submitted by Region II, and approves it.

Grace I. Ault

GIAult/jem
12/24/52

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1952

December 19, 1952

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

Re: Docket DMEA-2297 (Mercury)
Indian Creek Cinnabar property
Yakima County, Washington
Contract Idm-E259

Dear Mr. Johnson:

Attached are the original and two signed copies of Amendment No. 3 to the subject contract, with attached justification.

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

Sincerely yours,

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

Enclosure.

cc: USBM (2)
Puffett

Cal 1223

RECEIVED
DEC 30 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1952

December 17, 1952

MEMORANDUM

To: Executive Officer, Field Team, Region II

From: E. A. Magill, Mining Engineer, Bureau of Mines

Subject: Disposal of equipment, Whiting and Roumn (Indian Creek Cinnabar), Yakima County, Washington, Contract Idm-E259, Docket No. DMEA 2297 (mercury)

Work under the subject exploration project contract has been completed. The Operator has no supplies remaining in the amount of over $50 in any category or group. The only items of equipment purchased by the Operator costing over $50.00 each are as follows:

1 12 x 14 Wall tent and fly $100.12

This item is not considered to have any salvage value and it is recommended that the Government waive its interest as allowed in paragraph 6, DMEA Circular 10.

E. A. Magill

E. A. Magill

Orig. & 3 - Wash.
USGS - 2
DMEA
A/D
EAM/vf

2297

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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DEC 23 1952

December 17, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: E. A. Magill, Mining Engineer, Bureau of Mines

Subject: Exploration Contract, Whiting and Roumn (Indian Creek Cinnabar), Yakima County, Washington, Contract Idm-E259, Docket No. DMEA 2297 (Mercury)

Work under the subject exploration project contract has been completed, though there remains some $3,860 unexpended of the $18,425 authorized for the project. The Operator would like to use this unexpended portion in driving an adit in the hope of opening up a commercial orebody underground.

Unfortunately, the exploration work to date, although it has disclosed a large area of disseminated cinnabar, has disclosed no geologic structure or cinnabar concentration which would appear to warrant underground exploration. Willard Puffett, USGS, is now in the process of logging the core from the 14 diamond drill holes drilled under the exploration program. Some of the more promising sections of the core have already been split and the assay results received from Union Assay Office, Salt Lake City, Utah. These are as follows:

Hole No.	Footage	Mercury %
9	10' to 15'	0.010
9	15' to 20'	0.035
9	20' to 25'	0.020
9	25' to 30'	0.25
9	30' to 35'	None
9	35' to 40'	0.005
10	0' to 5'	None
10	5' to 10'	0.010
10	10' to 15'	0.025
10	15' to 20'	None
10	20' to 25'	0.015
10	25' to 30'	None
10	30' to 35'	0.010
10	35' to 40'	None

Hole No.	Footage	Mercury %
10	40' to 45'	0.005
10	45' to 50'	None
10	50' to 55'	0.005
10	55' to 60'	None
10	60' to 65'	None
10	65' to 70'	None
10	70' to 75'	0.005
10	75' to 80'	0.005
10	80' to 86'	0.005
11	25' to 30'	None
11	30' to 35'	0.035
11	35' to 40'	0.020
11	40' to 45'	0.025

A careful examination of the core has failed to disclose any appearing to have a higher grade than that already assayed. However, to make sure, it is planned to assay the best portions of the core from the other holes.

Mr. Whiting and Mr. Roumn were in the office in the latter part of November at which time they wanted to know if they could transfer the unexpended portion of their exploration contract funds for use in driving an adit. They were informed that if the core indicated anything approaching commercial mineralization, a favorable recommendation for such work would be made to the Field Team. On December 12, 1952, Mr. Whiting was informed of the assay results in a telephone conversation and that a favorable recommendation for further work could not be given on the assay results received to date.

Although the exploration program has been unsuccessful in discovering metallization that could be considered commercial, it has certainly disclosed an interesting altered zone containing disseminated cinnabar. I believe that the area warrants further investigation in the form of detailed geologic mapping of the altered zone and the area surrounding it. I do not believe that underground work is warranted at the present time, and recommend that the exploration program be considered complete.

E. A. Megill

E. A. Megill

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
EAM/vf

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 1, Washington

December 17, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 20 1952

Mr. H. J. Minahan,
Certifying Officer,
DMA Region II
1201 North Division
Spokane 2, Washington

Subject: Completed Contract No. [illegible]-25)
Ray R. Whiting and
Milton [illegible] Roark
(Indian Creek Claims)
Docket No. [illegible]-2297 (mercury)

Dear Mr. Minahan:

In connection with the closing of the subject contract, there are certain camp facilities valued at about $319.1[illegible] (original cost to the contract) which we feel would probably cost more to dispose of than the Government could recover, and, therefore, we recommend that the Government's interest in the subject material be waived.

The Operator reports that there are no unexpended supplies.

Very truly,

A. [illegible] Heinemann
Executive Officer, DMA
Field Team, Region II

cc: [illegible]
(2)
[illegible]
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

Reply to: M. E. Volin, Member
DMEA Field Team
Region II

December 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

Mr. Ray R. Whiting, Jr.
6226 - 22nd, N.E.
Seattle, Wash.

Subject: Contract Idm-E259
Amendment No. 3
Docket No. DMEA 2297 (mercury)

Dear Mr. Whiting:

Enclosed are seven copies of an amendment prepared to extend the period of the contract to November 19, 1952. This amendment must be completed before final settlement can be made as some of the costs claimed in your October invoice are shown as having been incurred after expiration of the contract.

Please sign all copies, retain one for your files, and return the original and remaining five copies to this office.

Sincerely yours,

Thomas E. Howard
Chief, DMEA Section
Bureau of Mines, Region II

Enclosure

cc: DMEA, Wash. (2)
USGS (2)
DMEA
AD
DF

TEH/he

11/13/52 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1952

November 12, 1952

Memorandum

To: E. Wm. Ellis

From: Helena M. Meyer

Subject: Routine examination of progress at Whiting and Roumm Cinnabar prospect, Indian Creek, Yakima County, Washington
Docket No. DMEA 2297 (Mercury)
Contract Idm-E259

In connection with the subject report, there is an evident lack of adequate analyses by the contractor. The panning should be supplemented by analyses.

Helena M. Meyer
Helena M. Meyer

Copy to: Minerals Division
Base Metals Branch
H. M. Meyer
F I L E S

Nov. 12 - 1952

See letter to Hop Vincent dated Oct. 24 1952

EWE

11/12/52 gla

IN REPLY REFER TO:
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 10 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

November 6, 1952

Re: DMEA-2297
Whiting and Roumin
Cinnabar prospect
Indian Creek
Yakima County, Washington
Mercury

Memorandum

To: Mr. E. Wm. Ellis

From: A. R. Kinkel, Jr.

Subject: Availability of ore-bearing sections of core for examination.

I note in the Progress Report of October 14, 1952 on the above project that the owner has been taking the ore-bearing sections of the core and sending them to his partner, so that they were not available for examination during the visit of the field team.

I think that a letter should probably go out to the field team indicating that this practice should be stopped. In fact, I am sure that under the contract regulations the core should be available for examination at all times.

A R Kinkel Jr

Arthur R. Kinkel, Jr.
Geologist

Nov. 13 - 1952

This matter appears to have been taken care of by letter to applicant dated October 24 '52

EWE

for 10/29/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 6 1952

October 24, 1952

Mr. Ray Whiting
6226 Twenty-second N.E.
Seattle, Washington

Subject: Diamond drill cores, Whiting & Roumn, Yakima County, Wash. Project Idm-E259, Docket No. DMEA 2297 (mercury)

Dear Mr. Whiting:

Your letter to Mr. Magill regarding the cost of moving the diamond drill cores from the Indian Creek Mercury prospect to a point where they may be picked up by truck, has been referred to me for reply. In the exploration project contract allowance has been made for "Transportation - miscellaneous supplies, samples and manpower". Consequently, we believe that the cost of transportation of the core should be charged to the project.

If you will make arrangements to have the cores moved to the Indian Creek Corral we will be glad to pick them up at that point. It would be appreciated if you would notify us when the cores have been moved to Indian Creek Corral so that we may arrange for their removal to Spokane for logging.

Sincerely yours,

Thomas E. Howard
Chief, DMEA Section
Bureau of Mines, Region II

EAM/TEH/vf

cc: Wash. (2)
USGS (2)
DMEA
D/F
EAM

10/29/52 gla

DOCKET COPY

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

October 21, 1952

Mr. F. E. Johnson, Chairman
Operating Committee, DMEA
Washington 25, D. C.

Re: Docket No. DMEA-2297 - Mercury
Contract No. Idm-E259
Ray R. Whiting, Jr. & Milton P. Roumm
Indian Creek Cinnabar Property
Yakima County, Washington

Dear Mr. Johnson:

This is in reply to your letter of October 16 re certain objections to approval of a subcontract by the Operator with Lynch Brothers, diamond drill contractors.

You state in the last paragraph of yourletter that "your attention is invited to the fact there is nothing in the exploration project contract which requires the Government to make payment to anyone other than the Operator. The Government would not make any such payment to a subcontractor without an assignment being executed for each separate payment, and such a practice would be too cumbersome to adopt."

Since you have some questions on this matter, we will do our best to retrieve the approval. However, I would like to call your attention to the new contract form MF200 revised February, 1952 in which it is stated under Article 8B that "the Government may make any payment or payments direct to independent contractors and to suppliers for the account of the Operator rather than to the Operator." It is true that this statement does not occur in the contract in question as the old form was used. We felt, however, since this was provided for in the new form, there would be no objection to making this in an old form contract.

I also call your attention to Memorandum No. 8, Questions 27 and 28 which imply that the payment direct to a subcontractor is possible whenever this seems to be convenient.

We feel, therefore, that although we may have misinterpreted

RECEIVED
OCT 29 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

the intent of these provisions, we had at least a reasonable basis for believing that we were following the right course.

We will, however, attempt to retrieve this approval and submit a new one.

Sincerely yours

A. E. Weissenborn THK

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

cc: USBM (2)
Puffett

700 FILE (240)
SURNAME:

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

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

OCT 16 1952

Re: Docket No. DMEA-2297 (Mercury)
Contract No. Idm-E259
Ray H. Whiting, Jr. and Milton P. Roumm
Indian Creek Cinnabar Property
Yakima County, Washington

Dear Mr. Weissenborn:

Reference is made to your letter of September 25, enclosing an original and two copies of the form approving a subcontract made by the Operator with Lynch Brothers, diamond drill contractors.

There is no objection to the substantive part of this subcontract, but there is objection to the paragraph 2 thereof which provides that the Operator is to pay 25% of the cost of the work under the contract directly to the subcontractor, and that the balance of 75% shall be received by the subcontractor from the Government under the terms of the exploration project contract. Approval of the subcontract should therefore be modified to eliminate approval of this paragraph.

Your attention is invited to the fact that there is nothing in the exploration project contract which requires the Government to make payments to anyone other than the Operator. The Government would not make any such payment to a subcontractor without an assignment being executed for each separate payment, and such a practice would be too cumbersome to adopt.

