UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
Spokane, Wash., 99201

May 14, 1974

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Royalty Inspection
OME-6141 (Mercury)
Pacific Minerals and Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

I visited the Mother Lode mine on Wednesday, May 8, 1974. It was necessary to walk the last 1½ miles as the road was in part snow-covered and impassable with my automobile. There was no evidence that any vehicles had traversed the road to the mine for at least several months. All the buildings and the mill at the mine appeared to be in good repair, although there was no evidence of any production since my last visit on August 17, 1969. The period during which the Government is entitled to a royalty on production from the Mother Lode mine extends until December 15, 1974. There are no royalties now due to the Government from past production.

Willard P. Puffett

Willard P. Puffett

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/26/73	Weeks	120
		120
		220

AIRMAIL

Mr. Edward P. Miller
President
Miller Construction Co., Inc.
1102 Skyline Drive
Tacoma, Washington 78406

JAN 26 1973

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout
Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. Miller:

The subject contract was dated December 15, 1961, and work was to start by June 1, 1962. Work was to be completed within 14 months from the date of the contract. Royalty obligations extended for 10 years from the date of the contract. Subsequently, the contract was amended eight times at the request of the Operator, extending the time for completion of the work and also the time for royalty obligations. Amendment No. 8, dated September 10, 1964, established the period of royalty obligation at 13 years from the date of the contract, or December 15, 1974.

As shown in the enclosed copy of a letter to Mr. Fred Sepic, Acting President, Pacific Minerals and Chemical Co., Inc., dated January 25, 1966, the royalty obligation amounts to $6,289.52 plus interest at the rate of 6-1/4 percent per annum, and is secured by a lien upon the land and any production therefrom. The royalty rate is 5 percent of the gross proceeds.

I hope this information is adequate to answer your questions.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Enclosure

cc: Director's Reading File
Mineral Resources
OME Docket
OME Reading File
OME Region I w/copy incoming letter

Mr. Weeks
Mr. Kirkemo

RAWeeks/gla 1-26-73

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

IN REPLY REFER TO: Office of Minerals Exploration

December 15, 1972

AIRMAIL

Mr. Edward P. Miller
1102 Skyline Drive
Tacoma, Washington 98406

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 27 1972

INITIALS	CODE
Cue	120
gfa	130
HK	~~120~~
	220

Dear Mr. Miller:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

copy to Region I

Form MME 63
(May 1970)

REQUEST FOR INFORMATION ON CERTIFIED PROJECT
OR PROJECT UNDER ROYALTY AGREEMENT

1. Since December 17, 1971 has there been a change in ownership, lease, or sublease? *If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before.* Yes ☐ No ☒

2. Since December 17, 1971, has there been any production from the land subject to the contract? Yes ☐ No ☒

A. If so and it was shipped, give quantity, value, and name and address of purchaser.

Purchaser *(name and address)*	Quantity	Value
	none	

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity *(tons)*	Estimated Grade	Location
Ore			None
Concentrates			
Other			

3. Since , has any production been transported through workings *(see of contract)*? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value
	none	

Submitted by:

Name	*Title*
Edw. P. Miller	Owner (Contract purchaser)
Address	*Date*
1102 Skyline Drive, Tacoma, Wash. 98406	Dec 19, 1972.

✓ HK

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

IN REPLY REFER TO: Office of Minerals Exploration

December 15, 1971

AIRMAIL

Mr. Edward P. Miller
1102 Skyline Drive
Tacoma, Washington 98406

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. Miller:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

P. S. On February 24, 1970, we sent you a copy of our letter of that date to Mr. Joe M. Price concerning the Government's lien upon the property to secure payment of royalty. Were you furnished the pertinent documents by Mr. Price?

I have no record of having received any documents or information from Mr. Price since our initial transaction several years ago. Inasmuch as the tunnel which we excavated into the mountain did not intersect any veins of ore in the area where they were indicated to be, we gave up and have been trying to sell the claims and equipment, but thus far without success.

Edw P Miller

copy to P-I

Form MME 63
(May 1970)

REQUEST FOR INFORMATION ON CERTIFIED PROJECT OR PROJECT UNDER ROYALTY AGREEMENT

1. Since December 12, 1970, has there been a change in ownership, lease, or sublease? *If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before.* Yes ☐ No ☒

2. Since December 12, 1970, has there been any production from the land subject to the contract? Yes ☐ No ☒

A. If so and it was shipped, give quantity, value, and name and address of purchaser.

Purchaser *(name and address)*	Quantity	Value

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity *(tons)*	Estimated Grade	Location
Ore			
Concentrates			
Other			

3. Since workings *(see* , has any production been transported through *of contract)*? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value

Submitted by:

Name	*Title*
Edw. P. Miller	Owner
Address	*Date*
1102 Skyline Drive, Tacoma, Wash.	December 17, 1971

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

IN REPLY REFER TO: Office of Minerals Exploration

December 7, 1970

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 17 1970
INITIALS | CODE
Zfa / 30
HK / 20
220

Mr. Edward P. Miller
1102 Skyline Drive
Tacoma, Washington 98406

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. Miller:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Form MME 63
(May 1970)