10-16-52

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee

AEKane/mef/ema/gla 10-15-52

Enclosures

APPROVED:

J. H. Hedges

Member, Bureau of Mines

cc to: Docket
Opr. Com.
Mr. Hedges
A. E. Kane
Adm. Reading File
Mr. Thayer
E. W. Ellis
J. L. Hofflund

Member, Geological Survey

/s/ G. R. Tinkel, Jr.

FILE COPY
SURNAME:

AEKane
Ellis
Talbot

UNITED STATES 140
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Subject: Ray R. Whiting
Docket No. DMEA-2297
Contract No. Idm-E259
(Mercury)

Dear Mr. Weissenborn:

Reference is made to your letter of September 25, enclosing an original and two copies of the form approving a subcontract made by the Operator with Lynch Brothers, diamond drill contractors.

There is no objection to the substantive part of this subcontract, but there is objection to the last paragraph thereof which provides that the Operator is to pay 25% of the cost of the work under the contract directly to the subcontractor, and that the balance of 75% shall be received by the subcontractor from the Government under the terms of the exploration project contract. Approval of the subcontract should therefore be modified to eliminate approval of this paragraph.

Your attention is invited to the fact that there is nothing in the exploration project contract which requires the Government to make payments to anyone other than the Operator. In fact, the Government would not make any such payment to a subcontractor without an assignment being executed for each separate payment, and such a practice not only is not permitted but would be too cumbersome to adopt.

Sincerely yours,

Chairman, Operating Committee

AEKane/mef/ema-10-13-52
Enclosures
Approved:

cc: Mails & Files - Adm. Rdg. File
Op. Comm. - Mr. Thayer
Mr. Hedges - E. W. Ellis
A. E. Kane - J. L. Hofflund
Chron. - Pending

Member, Bureau of Mines

Member, Geological Survey

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

October 14, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Routine examination of progress at Whiting and Roumm Cinnabar prospect, Indian Creek, Yakima County, Washington
Docket No. DMEA 2297 (Mercury)
Contract Idm-E259

A routine examination was made of the Whiting and Roumm cinnabar prospect on Friday, October 3, 1952. Mr. Whiting, the diamond driller, and a driller's helper were at the property.

Since the last inspection in September, drilling has been done to explore for cinnabar along the creek near the southeast of the discovery post. Three holes, numbers 7, 8, and 9, have been completed. Total length of these three holes is 448 feet, making a total length of completed holes as of the date of the inspection, 998 feet. Hole No. 10 had been started, more than 50 feet having been completed. During the inspection, this hole was temporarily halted and hole No. 11 was started, approximately 18 feet of hole having been drilled before I left the property. The accompanying map shows the location, length and bearing of the completed holes. Holes No. 10 and 11 are upstream 80 feet from the collar of hole No. 9.

The location, bearing and length of holes completed has been wholly supervised by Mr. Whiting. Inasmuch as there is no definite definable structure toward which to drill, it is problematical whether the holes could have been more satisfactorily

located under professional guidance. It has been Mr. Whiting's practice to try and obtain the longest possible intersection in what he has termed "altered" rock. When the drill has intersected the green gneissic rock, termed by Whiting as granite, drilling has been discontinued and a new hole started.

On the last trip to the property I obtained a specimen of the "altered" rock and made a section of it. Under the microscope it can be seen that this rock consists predominately of carbonates, with a subordinate amount of quartz. It is apparent that these two minerals are not primary constituents of the rock, at least not in their present form. Bradley Myers, geologist with the U. S. Geological Survey, who has had considerable experience with cinnabar prospects, states that it is his opinion that this type rock is very similar to those rocks associated with some of the California cinnabar properties. It is also Myer's opinion that this "altered" rock is an altered member of the Keechelus andesite series.

Mr. Whiting has been panning drill cuttings from nearly every 1-foot interval of the holes drilled. He states that it is very seldom that evidences of cinnabar are not found in the pannings from all of the holes. During the inspection, Mr. Whiting panned a number of drill cuttings in which some pans showed as much as a small tail of cinnabar. Inspection of the core from the area panned showed that only very sparsely disseminated cinnabar was present. In fact, in none of the core recovered to date that was available for inspection are there indications that cinnabar of ore grade has been intersected. Mr. Whiting did state that he had sent some of the best-looking core to his partner, Mr. Roumm, in Seattle, and that this core would be returned.

If the rate of drilling continues at the rate at which it progressed during September, the called-for drilling will be completed before another inspection of the property can be scheduled. If no more favorable evidence is obtained in the future than that in the past, it is doubtful that ore will be indicated as a result of the drilling program.

The contract allows for an $8.00 per foot cost for the drilling and the operators have obtained a drilling contract for the more favorable cost of $6.00 per foot. This means that at least $2,800.00 will still remain in the estimated cost of the program. It is Mr. Whiting's opinion that he is going to have to drive a crosscut at the most favorable location before he will be convinced that he does not have a potential mine. He would like to apply this $2,800.00 toward driving this crosscut. Inasmuch as the drilling

to date has shown that cinnabar is present in the area but sufficient evidence of a minable zone has not been obtained, it may be that before the property is completely rejected as a possible cinnabar producer, the driving of this crosscut as part of the contract could be substantiated.

Enclosure

cc: U.S.B.M.(2)
Puffett

Docket [illegible] 8297 (Memorial)
Contract [illegible]-E 259

WHITING AND ROLLIN CLAIMS, PROPERTY

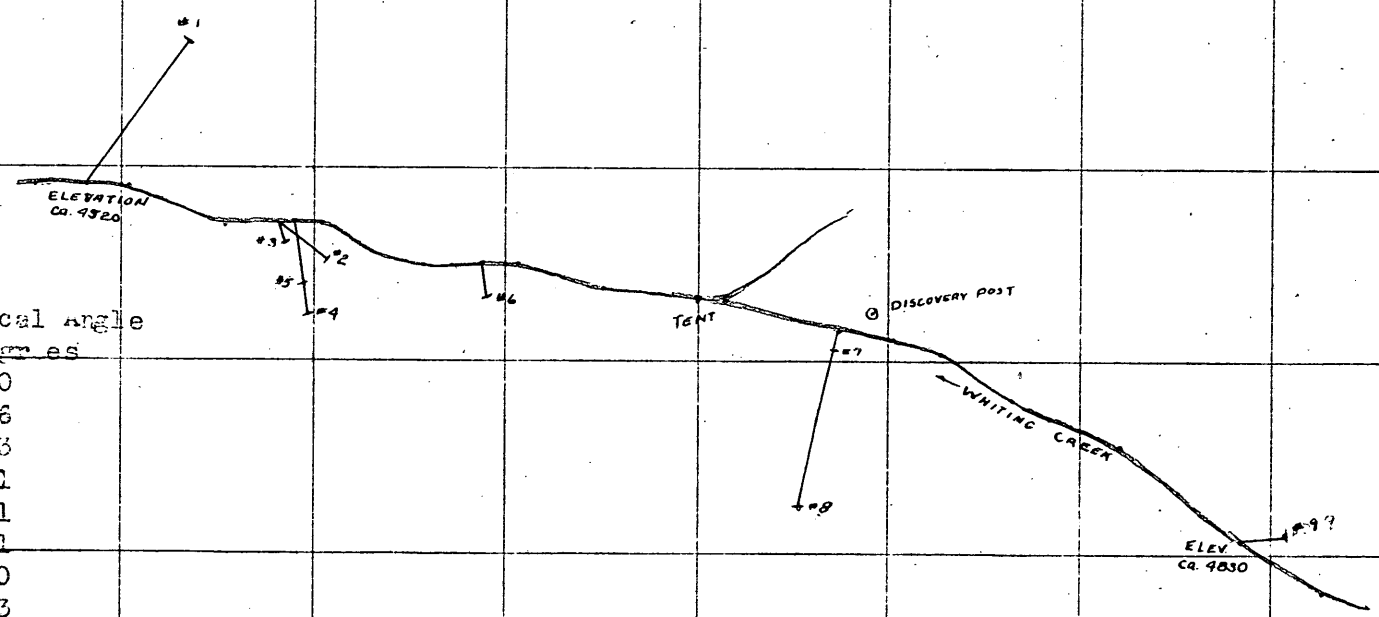
TRIBUTARY OF INDIAN CREEK

YAKIMA COUNTY, WASHINGTON

1 inch -- 200 feet

Location of Diamond drill holes.

North



Hole Number	Length feet	Vertical Angle degrees
1	197	-20
2	71	-36
3	24(curve)	-33
4	114	-31
5	110	-31
6	34	-11
7	104	-80
8	290	-43
9	54	-47

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

So. 157 Howard Street
Spokane 4, Washington

September 29, 1952

DMA-2297

Mr. Ray R. Whiting, Jr.
6220-22 N.E.
Seattle, Washington

Dear Mr. Whiting:

Enclosed is your copy of an approval of subcontract between Whiting and Roumm and the Lynch Brothers, diamond drill contractors, for the diamond drilling of your Indian Creek Cinnaber property. Please attach this to your copy of the contract.

Sincerely yours,

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

cc: USBM (2)
DMEA (2)
Puffett

Ans. 10/13/52
A E Kane/emm

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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SEP 29 1952

September 25, 1952

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

Re: Docket DMEA-2297 (Mercury)
Ray R. Whiting, Jr., and Milton P. Roumm, Indian Creek Cinnabar
Yakima County, Washington
Contract Idm-E259

Dear Mr. Johnson:

Enclosed are the original and two copies of a form dated September 24, 1952, approving a subcontract between Whiting and Roumm and the Lynch Brothers, diamond drill contractors, for the diamond drilling of the subject property. Copies have been distributed to the Regional Fiscal Officer and the Operator.

Sincerely yours,

A. E. Weissenborn
emm

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

cc: USBM (2)
Reg. Fiscal Officer, Albany
Puffett

gdS
9/30/52

RECEIVED
OCT 7 - 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

No. 157 Howard Street
Spokane 4, Washington

September 10, 1952

Memorandum

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Routine inspection of progress at Rouam and Whiting Cinnabar property, Yakima County, under Contract Idm-E259. Docket DMEA 2297 (Mercury).

A routine inspection was made of the Rouam and Whiting cinnabar property on Tuesday, September 9, 1952. I was accompanied on this inspection by E. A. Magill, U. S. Bureau of Mines. Mr. Ray Whiting, Jr., and a driller, Bert Boagley, were at the property.

Work under Stage II of the exploration project had been initiated, the first drilling being done on August 16, 1952. By the date of the inspection, 550 feet of diamond drilling had been completed. The drilling had been under the supervision of Mr. Whiting, Jr., who supervised the location and bearing of each hole. Three different areas had been tested with a total of 6 holes. Only scattered evidences of low-grade cinnabar mineralized rock had been recovered in the core. At no place in the core was evidence that an ore body had been intersected.

At the time of the inspection the drilling rig was being moved to a new location. It was suggested to the Operator that he move to the east end of his property in the Green Point Area and test that ground thoroughly inasmuch as the best assays had been obtained from samples taken here. If no favorable results were obtained, then the area around the discovery point should be tested.

Willard P. Puffett
Geologist

cc: DMEA (4)
USBM (2)
Puffett

140
FILE COPY
SURNAME:

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

AEKane
Hofflund

BY

AUG 11 1952

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA 2297 (Mercury)
Whiting and Roumm
Contract No. Idm-E259

Dear Mr. Weissenborn:

I am enclosing herewith five copies of Amendment No. 2 of the subject contract for their proper distribution.

I not only approve this amendment, but I commend your alertness in consummating it.

Sincerely yours,

8/11/52

(signed) FRANK E. JOHNSON (GHB)
Chairman, Operating Committee

Enclosures-5

APPROVED:

C. N. Johnson (GHB)
Member, Bureau of Mines

D. M. Lemmon (GHB)
Member, Geological Survey

AEKane/mef
8/8/52
cc to: Adm. R. File
Operating Comm.
Mails and Files
Mr. Johnson
Mr. Thayer
Mr. Hedges
Mr. Ellis
Mr. Hofflund
Mr. Kane
Pending
Chron.

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 31 1952

July 25, 1952

MEMORANDUM

To : Mr. Frank E. Johnson, Chairman, Operating Committee, DMEA

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

Subject: Justification of Amendment No. 2 to Indian Creek Cinnabar, Yakima County, Washington, Whiting and Roumm, Contract Idm-259, Docket 2297 (Mercury).

Attached are eight copies of Amendment No. 2, adding to claims included in the subject contract. I am not sure that I am entitled to sign this amendment. If not, I should appreciate it if a new amendment were prepared and sent out here for the operator's signature.

The reason for the amendment is that two of the best cinnabar showings have been found just off the end line of the Denny Ray claim, and if any testing is to be done, it should logically be begun on this showing. A new claim, the Roumm, has been staked to cover this, and we believe it is obviously to the Government's advantage that this new claim be added to the claims in the contract.

If this amendment does meet with your approval, will you kindly retain the original and two copies and return the remaining five copies to this office for proper distribution.

A. E. Weissenborn

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

Enclosures

cc: U.S.B.M.

RECEIVED
AUG 6 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

July 21, 1952

Memorandum

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

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Routine examination of progress at Indian Creek Cinnabar property, Yakima County, Washington, to inspect progress under DMEA Contract Idm-E259, Docket DMEA-2297, Cinnabar.

A routine examination was made of the Indian Creek Cinnabar property Tuesday, July 8, 1952. I was accompanied on this inspection by E. A. Magill, U. S. Bureau of Mines, and George P. Marinos, Professor of Geology, Athens, Greece.

As the operator had practically completed Stage I of his contract, which called for initial hand trenching for cinnabar exposures, the primary reason for the inspection was to determine if sufficient evidence had been obtained to allow the operator to proceed with Stage II of the contract which calls for 1,400 feet of diamond drilling.

The operator, Mr. Whiting, accompanied the examining personnel in the inspections of his claims, and pointed out various locations where he has obtained promising evidences of cinnabar. These evidences for the most part consist of cinnabar "paint" on broken rock surfaces and shear surfaces but one or two locations have yielded crystalline cinnabar. Inasmuch as only hand tools were used in the exploration to date, there was no method of determining if the cinnabar "paint" indicates that crystalline cinnabar exists at depth.

A tape and compass traverse of the property was made by myself and Mr. Marinos, in which the main trenches and pits were located, subsidiary surface work being located only generally. It is found, upon plotting information obtained, that the area in which evidences of cinnabar in bedrock have been found is a minimum of 1,400 feet long and represents a difference in elevation from one end to the other of at least 350 feet.

The areas explored are the steeply sloping north and south banks of a tributary of Indian Creek, designated hereafter as Whiting

Creek inasmuch as it has not yet been named on any available map. The rocks exposed are mostly what is believed to be hydrothermally altered acid igneous rock in which a small percentage of carbonates have been introduced and a gneissic, relatively unaltered, more basic rock, probably originally diorite. The contact between the two types of rocks is generally gradational and in many locations it is difficult to determine just which of the two rock types is exposed. The altered acid rock in places exhibits gneissic banding but for the most part these evidences are generally obscure. The general orientation of the gneissic foliation is from North-South to N. 20° W. with the dips being steeply to the west or southwest.

Insofar as the operator has been able to determine, the exposures of cinnabar have been confined to the altered acid rock. It occurs as "paint" on the surfaces or as tiny crystalline concentrations. I obtained the impression that the showings of cinnabar are aligned parallel to the foliation of gneissoid rock but sufficient evidence was not available to positively confirm this.

Although the general impression is gained that the cinnabar has been disseminated through a great volume of rock in which probably there exists no minable concentration, further exploration in the form of diamond drilling appears justified as the most practicable method to discover if, beneath the surface, the cinnabar is more crystalline and of sufficient grade to merit underground tunneling. If it could be proven that the large area of altered rock overlies a low-grade body of disseminated cinnabar ore, it may be that a large tonnage mining method could exploit such deposit economically.

The operator states he wants to do more exploration at four different locations where he has found persistent and consistent showings of cinnabar. These locations are indicated on the map. It was suggested to the operator he do his initial drilling at the location farthest down creek and then progressively move his drilling operations to successive locations up the creek.

Willard P. Puffett
Geologist

Enclosure (map)

cc: DMEA (2)
USBM (2)
USGS (SRO)

M. E. Volin, Member, DMEA Field Team, Reg. II July 21, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Routine progress examination of Indian Creek Cinnabar (Whiting & Roumn) Yakima County, Wash., Docket DMEA 2297, (Mercury) Contract Idm-E259

An examination was made of the subject property on July 8, 1952 in company with Willard Puffett of the U. S. Geological Survey.

The Operator intended to complete the work called for in Stage I of the project on the day of the visit. He has done a very satisfactory job of exposing the bedrock with cuts and pits for over 1,500 feet along "Whiting Creek". A Brunton tape survey was made of the work; this map will accompany Mr. Puffett's report.

The trenching has disclosed an area over 1,500 feet in length which has been highly altered containing disseminated cinnabar. Work to date has failed to disclose any structure or area which could be considered commercial ore. At the present time it does not appear that the entire altered area could be considered as ore for a large scale operation. Further work on the property certainly appears to be indicated, however.

It is recommended that the operator be allowed to enter into Stage II of the contract. This stage calls for 1,400 feet of diamond drilling. The operator would like to drill at four different areas along the creek which have shown a slightly higher concentration of cinnabar.

It is also recommended that if possible a detailed geologic map be prepared covering the altered area.

In order to carry out a diamond drilling program it will be necessary to construct a trail to the creek about 500 ft. in length down the side of the canyon from the end of the present pack trail. It will then be necessary to construct a trail up the creek from drill site to drill site, a distance of about 1,500 feet. There is ample water in "Whiting Creek" for any drilling operations, also ample native timber for derrick, etc. The drill and all supplies to service it will have to be packed in 4-1/2 miles from the end of the Indian Creek road. It is anticipated that any drilling done will be A X core, all holes from the surface; average holes to be 100 to 200 feet in length. Findings as the drilling progresses may greatly alter the length of the holes, however.

The operator plans to take a representative of Lynch Bros. Diamond Drilling Company into the property on July 21 so that they may submit a bid for the drilling.

E. A. Magill

Orig. to files
DF USGA (2)
Wash. (2) EAM

1201 N. Division St.
Spokane 2, Wash.
July 18, 1952

VIA SPECIAL DELIVERY

Mr. Ray R. Whiting, Jr.
6226 - 22nd, N.E.
Seattle, Wash.

Ray R. Whiting

Subject: Samples, Indian Creek Cinnabar,
Yakima County, Wash., Contract Idm-E259
Docket No. DMEA 2297 (mercury)

Dear Mr. Whiting:

We have just received the assays of the samples taken by Mr. Magill and Mr. Puffett on their trip to your property on June 5, 1952. The results were as follows:

Sample Number	Percent Hg	Ounces per ton Au	Ounces per ton Ag
EAM-176	0.05	0.02	0.66
177	0.05	N.D.	0.72
178	0.04	N.D.	0.30
179	0.13	N.D.	0.34

Sample 176 - a grab sample of ore collected by Whiting and stockpiled at tent.

Sample 177 - A grab sample of altered granite from pit on north side of creek, east end of Denny Ray Claim.

Sample 178 - A select sample of ore (?) from north side of creek in west ore zone. (This is where your two men were working the day Magill and Puffett were there.)

Sample 179 - Selected pieces of altered granite containing disseminated cinnabar from various places on property.

Possibly the low results of these samples may alter your opinion about the advisability of entering into the second stage of the contract. We would appreciate hearing from you on the matter.

Sincerely yours,

M. E. Volin, Member
DMEA Field Team
Region II

cc: USGS, Spokane
DMEA, Wash.

M. E. Volin, Member, DMEA Field Team, Reg. II June 18, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Progress examination, Indian Creek Cinnabar (Whiting & Roumm), Contract Idm-E259, Docket DMEA 2297 (mercury)

A visit was made to the subject property on June 5, 1952, in company with Willard Puffett of the U. S. Geological Survey.

Three men were working on the property, including Ray Whiting who is in charge. Actual work on the property began on May 26. A new tent camp has been erected on the flats several hundred feet above and south of the creek.

Trenching has consisted of a number of prospect pits at various places in an attempt to find a structure which might control the cinnabar mineralization within the altered zone. At the time of the visit no controlling structure had been found although disseminated cinnabar had been found in a number of places.

To the west (down the creek) of the original two claims the Operator has located a nice showing in the creek bottom and on the north side of the creek. He has located a new claim on this showing and has requested that this new claim be included in the contract so that he may carry out trenching on the exposures.

It was suggested to the Operator that he uncover the contact in several places between the highly altered granitic rock which contains the cinnabar and the relatively fresh granite. It was also suggested that every attempt be made to find some structural control to the cinnabar mineralization.

A number of samples (EAM-176 to 179 inclusive) were taken of select and typical rock containing cinnabar which has been found to date.

The first stage of the contract (i.e., trenching) should be completed by or shortly after the 1st of July. At that time it will be necessary to decide whether the diamond drilling program (Stage II) is to be entered into. It will be necessary to make this decision rapidly in order that the second stage may be completed before winter weather. The Operator's progress to date has been satisfactory under rather difficult working conditions.

E. A. Magill

Orig. to files
cc: USGS (2) — Wash., D.C. (2) — EAM

M. E. Volin, Member, DMEA Field Team, Reg. II May 20, 1952

E. A. Magill, mining engineer, Bureau of Mines

Indian Creek Cinnabar (Whiting prospect), Yakima County, Wash.
Contract Idm-L259, Docket No. DMEA 2297 (mercury)

Mr. Ray R. Whiting of the subject property was contacted by phone on May 18, 1952. He stated that he had just returned from spending several days on the property. Snow was still on the north slopes but south slopes were clear.

He plans on returning to the property with two men on May 22 to commence trenching operations as called for under the exploration project.

E. A. Magill

Orig. to files
cc: USGS, Spokane
2 cys - Wash.
EAM

OFFICE OF THE ADMINISTRATOR

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

So. 157 Howard Street
Spokane 4, Washington

Area 2291
Manganese (Spokane)

April 3, 1952

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

Re: Contract Idm-E259
Whiting and Roumm

Dear Sir:

Enclosed are three copies of Amendment No. 1 to the subject contract. This amendment changes the starting date of the project from February 19, 1952, to not later than May 15, 1952.