REQUEST FOR INFORMATION ON CERTIFIED PROJECT OR PROJECT UNDER ROYALTY AGREEMENT

1. Since December 1969, has there been a change in ownership, lease, or sublease? *If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before.* Yes ☐ No ☒

2. Since December 1969, has there been any production from the land subject to the contract? Yes ☐ No ☒

A. If so and it was shipped, give quantity, value, and name and address of purchaser.

Purchaser *(name and address)*	Quantity	Value

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity *(tons)*	Estimated Grade	Location
Ore			
Concentrates			
Other			

3. Since December 1969, has any production been transported through workings *(see of contract)*? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value

Submitted by:

Name	*Title*
Edw. P. Miller	Owner
Address 1102 Skyline Drive Tacoma, Wash., 98406	*Date* Dec 12, 1970

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
2/24/70		120
		220

FEB 24 1970

AIRMAIL

Mr. Joe M. Price
Summit View Furniture and
Appliance Company
5308 East 112th Street
Tacoma, Washington 98445

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and
Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. Price:

Thank you for your note, dated February 11, 1970, advising us that ownership of Pacific Minerals & Chemical Co., Inc., has been transferred to Mr. Edward P. Miller. We suggest that you obtain and transmit the pertinent documents to the new owner, advise him of the Government's rights to royalty on production from the property, and of the Government's lien upon the property to secure payment of royalty.

A copy of our letter, dated January 25, 1966, advising the Operator of its royalty obligations is being sent to Mr. Miller, together with a copy of this letter.

Our office in Spokane was moved recently to new quarters, so royalty payments should be mailed or delivered to the Field Officer, OME Region I, U. S. Geological Survey, U. S. Courthouse, Room 656, West 920 Riverside Avenue, Spokane, Washington 99201.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo
Chief, Office of
Minerals Exploration

Copy to: Mr. Edward P. Miller
President
Miller Construction Company, Inc.
1102 Skyline Drive
Tacoma, Washington 98406

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region I w/cy Form 63
Mr. Kirkemo
130

HKirkemo/gla 2-24-70

MME Form 63 sent January 26, 1970
via Certified Mail, RRR, not received.

OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Contract 2132

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Show to whom, date, and address where delivered ☐ Deliver ONLY to addressee

(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO. 500893

CERTIFIED NO.

INSURED NO.

DATE DELIVERED 1-30-70

1 SIGNATURE OR NAME OF ADDRESSEE (*Must always be filled in*) Mr & Mrs Keith Parkenson

2 SIGNATURE OF ADDRESSEE'S AGENT, IF ANY Mrs. Keith Parkenson

3 SHOW WHERE DELIVERED (*only if requested*)

c55—16—71548-10 GPO

IN REPLY REFER TO:
Office of Minerals Exploration

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

December 4, 1969

Mr. Earl Zimmerman and
Mrs. Jessie Zimmerman
815 West Jack Pine
Redmond, Oregon 97756

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. and Mrs. Zimmerman:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This correspondence relates to the Lien and Subordination Agreements, dated August 1961, signed by you.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 22 1969
INITIALS | CODE
gla | 130
HK | 120
| 220

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since January 15, 1968 has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since January 15, 1968, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value

Submitted by:

Name Earl Zimmerman

Address 815 West Jack Pine
Redmond Or.

Title Shad Holder

Date 12/27/69

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/23/69		120
		220

AIRMAIL

DEC 22 1969

Mr. Earl Zimmerman and
Mrs. Jessie Zimmerman
815 West Jack Pine
Redmond, Oregon 97756

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout
Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. and Mrs. Zimmerman:

The original and copy of MME Form 63 which were received from you on December 22, 1969, are being returned because neither copy was signed. Will you please complete both copies with your name, address, and date, and forward to this office at your earliest convenience.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region I
Mr. Kirkemo
130

G LAult/a 12/23/69

IN REPLY REFER TO:
Office of Minerals Exploration

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

December 4, 1969

Mr. Roger Golliard and
Mrs. Marie J. Golliard
P. O. Box 1895
Page, Arizona 86040

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. and Mrs. Golliard:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This correspondence relates to the Lien and Subordination Agreements, dated August 1961, signed by you.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 19 1969
LOCATION CODE
Ga 130
HK 120

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since December 12, 1968, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since December 12, 1968, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value

Submitted by:

Name Roger Lyssard Title Partner

Address P.O. Box 1895 Date Dec 12-1969

Page Arizona

IN REPLY REFER TO:
Office of Minerals Exploration

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

OFFICIAL COPY
O. M. E.
ENTERED
FEB 16 1970

INITIALS	CODE
	130
	120

only 1 cy. came

January 26, 1970

AIRMAIL
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Mr. Joe M. Price
Summit View Furniture and Appliance Company
5308 East 112th Street
Tacoma, Washington 98445

Thermofax copy to R-I

Dear Mr. Price:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Feb. 11, 1970

Dear Mr. Kirkemo:

There has been a change in ownership - - from Pacific Minerals to Mr. Edward P. Miller, 1102 Skyline Dr., Tacoma, Wash.