Additional copies of this amendment have been sent to the Operator and to the Fiscal Officer.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 7 1952

Sincerely yours,

Kathryn Gray

Kathryn Gray
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures.

Sol

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

March 10, 1952

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

Re: Docket DMEA 2297, Mercury
Indian Creek Cinnabar
Yakima County, Washington
Idm-E259

Dear Mr. Mittendorf:

Forwarded herewith are four signed copies of Exploration Project Contract Idm-E259.

The applicant states that due to snow conditions work will not be initiated on the project until after May 1, 1952. An amendment changing the effective starting date of the contract to not later than May 15, 1952, is being prepared and upon being signed by the applicant will be forwarded to your office.

Yours very truly,

Willard P. Puffett

Willard P. Puffett
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

cc: USBM, Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 7 1952

700

FILE COPY
SURNAME:

F L Knouse
Ellis

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

FEB 21 1952

Peyser, Cartano, Botzer & Chapman
1415 Joseph Mance Building
Seattle 1, Washington

Re: Docket No. DMEA-2297 (Mercury)
Ray R. Whiting & Milton P. Roumm
Indian Creek Cinnabar Property

Dear Sirs:

We wish to acknowledge receipt of your letter dated February 14, 1952, regarding the status of the above captioned application.

A contract has been prepared and was mailed on February 19, 1952, to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 8, Washington for the signature of the operators.

Sincerely yours,
SIGNED E.L. 2/21/52

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

FLKnouse/jem
2/20/52
cc to: Adm. Reading File
Docket
Messrs. Meyer, H.M. Rm. 3623
McKnight, E.T. Rm. 4204 GS
Ellis
Knouse
Field Team, Region II (2)

02

2/19/52 gla

ETHAN ALLEN PEYSER
JAMES M. BAILEY-1946
JOHN D. CARTANO
WILLIAM H. BOTZER
JOHN W. CHAPMAN
HUGO E. OSWALD, JR.
ROBERT A. O'NEILL

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
FEB 19 3 39 AM '52

PEYSER, CARTANO, BOTZER & CHAPMAN
LAW OFFICES
1415 JOSEPH VANCE BUILDING
SEATTLE, 1
SENECA 0377

February 14th, 1952

Mr. Ernest W. Ellis
Rare and Miscellaneous Minerals Division
Department of the Interior
Room 4070
New Interior Building
Washington 25, D. C.

Re: DMEA 2297 (Exploration Loan - Denny-Ray & Indian Creek Cinnebar Claim)

Dear Mr. Ellis:

On January 9th the above application for an exploration loan was forwarded by Mr. Ray R. Whiting, Jr.

Is there anything we can do to expedite action on it?

Sincerely yours,

PEYSER, CARTANO, BOTZER & CHAPMAN

By [signature]

EAP:r

Mailed to Field Team 2-19-52

700

FILE COPY

SURNAME:

F. L. Knouse
Ellis
Mayer
McKnight

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

AIR MAIL

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

2 18 1952

Re: Docket No. DMEA-2297 (Mercury)
Ray H. Whiting and Milton P. Roumm
Indian Creek Cinnabar Property
Yakima County, Washington

Dear Mr. Weissenborn:

Enclosed are the original and five copies of the captioned contract which have been signed by the Government, with the attached Exhibit "A" (three (3) pages, and one (1) map).

If the terms and conditions of this contract meet with the approval of the operator, the original and five copies are to be signed by Messrs. Ray R. Whiting, Jr. and Milton P. Roumm. Upon obtaining the signatures to the contract, the copy marked "Operator's Copy" is to be given to the operators, the copy marked "Field Team's Copy" retained by your office, and the remaining four copies are to be returned to this office.

If any part of this contract does not meet with the approval of the operators, the original and all copies are to be returned to this office with the proposed changes for consideration.

This contract is for the total amount of $18,425.00.

Sincerely yours,

2/19

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures 6

FLKnouse/gla 2-14-52
cc to: Adm. Reading File
Docket
Messrs. Johnson, C.H. Rm. 3621
McKnight, E.T. Rm. 4204 GSA
Ellis
Knouse

APPROVED:

C H Johnson
For Bureau of Mines

L P Thayer
For Geological Survey

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

February 8, 1952

Memorandum

To: F. L. Knouse, DMEA

From: C. H. Johnson, Bureau of Mines

Sugject: DMEA 2297 - Whiting and Roumm, Mercury Project, Indian Creek Prospect, Yakima County, Washington

I have reviewed the application and field team report and am of the opinion the prospect has sufficient merit to go along with the field team recommendation.

Although the entire 1200 feet of trenching is not laid out on the map, perhaps it would be just as well to leave the disposition of the unmapped 600 or 700 feet until the first several hundred feet of trenching has been done. Then in the course of an inspection agreement might be reached as to the desirability of completing the trenching and where to do it.

C. H. Johnson
C. H. Johnson for
Helena M. Meyer

Noted - 2-11-52
FLK

Copy to E. T. McKnight, U.S.G.S.
Minerals Division
H. M. Meyer
Base Metals Branch
Files

IN REPLY REFER TO:
2/7/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

February 7, 1952

Memorandum

Re: DMEA-2297
Indian Creek Cinnabar Deposit
Yakima County, Washington
Quicksilver

To: Mr. E. Wm. Ellis

From: Mr. E. T. McKnight

Subject: Approval of subject application

Cinnabar float and a few outcrops have been discovered by applicant in a zone of altered granite more than 800 ft. long and about 300 ft. wide. The zone contains numerous small faults of post mineral age which may in part represent renewed movement along the structural zone localizing the mineral. These small faults strike roughly east parallel to the altered zone and dip 35°-40° south. A 15 ft. tunnel at one place yielded a selected sample which, according to the applicant, assayed 4.8 lbs. of quicksilver per rock ton. Although this sample could not be duplicated by the field team engineer, there were enough showings of mercury in the zone of alteration to warrant, in his opinion, some further investigation below the heavy overburden which could hide a workable quicksilver vein. The showings of quicksilver exposed to date could conceivably represent the small amount of mineral that would normally be expected to penetrate the walls of a vein throughout an alteration zone, and exposures are not good enough to preclude the presence of such a vein.

The field team report itemizes the costs in two steps. Step I consists of digging two trenches through 5-10 feet of overburden across the zone of alteration to expose the bedrock. Step II consists of diamond drilling, but only in case Step I reveals a promising vein or mineralized zone.

Although this project does not sound too promising, it definitely warrants enough work to expose a couple of cross-sections below the overburden, as only in this way can sound information be obtained on which to base an appraisal of the prospect. Step I, as outlined in the field team report, will cost $2,000, ~~and to this should be added an allowance of $200 for sampling in case any ore is found.~~ deleted by McKnight. Step II would be justified only in case Step I were successful. The most informative section of a mineralized body is the cross-section made by the erosion surface, and if, after adequate exposure, this

fails to reveal anything of value, it would be a waste of funds to diamond drill to a lower level. Hence, it should be made clear in the contract that Step II is not to be undertaken until it has been approved by the field team after inspecting the results of Step I.

It is believed that the field team report gives all the data needed in preparing a two-stage contract on this proposal.

Edwin T. McKnight

Edwin T. McKnight
Geologist

A.a.
1-28-52
2/4/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1952

1201 N. Division St.
Spokane 2, Wash.
January 21, 1952

DMEA-2297

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region II

Subject: Indian Creek mine, Yakima County, Wash., application for exploration assistance. Commodity: Mercury

An examination of the subject property, made on receipt of an application for exploration assistance and prior to docketing, has been completed. The Field Team recommends the proposed project for favorable action.

Available information indicates an extensive area of gneissoid granite characterized by intense alteration localized along a zone of fracturing. Small amounts of Cinnabar and disseminated pyrite appear to be widespread throughout this zone. The proposed step exploration project is considered adequate to evaluate the prospect.

A memorandum report concerning the prospect, prepared by H. T. Reno, mining engineer, Bureau of Mines, is forwarded herewith for a review, accompanied by the following docket material:

Form MF-100, 1 copy
MF-103, 1 copy
MF-202, 6 copies

By Field Team, Region II

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

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

Enclosures

cc: USGS, Spokane

ON-SITE EXAM. REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1201 North Division Street
Spokane 2, Washington
January 16, 1952

DMEA-2297
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1952
Reviewed by
DMEA OPERATING COMMITTEE
2-1-52
(date)

MEMORANDUM

To: M. E. Volin, Chief, Mining Division, Region II

From: H. T. Reno, Mining Engineer, Region II

Subject: Indian Creek Mine, Yakima County, Wash.
DMEA Docket No. 2297
Commodity: Mercury

RECOMMENDATION

It is recommended that the DMEA enter into an exploration contract with the applicant in the amount of $18,425. The applicant is prepared to furnish one-fourth of this amount. It is emphasized that the project be set up in two steps: trenching and drilling with no drilling to be done unless the trenching reveals favorable geologic features.

APPLICANT

The applicant is a partnership owned jointly by Ray R. Whiting, Jr., and Milton P. Roumm, Seattle, Washington.

LOCATION OF DEPOSIT

The deposit is on the Denny-Ray and Indian Creek unpatented mineral claims in section 11, T. 14 N., R. 12 E., Yakima County, Wash. It is accessible from Naches, Wash., five miles northwest and 23 miles west on highway No. 5 to Indian Creek, thence six miles northwest up Indian Creek (2-1/2 miles by road and 3-1/2 miles by trail), and thence 1/2 mile east (no trail). The applicant proposes to build a half mile of pack trail from the deposit to Indian Creek. It is estimated that a road to the property will cost $25,000.

HISTORY

The claims were located in July, 1951, by Ray and Claude Whiting. The applicant has established a two-man tent camp and driven fifteen feet of adit on the property.

DESCRIPTION OF PROPOSAL

The applicant proposes to do a limited amount of hand trenching and drill 1400 linear feet of diamond drill holes. The location of the diamond drill holes will be determined from information gained by trenching. The attached sketch shows what is believed to be the general outline of the deposit and suggested trenching.

TECHNICAL FEASIBILITY

Geologic Setting

The deposit is an altered zone in gneissoid granite believed to strike east and dip steeply south. A few outcrops and the presence of float rock indicate that the deposit is more than 800 feet long and about 300 feet wide. Slickensides and gouge show numerous small post-mineralization faults or a continuation of faulting after mineralization. The small faults strike roughly parallel to the strike of the mineralized zone and dip 35° to 40° to the south. Two large faults apparently crosscut the mineralized zone. Two specimens from the altered zone have been described by a Bureau of Mines petrographer as follows: one, "a completely altered phaneritic acid igneous rock, probably originally a granite, that contains predominately residual quartz, limonite, a relatively small amount of secondary quartz, ankerite, a magnesium substituted calcite, and traces of finely disseminated pyrite and cinnabar", and the other, "an impure ankerite with some associated dolomite, sericite, quartz, chlorite, kaolinite, cinnabar, limonite, and a trace of finely disseminated pyrite".