It will take a little time for me to have copies of the pertinent documents sent to you. The Pacific Minerals records are not in my possession. I resigned as Secretary of the defunct company 12/31/67. However, since Pacific Minerals has ceased to exist it would appear that either I secure and forward the information to you; or that you contact Mr. Miller.

Sincerely,

J. M. Price

J. M. Price

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since May 1967, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since May 1967, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

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

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

/CFS

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Show to whom, date, and address where delivered ☐ Deliver ONLY to addressee

(*Additional charges required for these services*)

RECEIPT

Received the numbered article described below.

REGISTERED NO.
500892

CERTIFIED NO.

INSURED NO.

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

2 SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED
11/30/70

3 SHOW WHERE DELIVERED (*only if requested*)

c55—16—71548-10 GPO

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

POSTMARK OF DELIVERING OFFICE

JAN 1970

INSTRUCTIONS: Show name and address below and complete instructions on other side, where applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article *RETURN RECEIPT REQUESTED.*

RETURN TO

NAME OF SENDER U. S. Geological Survey
Office of Minerals Exploration

STREET AND NO. OR P.O. BOX
Department of Interior Building

POST OFFICE, STATE, AND ZIP CODE
Washington, D. C. 20242

6141-Price

POD Form 3811 Apr. 1967 c55—16—71548-10

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

OFFICIAL BUSINESS

RM 244 (2)

RETURNED TO SENDER

REASON CHECKED
Unclaimed ____ Refused ____
Addressee unknown ____
Insufficient Address ____
No such street ____ number ____
No such office in state ____
Do not remail in this envelope

Mr. and Mrs. Frank O. Reid
P. O. Box 731
Redmond, Oregon 97756

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF THE INTERIO

Moved, Not Forwardable

Fwdng expired

File

20

REDMOND, OR
DEC 8
A M
1969
97756

IN REPLY REFER TO:
Office of Minerals Exploration

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

December 4, 1969

Mr. and Mrs. Frank O. Reid
P. O. Box 731
Redmond, Oregon 97756

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. and Mrs. Reid:

After the completion of the approved exploration work under the contract identified above, we sked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since December 1968, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since December 1968, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____	_____	_____
_____		

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since through workings (see , has any production been transported of contract)? Yes ☐ No ☐

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

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

IN REPLY REFER TO:
Office of Minerals Exploration

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

AIRMAIL

December 4, 1969

Mr. Edward P. Miller
President
Miller Construction Company, Inc.
1102 Skyline Drive
Tacoma, Washington 98406

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 18 1969
gla 1/30
HK 1/20
220

Dear Mr. Miller:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Copy to Region I

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since December 1968, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

   Is the option between you and the Midnight Mining Company, Vancouver, British Columbia, Canada, on the Mother Lode Group, still in effect? If not, please explain. Yes ☐ No ☐

Have no signed agreement, and the money specified has not been paid.

2. Since December 1968, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value

Submitted by:

Name Edw. P. Miller

Address 1102 Skyline Drive
Tacoma, Wash., 98406

Title Contract purchaser-Mother Lode Claims.

Date Dec 6, 1969

IN REPLY REFER TO:
Office of Minerals Exploration

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

December 4, 1968

Mr. Earl Zimmerman and
Mrs. Jessie Zimmerman
Box 571
Redmond, Oregon 97756

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 24 1968

INITIALS	CODE
	~~110~~
	130
	220

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. and Mrs. Zimmerman:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This correspondence relates to the Lien and Subordination Agreements, dated August 1961, signed by you.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

copy to R-I

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since January 15, 1968, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since January 15, 1968, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value

Submitted by:

Name Earl Zimmerman Title Share Holder

Address 816 Great Jack Pine Date 12/19/68

IN REPLY REFER TO:
Office of Minerals Exploration

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

December 4, 1968

Mr. Roger Golliard and
Mrs. Marie J. Golliard
P. O. Box 1895
Page, Arizona 86040

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 16 1968

INITIALS	CODE
	130
	110

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Dear Mr. and Mrs. Golliard:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This correspondence relates to the Lien and Subordination Agreements, dated August 1961, signed by you.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since December 14, 1967, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since December 14, 1967, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

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

Disposition of Material	Quantity	Value

Submitted by:

Name Roger Gaccard Title Partner

Address P.O. Box 1825 Page, Arizona Date 12-12-68

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

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF THE INTERIOR

☐ Moved, left no address
☐ No such address
☐ Moved, not forwardable
☐ Addressee unknown

Not in Directory

RETURNED TO WRITER

Pacific Minerals & Chemical Co., Inc.
1024 Bigelow Street
Olympia, Washington 98501

133899

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

45

OLYMPIA, WA
JAN 16
AM
1968
98501

IN REPLY REFER TO:
Office of Minerals Exploration

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

January 12, 1968

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Pacific Minerals & Chemical Co., Inc.
1024 B igelow Street
Olympia, Washington 98501

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

Gentlemen:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since June 1966, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

   Is the Memorandum of Understanding, dated December 31, 1965, with the Werdenhoff Mining Company still in effect? If not, please explain. Yes ☐ No ☐

2. Since June 1966, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____	_____	_____
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

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

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

IN REPLY REFER TO:
Office of Minerals Exploration

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

January 12, 1968

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Earl Zimmerman and
Mrs. Jessie Zimmerman
Box 571
Redmond, Oregon 97756

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

CITY
O. M. E.
RECEIVED
JAN 17 1968

INITIALS	CODE
gla	130
	~~120 AL~~
FJ	~~140~~
	130
	220

Dear Mr. and Mrs. Zimmerman:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This correspondence relates to the Lien and Subordination Agreements, dated August 1961, signed by you.