A selected sample taken in the adit by the applicant contained 4.8 pounds of mercury to the ton, but a grab sample taken on the dump contained only 0.03 percent mercury and none could be detected in a sample taken across the adit face.

Mine Workings

A 5 x 7 x 15 foot adit is the only workings on the property.

Reserves

No estimate can be made of the reserves. Three fourths million tons of the altered rock can be uncovered by removing 5 to 10 feet of overburden and weathered material.

Mining Method

It is believed that the ground will be heavy and underground mining will have to be done in supported stopes. The cost of underground mining is estimated at $12.00 a ton. The cost of open pit mining is estimated at $1.00 a ton.

Milling Method

Hand sorting and retorting of the finely disseminated cinnabar appears impossible. Cinnabar ore can be concentrated by flotation. However, the concentrate is so fine that it cannot be treated in an ordinary rotary kiln but must be roasted and elaborate equipment used to recover the flue dust. The cost of retorting is estimated at $8.00 a ton.

Rate of Production

The rate of production depends entirely on the size and tenor of the ore body.

Time Schedule to Attain Objectives

The applicant proposes to start work as soon after the contract is signed as weather will permit and to complete the project within 180 days thereafter. If a small deposit is found, the applicant plans to complete installation of a retort by fall of 1952. No plans have been made for a large scale operation.

Marketing Facilities

The applicant proposes to produce mercury at the mine and sell it in San Francisco, California.

Equipment and Facilities

The applicant proposes to either rent diamond drill equipment or contract the work with the contractor furnishing the equipment. Renting diamond drilling equipment is not practical and any diamond drilling work should be contracted. The applicant proposes to enlarge the present tent camp to accomodate four men.

Labor Supply

Unskilled labor is available in Yakima, Wash; drillers and miners are available in Seattle. The applicant proposes to pay $12.00 a day for unskilled labor. This rate is more than is paid in Yakima, but less than is paid in most active mining districts.

Power

Hydro-electric power can be manufactured at a falls on Indian Creek a half a mile from the property. Power requirements, however, for a small operation will be met either by gasoline or diesel equipment.

Adequacy of Requested Funds

The funds are adequate to complete the project. Estimated cost is as follows:

Step I

1200 ft. of hand trenching at $1/ft	$1200.	
Supervision	500.	
Small tools and transportation	300.	
Sub total		$2,000.

Step II

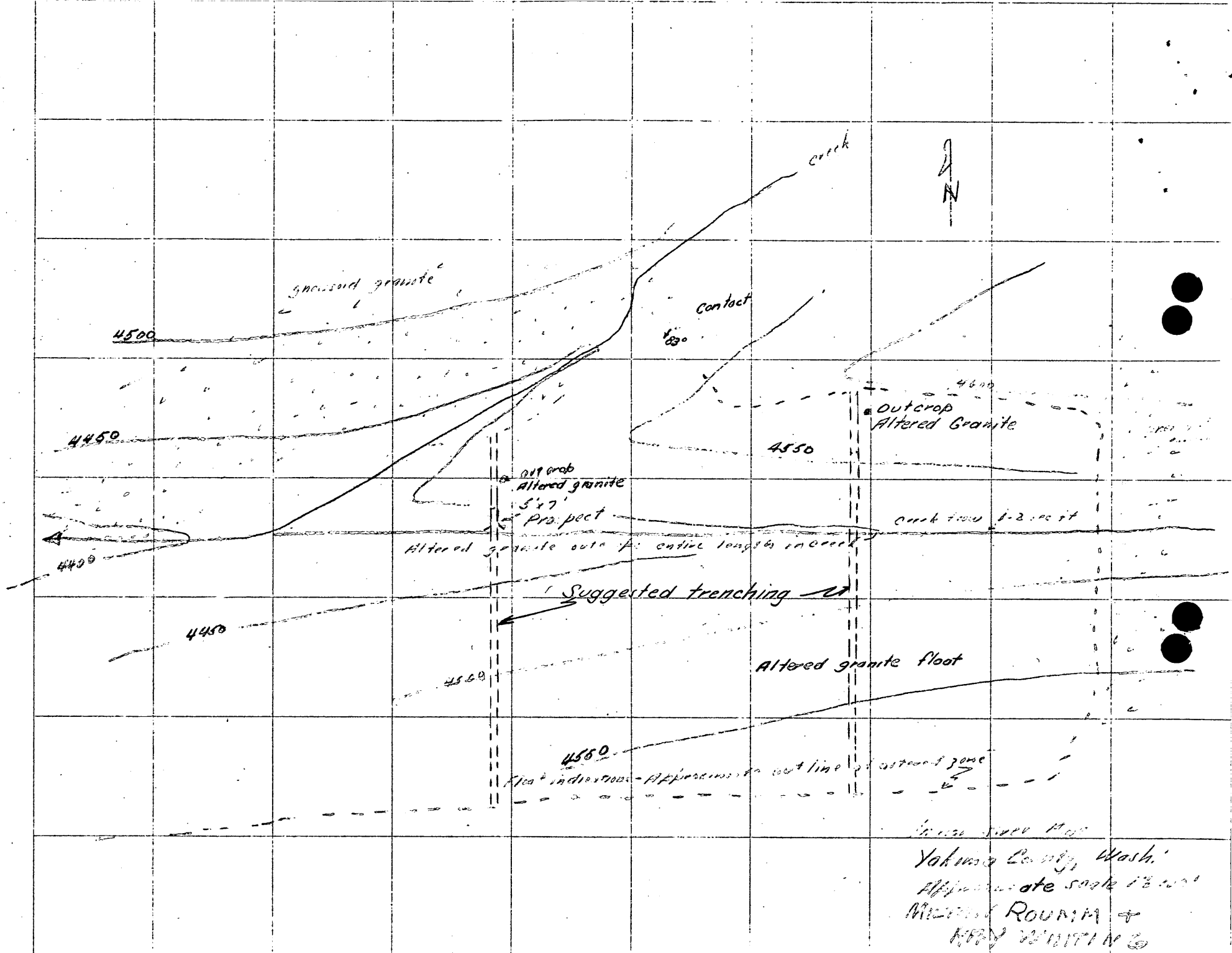
1/2 mile of access trail	700.	
Tent camp and facilities	475.	
1400 linear ft. diamond drill hole at $8/ft.	11,200.	
Moving equipment to and from property	1,000.	
Transportation 5 months at $150/mo	750.	
Supervision, mapping, sampling, and bookkeeping $400/mo	2,000	
Assaying	300.	
Sub total		16,425
Total		$18,425.

Competence of Applicant

Milton Roumm, Seattle, a sales agent, is entirely uninformed concerning mining. Roy Whiting has had four years experience in a cinnabar mine as a miner, sampler, and assistant to the retort operator. He is honest, a hard worker, and is considered competent to supervise the proposed exploration project.

Discussion of Proposal

The extremely low mercury content of the samples taken at the adit make it seem unlikely this deposit can be developed into a large, open, pit mine. However, the size, shape, and character of the deposit is obscured by heavy overburden and it may be a definite vein structure exists, and the exposed portion is simply wall rock alteration with mineralization penetrating the walls. A search for such structure seems justified by the intense alteration and the presence of cinnabar mineralization. If no dominate mineralized structure is found by surface trenching, the expense of diamond drilling cannot be justified and further exploration should not be attempted.


creek
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4600
Outcrop
Altered Granite
Outcrop
Altered granite
5'x7'
Prospect
creek flow 1-2 sec ft
Altered granite outcrop in entire length in creek
Suggested trenching
Altered granite float
4600
Yakima County, Wash.
Approximate scale 1" = 100'
Mining Rounds &
Key Workings

ETHAN ALLEN PEYSER
JAMES M. BAILEY-1946
JOHN D. CARTANO
WILLIAM H. BOTZER
JOHN W. CHAPMAN
HUGO E. OSWALD, JR.
ROBERT A. O'NEILL

LAW OFFICES OF
PEYSER, CARTANO, BOTZER & CHAPMAN
1415 JOSEPH VANCE BUILDING
SEATTLE, 1
SENECA 0377

JCa 1/17/52
EAP

January 9th, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 16 1952

Mr. Ernest W. Ellis, Acting Chief
Rare and Miscellaneous Minerals Division
Department of the Interior
Room 4070
New Interior Building
Washington 25, D. C.

Re: DMEA 2297 (Exploration Loan - Denny-Ray & Indian Creek Cinnebar Claim)

This will confirm our telephone conversation.

This firm represents Mr. Whiting and we would welcome an opportunity to do anything possible to expedite the above application. Please feel free to telephone or wire us collect if any additional information is needed.

We are also, at your suggestion, sending a copy of this letter to Mr. A. E. Weisenborn in Spokane.

Sincerely yours,

PEYSER, CARTANO, BOTZER & CHAPMAN

EAP:r

By [signature]

The above is written with my authority. You are authorized to deal directly with Messrs. Peyser, Cartano, Botzer & Chapman.

Ray R Whiting Jr.

DEPARTMENT OF THE INTERIOR
RECEIVED
JAN 3 1952
Defense Minerals Administration,
Production Expansion Division.

Ray Whiting
6226 22 Ave. N.E.
Seattle, Wn.

Robert C. Adams
Acting adm. Officer
D.M.E.A.,

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 - 1952

Docket No. 2297

Dear Mr. Adams,

This letter is in answer to your question of the total cost of the Indian Creek project.

We had planned our project to be set up on a ($20,000.00) lease; ($15,000.00) cost to the government; ($5,000.00) cost to ourselves. On the application there is an estimated cost of ($15,475.00), however the Spokane D.M.E.A. office added ($500.00) for demobilization of the diamond drill, and ($1,000.00) more for surface trenching; making the total estimated cost ($16,975.00).

the balance approximately ($300.00) to be used for various taxes and any other additional cost that might arise. I trust this answers your question on the cost of the project.

Sincerely yours,

Roy Whiting.

EXPLORATION

Subject: DMEA-2297
Re: Exploration Loan
Denny-Ray & Indian Creek
Cinnebar Claims

Mr. Ray R. Whiting, Jr.
6226-22nd Street, N. E.,
Seattle, Washington

My dear Mr. Whiting:

This will acknowledge receipt of your application dated December 3, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2297 and referred to the Rare & Miscellaneous Division.

Kindly refer to DMEA-2297 in any future correspondence relating to your application.