Sincerely yours,

Frank E. Johnson
Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to R-I

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since June 1966, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since June 1966, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

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

Disposition of Material	Quantity	Value

Submitted by:

Name Earl R Zimmerman Title

Address 815 West Jack Pine Date 1/15/68
Redwood Cy

IN REPLY REFER TO:
Office of Minerals Exploration

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

December 11, 1967

Mr. Roger Golliard and
Mrs. Marie J. Golliard
P. O. Box 1895
Page, Arizona 86040

Re: OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Group
Crook County, Oregon
Contract 2132

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 18 1967

INITIALS	CODE
gla	130
	~~120~~
	110
	130
	220

Dear Mr. and Mrs. Golliard:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This correspondence relates to the Lien and Subordination Agreements, dated August 1961 signed by you.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to R-I

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since **June 1966**, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since **June 1966**, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

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

Disposition of Material	Quantity	Value

Submitted by:

Name Roger Lovelard Title Partner

Address P.O. Box 1895 Page, Ariz. Date 12-14-1967

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
July 28, 1966

OFFICIAL COPY
O. M. E.
INITIAL CODE
120
110
HK 120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Royalty Inspection
OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout
Mountain Group
Crook County, Oregon
Contract 2132

The subject property was visited June 21, 1966, to determine what, if any, activity had been going on since the last inspection was made June 13, 1965. The bunkhouse windows were open indicating that someone was or had recently been living there. A visit to a building housing two D-retorts and to another housing a Hereshoff furnace showed that both plants had been overhauled recently; near the Hereshoff ore bin, which was empty, an old open pit working had been leveled either for truck-turning or stockpiling use. Still no person could be found.

As I was about to leave the property, Bill Stewart, erstwhile mine foreman at the Oregon King mine and now working for the Operator of the subject property, drove up. Although Stewart had many rumors as to past financial problems of the company, about all the positive information he could give was that he and two other men have been told to put the furnaces in shape to start retorting and to open up a small area from which it was hoped mercury-bearing material may be retorted. National Minerals Corporation was on the property for a while last year, but Stewart is not sure just what work they may have done, nor is he sure whether they or Pacific Minerals & Chemical Co., Inc., is the present Operator. He is sure, however, that no mercury has been sold or retorted since the furnaces were put in operating condition. At present he is waiting instructions to start production.

D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
CPF

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
June 17, 1965

OFFICIAL COPY
RECEIVED
21 1965
CODE
100
110
120
120

Memorandum

To: Chief, Division of Exploration Operations

From: Acting Field Officer, Region I

Subject: Interim Inspection Report
OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Groups
Crook County, Oregon
Contract 2132

Under the terms of Amendment No. 8 the subject project was recessed beginning October 15, 1963, and work was to have been resumed on or before June 1, 1965. This amendment was prepared at the telephoned request of Fred Sepic, Acting President at that time, in order to prepare a request for changes in the work provided in the contract and Amendment No. 5. No such request has been received nor has any of the trenching provided in Amendment No. 5 been started.

The property was visited June 13, 1965. Dick Tooley, Foreman, was present and said he had arrived that day shortly before the examiner. He confirmed that no contract* had been started. He had received instructions from Sepic to clean out the old trenches for inspection by principals he could not name but with whom he believed the company was hoping to come to some sort of an investment or operating agreement. Tooley had last visited the property in April 1965, at which time there was too much snow to permit any work.

By the date of the inspection, there was no evidence of snow in the working area and the ground was dry and hard. There was nothing to suggest that contract work could not have been started by June 1.

Tooley has received no instructions relative to resuming the contract work. It can only be concluded that the company is more interested in attracting capital or some other form of outside assistance than in resuming contract work. It is therefore recommended that the Operator be advised that the contract has been terminated and that the pseudo-certification included in Amendment No. 8 is in effect.

*work

D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
MacLaren

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
September 4, 1964

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 8 1964
DATE | INITIALS | CODE
9/9 | | 100
9/8 | | 120
9/9 | on bac | 120
120

Memorandum

To: Chief, Division of Exploration Operations

From: Acting Field Officer, Region I

Subject: Interim Inspection Report
OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar, and Lookout Mountain Groups
Crook County, Oregon
Contract 2132

Although this project is in recess, I passed within 5 miles of the property en route from Grangeville, Idaho, to Prineville, Oregon, on August 5, 1964, and accompanied by Miguel de la Cruz visited the mine.