Sincerely yours,

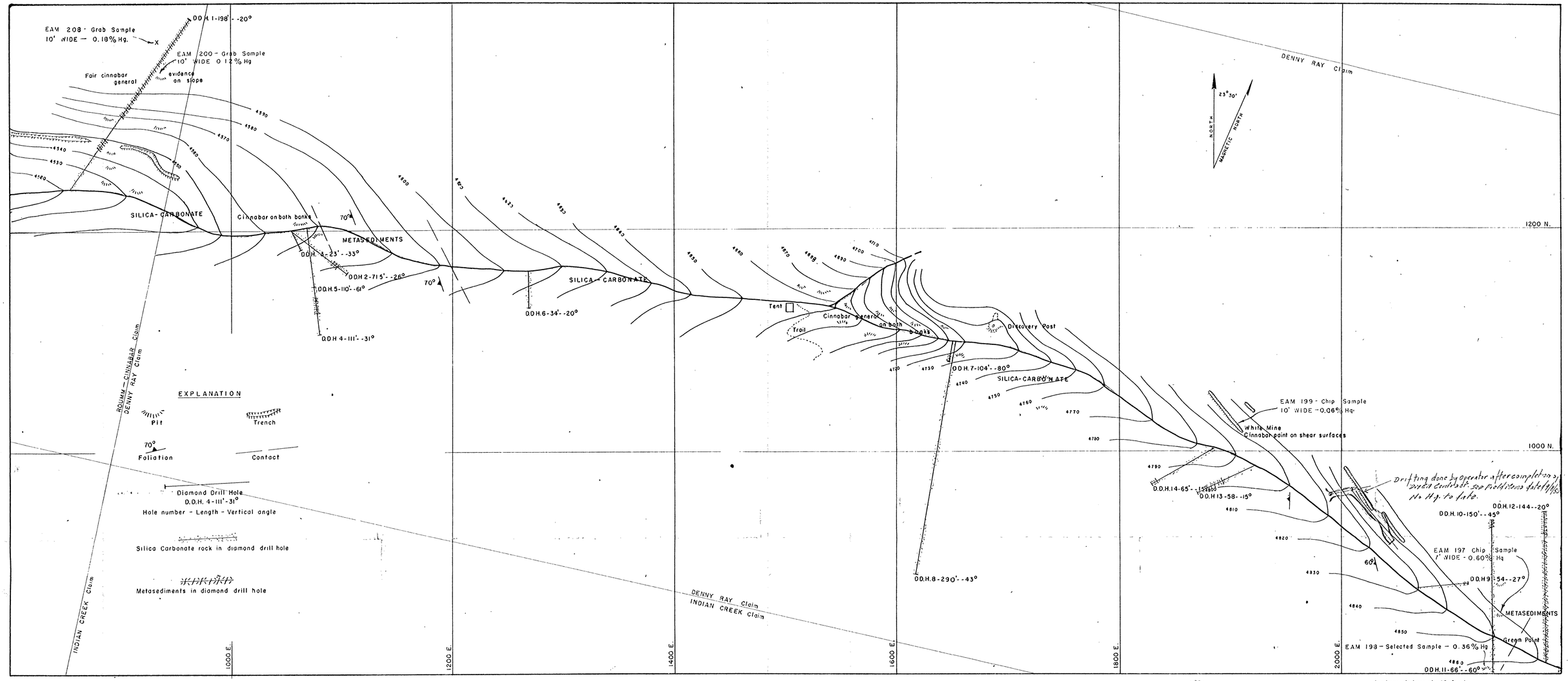
ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Docket No DMEA-2297
Contract Idm-E 259



Drifting done by operator after completion of work contract. See Proceedings dated 8/1/52. No Hg. to date.

Tape and Brunton survey July 8, 1952
W P Puffett and G.P. Marinos, U.S. Geological Survey

WHITING AND ROUMM - INDIAN CREEK CINNABAR PROPERTY
YAKIMA COUNTY, WASHINGTON

0 50 100 150 FEET

Contour Interval 10 feet.
Elevation at discovery post determined by altimeter
Claim lines approximate

THE TOPOGRAPHIC MAPS OF THE UNITED STATES

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Although some areas are surveyed and some maps are compiled and published on special scales for special purposes, the standard topographic surveys and the resulting maps have for many years been of three types, differentiated as follows

1 Surveys of areas in which there are problems of great public importance—relating, for example, to mineral development, irrigation, or reclamation of swamp areas—are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{31\,680}$ (1 inch = one-half mile) or $\frac{1}{24\,000}$ (1 inch = 2,000 feet), with a contour interval of 1 to 100 feet, according to the relief of the particular area mapped

2 Surveys of areas in which there are problems of average public importance, such as most of the basin of the Mississippi and its tributaries, are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{62\,500}$ (1 inch = nearly 1 mile), with a contour interval of 10 to 100 feet

3 Surveys of areas in which the problems are of minor public importance, such as much of the mountain or desert region of Arizona or New Mexico, and the high mountain area of the northwest, are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{125\,000}$ (1 inch = nearly 2 miles) or $\frac{1}{250,000}$ (1 inch = nearly 4 miles), with a contour interval of 20 to 250 feet

The aerial camera is now being used in mapping From the information recorded on the photographs, planimetric maps, which show only drainage and culture, have been made for some areas in the United States By the use of stereoscopic plotting apparatus, aerial photographs are utilized also in the making of the regular topographic maps, which show relief as well as drainage and culture.

A topographic survey of Alaska has been in progress since 1898, and nearly 14 percent of its area has now been mapped. About 15 percent of the Territory has been covered by maps on a scale of $\frac{1}{500\,000}$ (1 inch = nearly 8 miles) For most of the remainder of the area surveyed the maps published are on a scale of $\frac{1}{250\,000}$ (1 inch = nearly 4 miles) For some areas of particular economic importance, covering about 4,300 square miles, the maps published are on a scale of $\frac{1}{62\,500}$ (1 inch = nearly 1 mile) or larger In addition to the area covered by topographic maps, about 14,300 square miles of southeastern Alaska has been covered by planimetric maps on scales of $\frac{1}{125\,000}$ and $\frac{1}{250,000}$

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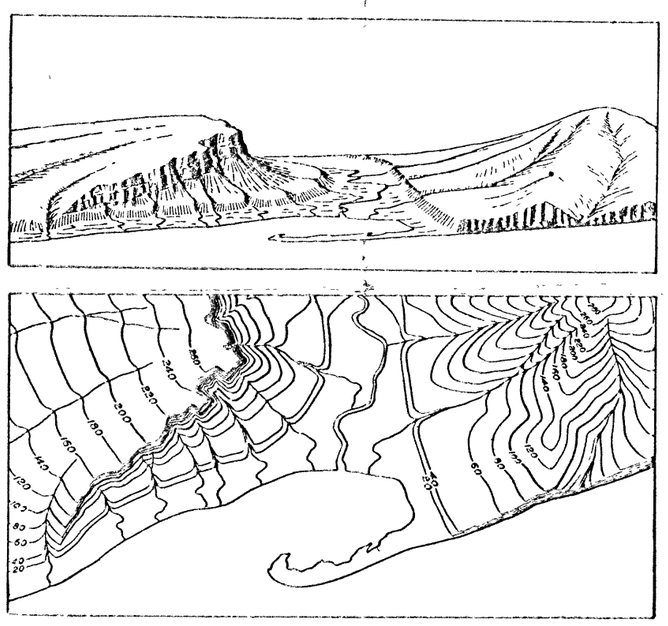
The manner in which contour lines express altitude, form, and grade is shown in the figure below



The sketch represents a river valley that lies between two hills In the foreground is the sea, with a bay that is partly enclosed by a hooked sand bar On each side of the valley is a terrace into which small streams have cut narrow gullies The hill on the right has a rounded summit and gently sloping spurs separated by ravines The spurs are truncated at their lower ends by a sea cliff The hill at the left terminates abruptly at the valley in a steep scarp, from which it slopes gradually away and forms an inclined tableland that is traversed by a few shallow gullies. On the map each of these features is represented, directly beneath its position in the sketch, by contour lines

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November 1937

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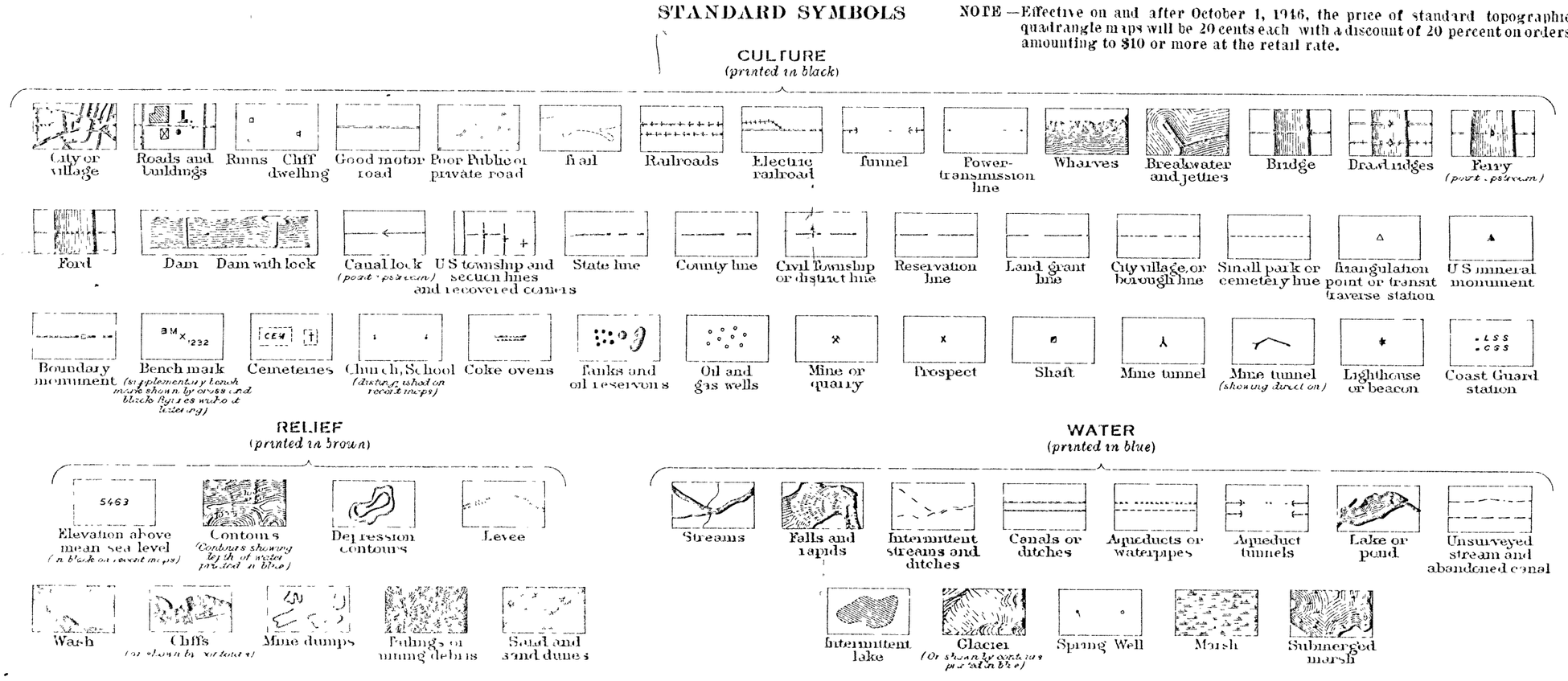
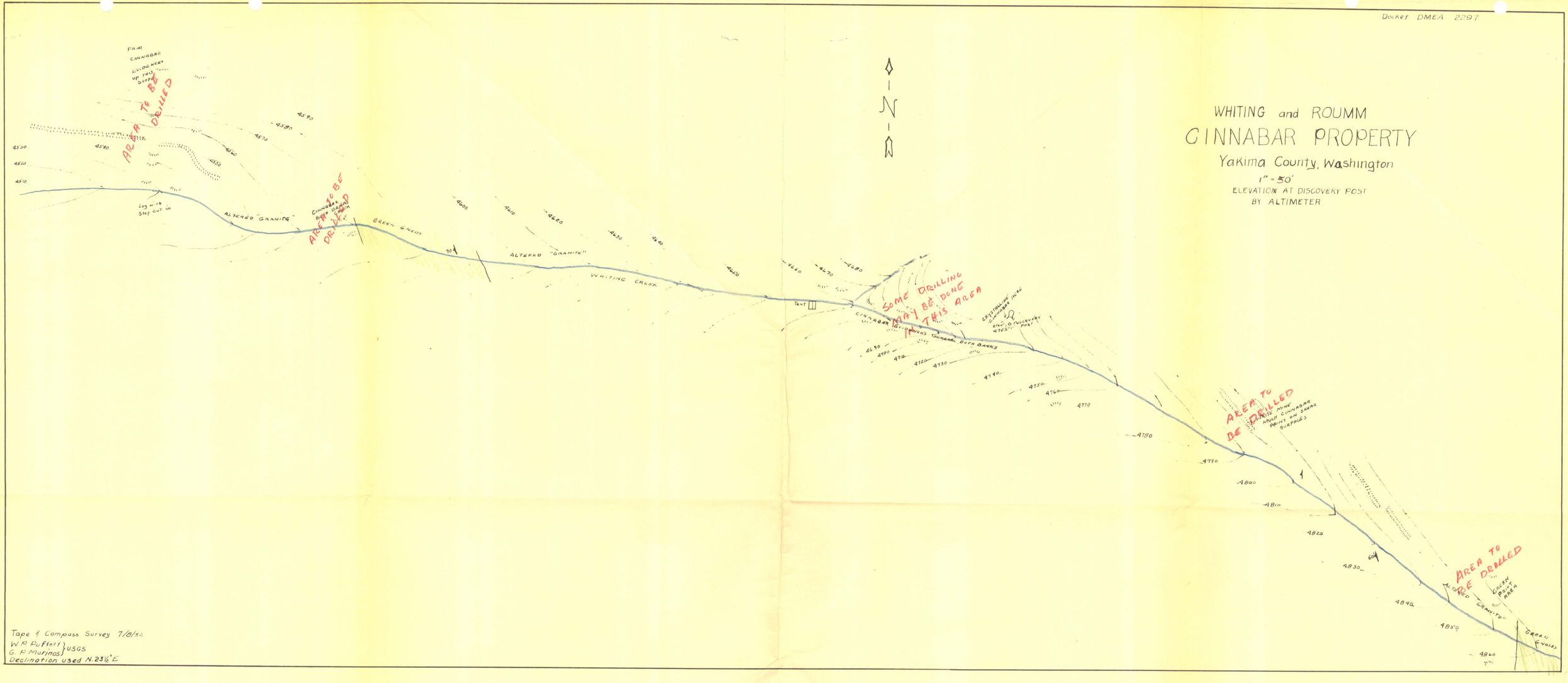