The bunkhouse was locked and no one was in evidence nor were there any sounds of nearby activity. There was a car with Missouri license plates parked and locked near the bunkhouse, but as Juan Munoz, geologist-supervisor for the company, lives in Portland, it was doubtful that the car was his. After calling several times and receiving no answer, we left the property.

Upon receipt of Mr. Murphy's memorandum of August 26, 1964, I talked to Fred Sepic, vice-president of the company, by telephone. Munoz has been doing considerable prospecting and geologic work on the property during the summer and believes he has located a very promising area heretofore not found and wishes to make a few changes in the proposed amendment now being processed. As it will be too late in the season to do much work by the time the new proposal can be presented and processed, Sepic requested that the recess be extended to June 1, 1965. This was discussed with Murphy August 31.

D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
MacLaren

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
October 23, 1963

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 25 1963

DATE		CODE
10-25		100
10/28		110
		120
10/29		800
10/29	Murphy	500

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Interim inspection report
OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar and Lookout
Mountain Groups
Crook County, Oregon
Contract 2132

The property was visited October 12, 1963, and about an hour was spent discussing the project with Juan Munoz, Engineer-Geologist-Supervisor. The last inspection was made August 18, 1963.

Since the last inspection DDH's No. 4, 5, and 6 have been completed; a copy of the logs is enclosed*. A Work Authorization dated September 24, 1963, advised the Operator that Hole 1 will now be approved, that Holes 4, 6, and 7 could be drilled, and that Holes 5 and 8 would not be approved unless a pending contract amendment providing for trenching is approved and the trenching justified them.

The driller was getting the last of his equipment together preparatory to leaving the property October 13. He has not been paid for the drilling he has done since July 1. Munoz also advised me that he has not been paid since August 15 and that the claim owners have not been paid for the last 5 months. He asked if OME could pay him and the driller directly their portion of any funds due the Operator. I told him that, as the driller was an independent contractor and the drilling was on an actual cost basis, it might be possible to pay him directly, but I was not sure whether the request had to come from the Operator or could come from the independent contractor. I suggested that if the driller would submit a request giving the circumstances and the amounts involved, I would forward it to your office for consideration. As for Munoz, I told him I did not think that he could be paid directly by OME.

As far as Munoz knows, the claim owners have not yet made any move toward lease cancellation, but the driller and possibly Munoz may start Labor Lien proceedings.

*Logs were to be furnished by Munoz but have not yet been received.

Since this information came from an "unhappy" employee, although I do not doubt its accuracy, I believe that for the present, with nothing more to go on, it is best not to mention the situation to Ellingsen. However, I have written him regarding the necessity of a recess, since the drilling has stopped and even though the pending amendment has been approved, it is late in the year to accomplish much trenching.

D. R. MacLaren

D. R. MacLaren

~~Enclosure~~
Distribution:
OME(Orig.&2)
Docket
MacLaren

MME FORM 60
SEPT. 1959

RECEIVED
MAR 23 1964
SPOKANE, WASHINGTON

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

4/20 ~~Murphy~~

Docket No.
Contract No.
14-23-090-
Contract Amount $
Gov't. Participation % $
Mineral(s)

OPERATOR'S MONTHLY VOUCHER

For ~~Month of~~ Period June 1963 to Oct. 15, 1963

Operator's Name Pacific Minerals & Chemical Co., Inc.
Address 1301 South Kay St., Tacoma, Washington

COST CATEGORIES	FOR OPERATOR'S USE: MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	FOR GOVERNMENT APPROVAL ONLY: MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing	162.50	231.25	393.75			
~~Drilling~~ Mobilization	0.00	250.00	250.00			
Phase 1 & 2	0.00	1000.00	1000.00			
~~Crosscutting~~ Churn Drilling	4940.00	4062.50	9002.50			
~~Drilling~~ Incidental @ 1.67	1269.20	1043.75	2312.95			
(2) Personal Services:						
Supervision & Technical						
Outside Consultants						
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Sample sacks	7.75	12.90	20.65	14.10		
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment				168.5		
Analytical Work	27.00	144.25	171.25			
Payroll Taxes						
Employee's Liability Ins.						
TOTALS	6406.45	6744.65	13,151.10	6,234.40	6,744.65	12,979.05

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

Date March 21, 1964* Payee Pacific Minerals & Chemical Co. Inc.

Per Fred Lopez Title Vice President

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

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

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

$ 3,117.20

Signature BHB
(Authorized Certifying Officer)

Date 3/27/64 Vou. No. 1287-1
(SEE OTHER SIDE)

Certification by Government Representative

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2132

Signature D R Yeoberen Title Acting Field Officer, Reg. I Date MAR 23 1964

Approved by OME Executive Officer or Alternate:

Signature D R Yeoberen Title Acting Field Officer, Reg. I Date MAR 23 1964

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

RECEIVED MAR 26 1964 OFFICE OF THE SECRETARY FISCAL SECTION

RECEIVED

MME FORM 61
SEPT. 1959

MAR 23 1964

OME
SPOKANE, WASHINGTON

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT

For ~~Month of~~ Period June '63 to 10/15/63 Docket No. _____

Operator's Name Pacific Minerals & Chemical Co., Inc. Contract No. 14-23-090- OME 6141 contract 2132