Docket DMEA 2297



Tape & Compass Survey 7/8/52
W.R. Duffett } USGS
G.P. Marinos }
Declination used N. 23½° E

OMA 2217
Roy A. Whiting

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WASHINGTON
MT. AIX QUADRANGLE

R.U. Goode, Geographer in charge.
Topography by A.H. Sylvester.
Triangulation by S.S. Gannett.
Surveyed in 1900-1902.

Edition of Nov. 1904, reprinted 1950

Polyconic projection. To place on North American datum move projection lines 755 feet south and 380 feet east. To join Mt. Rainier National Park use dotted projection corners

MOUNT AIX, WASH.
N4630-W12100/30

METSKER MAP CO.
1020 - 3RD AVE.
SEATTLE 4, WN.

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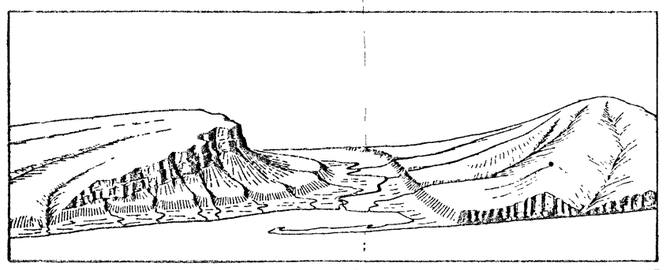

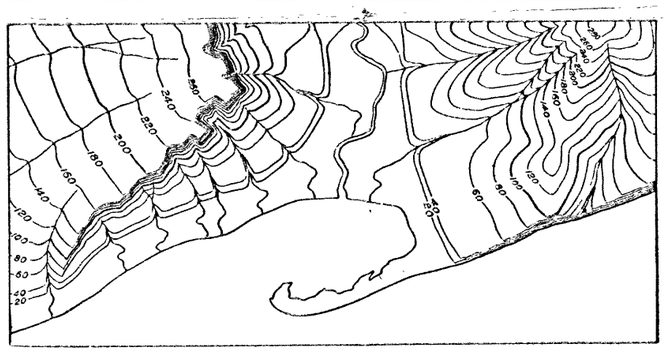

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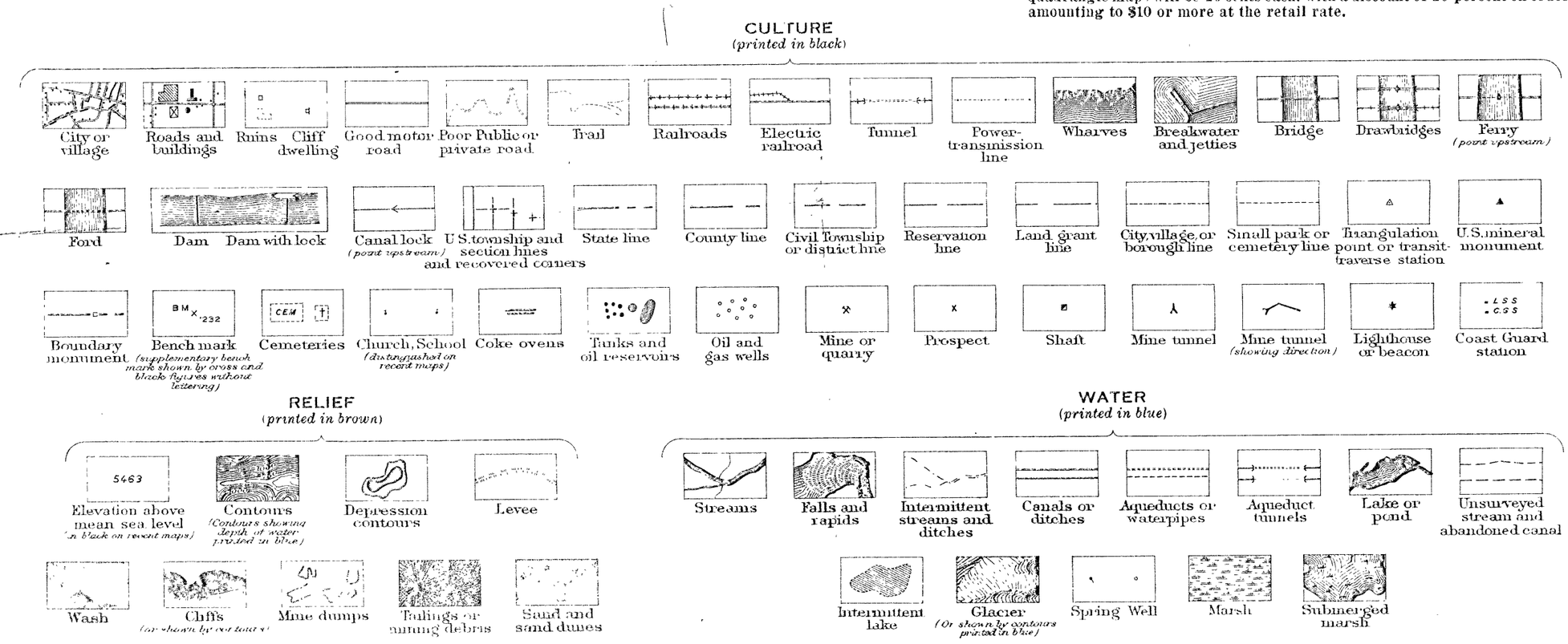

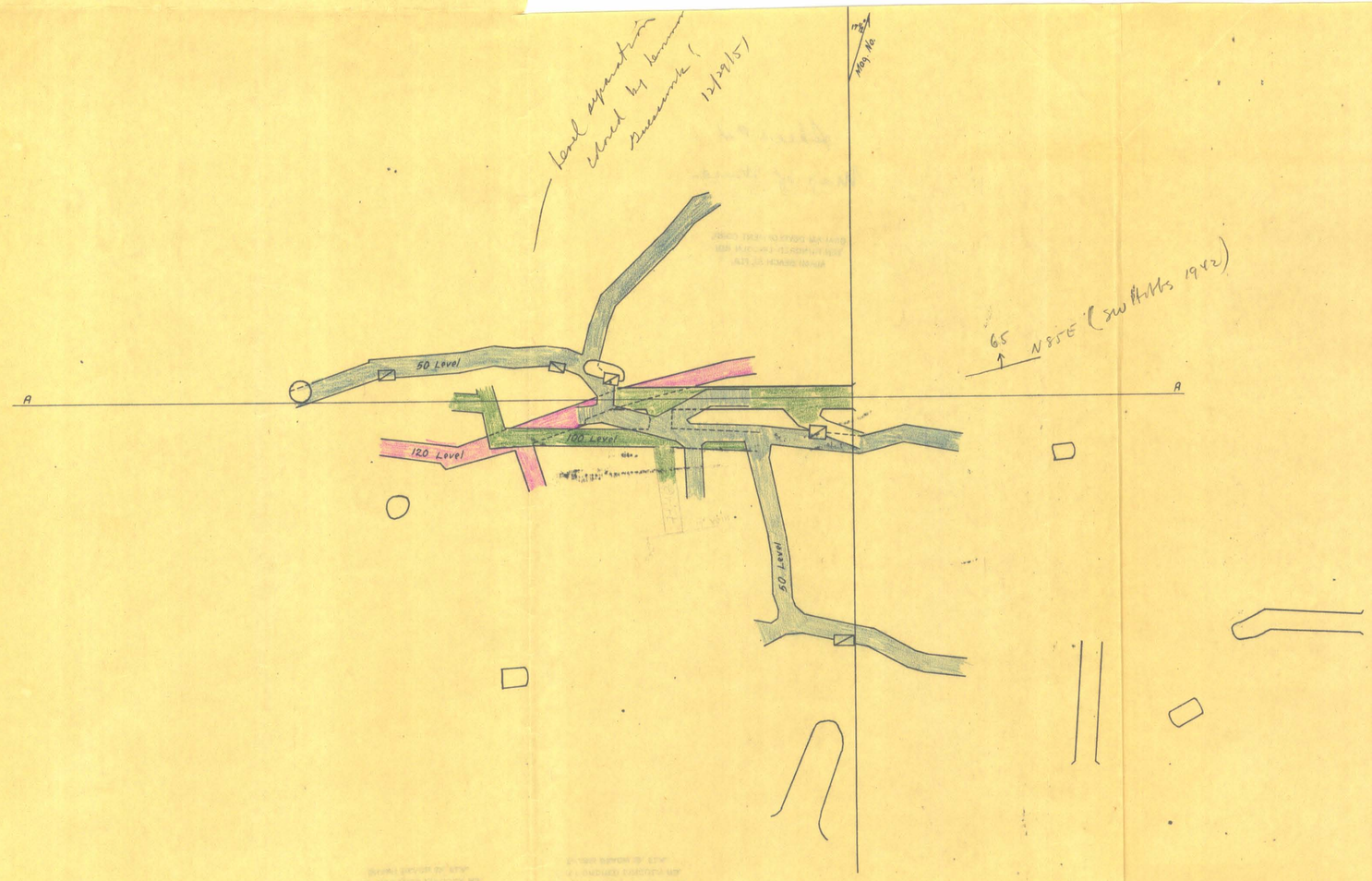

GOLD KING MINE
BLACK HORSE DISTRICT
WHITE PINE COUNTY, NEVADA

COMPOSITE PLAN

Scale 1" = 25' Sept. 15, 1951

B. E. Rees

GRAHAM DEVELOPMENT CORP.
TEN HUNDRED LINCOLN RD.
MIAMI BEACH 39, FLA.