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
~~Drifting~~ Mobilization	1	0	½ job	250.00	—	½ job	250.00
~~Crosscutting~~ Phase 1&2	1	0	1	1000.00	—	1 unit	1,000.00
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn	6000	760	1385	9,002.50	760	1385	9,002.50
Percussion							
Miscellaneous							
Incidental allow.	6000	760	1385	2,312.95	760	1385	2,312.95
Roads and Trails							
Stripping							
Trenching							
Test Pitting							
Bulldozing	356	13	31½	393.75	— [1]	18.5 hrs	231.25
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases	Sample sacks			20.65			14.10 [2]
Analytical Work				171.25			168.25 [3]
							[4]
TOTAL TO DATE (per MME Form 60)				13,151.10			12,979.05

REMARKS

(Continue on back)

REMARKS

[1] Avg. Narrative Report states dozing done with D-9; contract provides for either D-7 or D-8; may be reinstated later

[2] 86 sacks June-Dec 1962 - 8 sacks for 8 samples this period
94 sacks @ $0.15 = $14.10

(Continue on back) (over)

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

Date March 21, 1964 Operator Pacific Minerals & Chemical Co., Inc.

Per [signature] Title Vice President

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature [signature]

Title Acting Field Officer, Reg. I
Government Representative

Date MAR 23 1964

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

13 of 10 samples listed in assay certificate, 290-310 ft. exceeds 15-foot sample limit outside ore zone and is disallowed. 315-317½ and 317½-320 each less than 5-foot specified for samples in ore but combined they represent 5 feet ∴ 1 assay only allowed for these 2 – 1 had accepted = 8 assays @ $3.00

14
Do not release $200.00 withheld from last voucher – work has not yet been resumed

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

Chemical Analysis
Assaying · Testing
Sampling · Weighing
Checking
Inspecting
Cement · Concrete
Aggregates

LEWIS E. JEKLIN

CHEMIST :·: ASSAYER :·: TESTING

517-518 Security Building · MA 7-5772

TACOMA ASSAY OFFICE

TACOMA 2, WASHINGTON

Gold
Silver
Platinum
Mercury · Amalgan
Buyer · Refining

(2)

Assay Certificate

For:— Pacific Minerals & Chemical Co.
1024 Biglow
Olympia , Wn.

DATE July 3,1963

REPORT NO. 19,786-x

Report on: Samples for Mercury

Based on Sample TAKEN : July 1,1963 Drillings .

Marked : Hole # 3

110-115	-	MERCURY - - - - -	0.385	%
		lbs per ton - - -	7.7	lb.
115-120	-	MERCURY - - - - -	0.10	%
		lbs. per ton - - -	2.0	lb.
120-125	-	MERCURY - - - - -	0.125	%
		lbs.per ton - - - -	2.5	lb.
125-130	-	MERCURY - - - - -	0.065	%
		lbs.per ton - - -	1.3	lb.

GOLD	AT $	PER OZ.
SILVER	AT $	PER OZ.
COPPER	AT $	PER LB.
LEAD	AT $	PER LB.
ZINC	AT $	PER LB.

Signed: [redacted]

Chemical Analysis
Assaying · Testing
Sampling · Weighing
Checking
Inspecting
Cement · Concrete
Aggregates

LEWIS E. JEKLIN

CHEMIST ·:· ASSAYER ·:· TESTING

517-518 Security Building · MA 7-5772

TACOMA ASSAY OFFICE

TACOMA 2, WASHINGTON

Gold
Silver
Platinum
Mercury · Amalgan
Buyer · Refining

Assay Certificate

For:—

Pacific Minerals & Chemical Co.
1024 Biglow
Olympia, Wn.

DATE July 12, 1963

REPORT NO. 19,795-x

Report on:

Core Drillings Hole # 3

Based on Sample TAKEN July 8, 1963

Marked -	260-265 ft.	--	MERCURY	.6	lb. ton
				0.03	%
	290-310 ft.	--	MERCURY	.8	lb. ton
				0.04	%
	310-315 ft.	--	MERCURY	2.6	lb ton
				0.13	%
	315-317½ ft.	--	MERCURY	9.2	lb. ton
				0.46	%
			Gold & Silver	--	TRACE Only
	317½-320 ft.	--	MERCURY	1.5	lb. ton
				0.075	%
			Gold & Silver	--	TRACE ONLY
	320- 325 ft.	--	MERCURY	0.4	lb ton
				0.02	%

GOLD	AT $	PER OZ.
SILVER	AT $	PER OZ.
COPPER	AT $	PER LB.
LEAD	AT $	PER LB.
ZINC	AT $	PER LB.

Signed: Lewis E. Jeklin

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

REDMOND, OR
JAN. 15
PM
1968
97756

POSTMARK OF DELIVERING OFFICE

INSTRUCTIONS: Show name and address below and complete instructions on other side, where applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article *RETURN RECEIPT REQUESTED.*

RETURN TO

NAME OF SENDER U. S. Geological Survey
Office of Minerals Exploration

STREET AND NO. OR P.O. BOX
Department of the Interior Building

POST OFFICE, STATE, AND ZIP CODE
Washington, D. C. 20242

POD Form 3811 June 1966 c55—16—71548-9

6141

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Show to whom and date delivered ☐ Show to whom, date, and address where delivered ☐ Deliver ONLY to addressee

(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO.