GRAHAM DEVELOPMENT CORP.
TEN HUNDRED LINCOLN RD.
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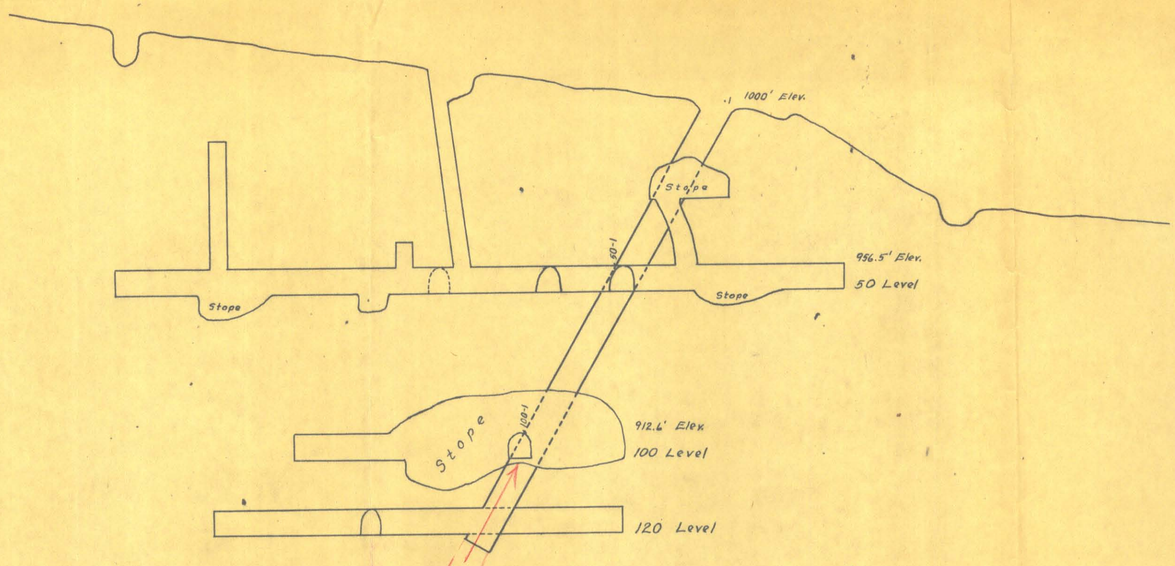
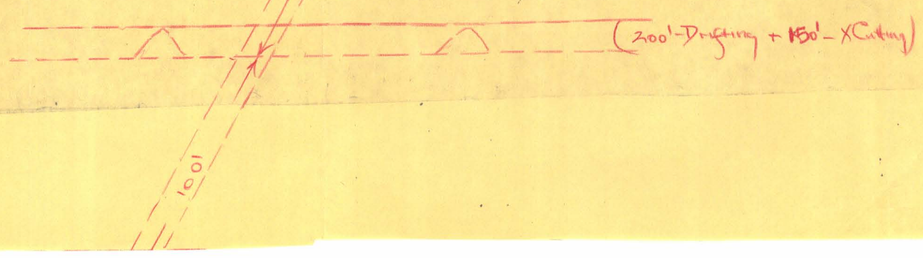


LONGITUDINAL SECTION – A-A – N. 90° W.



— Proposed Development.

DMEA 2299

INLAND MINING CORPORATION

GEOLOGIC MAP OF PORTION OF AMERICAN AND SUGARTREE GROUPS OF MINING CLAIMS, LOCATED IN THE NE.1/4 OF SEC. 35 AND THE NW 1/4 OF SEC 36, R30W. T.3S.

POLK COUNTY

ARKANSAS

SCALE 1" = 100 FEET

100 75 50 25 0 100 200 300 FEET

CONTOUR INTERVAL 20 FEET
ASSUMED DATUM 5000'

TRUE NORTH

APPROXIMATE MEAN DECLINATION, 1951

LEGEND

DEVONIAN
- DAM — MIDDLE NOVACULITE
- DAL — LOWER NOVACULITE

SILURIAN
- SM — MISSOURI MOUNTAIN SLATE

DIPS AND STRIKES
- NORMAL
- FLAT DIP
- VERTICAL
- OVERTURNED
- STEEP DIP

SAMPLE SYMBOLS
- a JACK HAMMER HOLE
- b CHURN DRILL HOLE
- c CHANNEL SAMPLE

- AXIS OF SYNCLINE
- VISIBLE CONTACT
- PROBABLE CONTACT
- PROBABLE TROUGH OF DRAG FOLD
- BULLDOZER TRAIL
- STREAM
- CLAIM LINE
- CLAIM CORNERS 21 22 / 24 25
- OLD DIGGINGS
- Mn SHOWINGS

GEOLOGY BY R.B. McELWAINE
DRAWN BY B. ARCHER
DEC. 1951

Map No. 1951

SEC. 35 SEC. 36

Churn drill No. 5 - No data

Churn drill #6 Abandoned No depth

Churn drill No. 7 0-50' overburden 50'-68' Av 6.46 68'-74' Av 2.15

Churn drill No. 9 2.0 FT 0-10 - 4.63 10-15 - 2.49 15-20 - 2.02

Churn drill No. 8 2.0 FT 60-70 2.70

Churn drill No. 4 2.0 FT 0-10 - 3.40 10-15 - 1.93 15-20 - 5.06 20-25 - 13.19 25-30 - 3.43 30-35 - 4.49 35-40 - 6.53 40-45 - 2.45 Av 5.38 5.90 FE .02 CU .18 MNO

Trenches 100 to 118 4.60 MN 2.44 FE No depth

Trenches 1 to 9 5.10 MN 5.60 FE

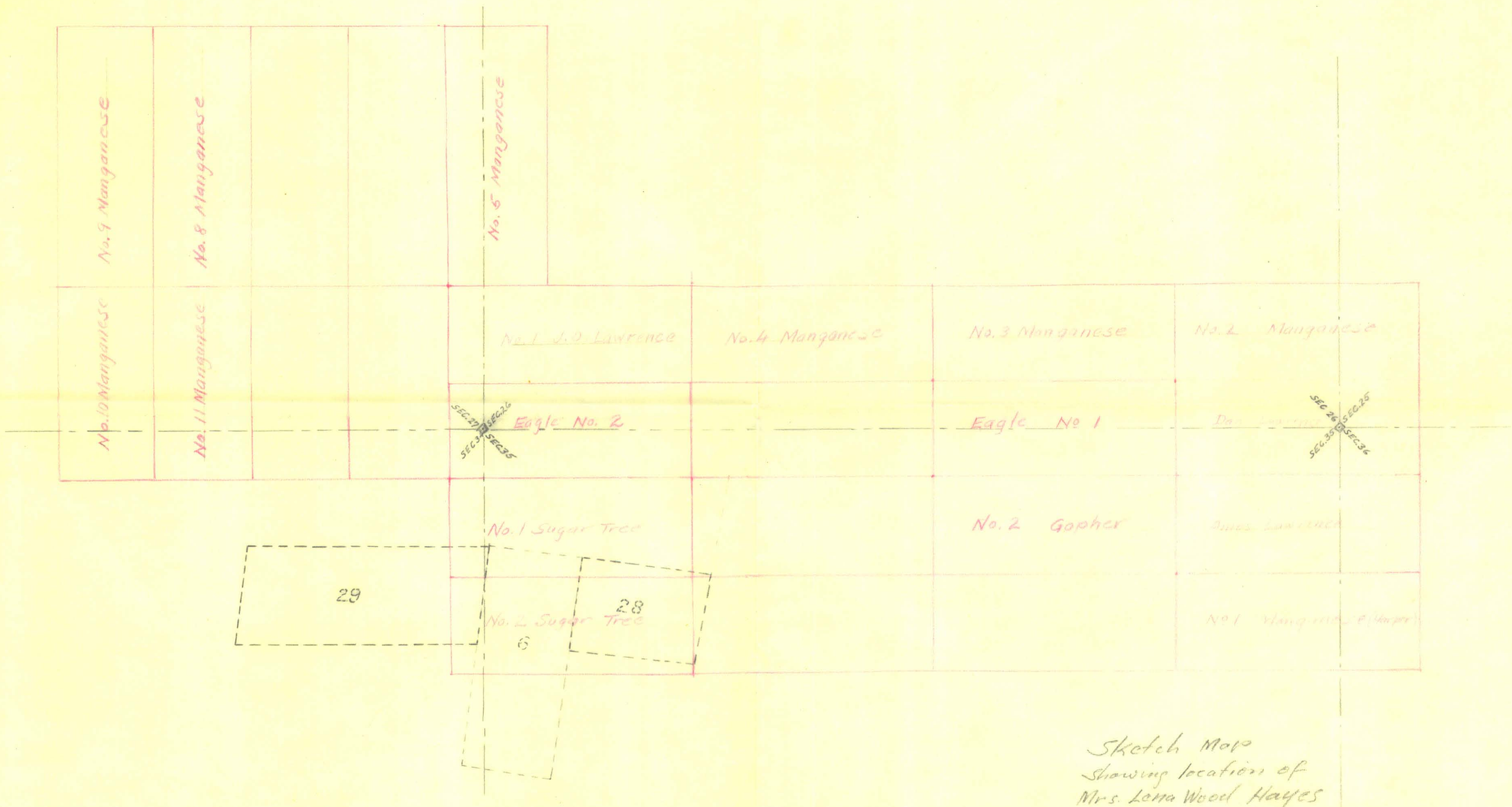
Jackhammer hole No. 10

Jackhammer hole No. 11

Jackhammer hole No. 12

Jackhammer hole No. 13

6214N5



Sketch Map
Showing location of
Mrs. Lena Wood Hayes
Claims, according to
Location Notices
DMEA Docket 2299-Manganese
Polk County, Arizona
Scale 1" = 500'

9.15.55 S.R. Holt