CERTIFIED NO. 133031

INSURED NO.

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

1 Earl Zimmerman

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

2

DATE DELIVERED

JAN 15 1968

SHOW WHERE DELIVERED (*only if requested*)

o55—16—71548-9 GPO

Chemical Analysis
Assaying - Testing
Sampling - Weighing
Checking
Inspecting
Cement - Concrete
Aggregates

LEWIS E. JEKLIN

CHEMIST -:- ASSAYER -:- TESTING

517-518 Security Buliding - MA. 5772

TACOMA ASSAY OFFICE

TACOMA 2, WASHINGTON

Gold
Silver
Platinum
Mercury - Amalgan
Buyer - Refining

Pacific Minerals & Chemical Co.
Olympia , Wn.

July ~~Aug~~.13,1963

Report for assays # 19,786 - 7/3/63 - - $ 20.00
19,795- 7/12/63 37.00

$ 57.00

LEWIS E. JEKLIN
TACOMA ASSAY OFFICE
Chemists, Assayers, Testing, Samplers
518 Security Bldg. Tacoma 2, Wash.

Hansen Drilling

6711 N. E. 58th Avenue
VANCOUVER, WASHINGTON
Telephone OXford 4-6242

Date July 8, 1963

NAME Pacific Minerals & Chemicals, Inc.

ADDRESS 1024 N. Bigelow Street

Olympia, Washington

Well # 3 completed at 330 Feet
with 110 feet drilling paid Jan. 8, 1963

220 feet drilling at $6.50.....$ 1430.00

Aug. 2, 1963
Paid by check #234
Hansen Drilling Co., Inc.
Joe Hansen

Hansen Drilling

6711 N. E. 58th Avenue
VANCOUVER, WASHINGTON
Telephone OXford 4-6242

Date August 5, 1963

NAME Pacific Minerals & Chemicals Inc.

ADDRESS 1024 Bigelow St.

Olympia, Washington

Hole # 4	210 foot of drilling @ $6.50	$ 1365.00
Hole # 5	85 foot of drilling @ $6.50	552.50
		$ 1722.50

Hansen Drilling

6711 N. E. 58th Avenue
VANCOUVER, WASHINGTON
Telephone OXford 4-6242

Date August 30, 1963

NAME Pacific Minerals & Chemicals Inc.

ADDRESS 1024 Bigelow St.

Olympia, Washington

Balance due for July drilling
265 feet @ $6.50 ..... $ 1722.50

August drilling
Hole # 5..200 feet @ $6.50 ..... 1300.00
Hole # 6..105 Feet @ $6.50 ..... 682.50

July and August total $ 3705.00

Hansen Drilling

6711 N. E. 58th Avenue
VANCOUVER, WASHINGTON
Telephone OXford 4-6242

Date October 30, 1963

NAME Pacific Machinery & Chemicals Inc.

ADDRESS 1020 Bigelow Dr.

Olympia, Washington

Work completed in September 1963

Hole # 6....100 foot of drilling @ 6.50.....$ 650.00

March 4, 1964

This is to certify, that as determined from the records of Juan Munoz, geologist at the mother lode property - OME contract #2132, Crook County, Oregon, 13 hours of bulldozing was done at hole #4 and hold #6.

Fred Sepic

FRED SEPIC, Vice President
PACIFIC MINERALS & CHEMICAL CO.

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MAR 26 1964

OFFICE OF THE SECRETARY
FISCAL SECTION

March 4, 1964

This is to certify, that as determined from the records of Juan Munox, geologist at the mother lode property - OME contract #2132, Crook County, Oregon, 55 sacks were used for sampling and analytical work.

Fred Sepic

FRED SEPIC, Vice President
PACIFIC MINERALS & CHEMICAL CO.

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MAR 9 - 1964
SPOKANE, WASHINGTON

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OFFICE OF THE SECRETARY
FISCAL SECTION

July 4, 1963

OPERATOR'S NARRATIVE REPORT, JUNE 1963
OME CONTRACT No. 2132

MOTHER LODE PROPERTY
CROOK COUNTY, OREGON.

During the month of June the first part of the month was spent rehabilitating the camp after the winter shutdown and preparing for the summer work.

Manson Drilling Company arrived on the 12th of June, re-opening their camp and cleaning the hole in which they had been drilling (No. 3) to the previously reached depth of 110 feet. The drillers left on the 15th for additional supplies, returning the 17th to commence drilling.

Drilling continued in hole No. 3 from the 17th through the 21st of June and from the 24th through the 1st of July when hole No. 3 was completed to a depth of 330 feet.

The mineralized zone encountered in Hole No. 3 last year from a depth of 85 feet to 110 feet, continued to a depth of 130 feet. No further mineralization was encountered until a depth of 260 feet when the hanging wall of the Footwall Vein was pierced. Poor mineralization of cinnabar to purely pyritic mineralization continued to a depth of 313 feet where good cinnabar mineralization was encountered and persisted to a depth of 325 feet.

Excluding the last day of drilling on Hole No. 3 July 1st, Hole No. 3 had been advanced to a depth of 310 feet by the 30th of June. Having been resumed at a depth of 110 feet, an advance of 200 feet was made during a total of twelve drilling days. During that period the undersigned was engaged in supervision of this work and the 4 x 4 truck was used daily in this work.

A log of the drilling done on Hole No. 3 is enclosed as well as geologic notes on the property and the proposals for future work.

Sincerely,
Juan Munoz
Juan Munoz
Pacific Minerals & Chemical Co.

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MAR 9 1964
OME
SPOKANE, WASHINGTON

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MAR 26 1964
OFFICE OF THE SECRETARY
FISCAL SECTION

July 4, 1963

Mother Lode Property
OME contract 2132
Crook County, Oregon.

Hole No. 3
Sheet No. 3
(Con't from Dec. 1962)

Footage	Description
110-160	Gray, even granular matrix of quartz and plagioclase feldspar with less than 10% feldspar phenocrysts, up to 1/8" long. About 10% green femg mineral, probably secondary epidote. Rock is altered to clay minerals throughout, at times with seams of clay or gouge. 2 foot seam of clayey gouge at 118 to 120 cut off ground water in hole after casing was advanced. 2% to 10% pyrite grains throughout, with cinnabar colors showing from 110 to 130 feet. Rock would probably be classed as Felsite.
160-165	Transitional from Felsite to a darker rock, classed as dolorite. Larger cuttings show both rock types together. 2% to 5% pyrite, no cinnabar.
165-330	Gray-green, fine but even granular rock with abundance of Felg minerals, minor quartz. Classed as dolorite as is more granular than basalt. 2% to 5% pyrite. Minor cinnabar colors from 260 to 265 Scarce cinnabar colors from 265 to 310. Very good cinnabar colors from 310 to 325. Nil cinnabar colors from 325 to 330. Sent for assays: 5 foot sections from 110 to 130 feet. 5 foot sections from 260 to 265 feet. 5 foot sections from 310 to 315 feet. 2 1/2 foot sections from 315 to 320 feet. 5 foot section from 320 to 325 feet.

Juan Munoz
Juan Munoz
Pacific Minerals & Chemical Co

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OME

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OFFICE OF THE SECRETARY
FISCAL SECTION

MOTHER LODE PROPERTY

OPERATOR'S NARRATIVE

Aug. 1963

During the month of August 1963, 200 Ft. of Churn Drilling was completed on Hole No. 5. This hole was stopped at a depth of 255 ft.

Drill site No. 6 was cut with the Company's D-9 bulldozer, including 75 Ft. of access road. Time required for this work totaled 12 hours.

Hole No. 6 was started and drilled to a depth of 105 Ft. 8" casing was advanced to this point when cinnabar mineralization was encountered.

Sincerely,

Juan Munoz
Pacific Minerals & Chemical Co.

Date_____

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OFFICE OF THE SECRETARY
FISCAL SECTION

Mother Lode Property

CHURN DRILL HOLE LOG

July 1963

Hole No. 5

0-15 Ft. Overburden

15-60 Ft. Light gray, fine grained highly altered and very soft andesite. Rare plagioclase phenocrysts. Considerable slickensiding and many gouge seams. Pyrite content is variable from 5% to 10% of rock. Pyrite impregnations are along seams, veinlets and fracture surfaces, in the numerous calcite seams and disseminated in the rock. 25 - 30 Ft. and 45 - 50 Ft. showed 3 or 4 cinnabar colors in the pan. Not sent for assay.

60-75 Ft. Similar to 15 - 60 Ft but darker gray with occasional seams of nearly white rock that could be feslite or a differential alteration of the andesite.

Aug. 1963

75-85 Ft. Dark green, fine grained, hard, very slightly altered basalt with many fractures and calcite seams.

85-110 Ft. Intermittent bands of badly sheared, hard, dark green basalt as in 75-85, clayey fault gouge with breccia fragments of basalt, and medium gray highly altered basalt or andesite similar to 60-75. ∓2% pyrite.

110-255 Ft. Medium gray, medium to fine grained basalt or andesite, highly altered to clayey minerals with 2 to 5% pyrite. Rock varied from soft to very soft, but could always be scratched with the fingernail. Occasional seams of felsite were encountered which were less altered and harder.

Logged By:

Juan Muñoz

Juan Muñoz
Pacific Minerals & Chemical Co.

Date:

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MAR 9 1964
O M E
SPOKANE, WASHINGTON

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MAR 26 1964

OFFICE OF THE SECRETARY
FISCAL SECTION

MOTHER LODE PROPERTY

OPERATOR'S NARRATIVE

Sept. 1963

During the month of September 1963, only 100 Ft. of Churn Drilling was completed. This was largely due to a great deal of difficulty encountered in driving the 8" pipe through the mineralized zone: 165 Ft. to 195 Ft. There was also a breakdown of the drilling equipment, which lost 5 days of working time.

By September 30th, Hole No. 6 had been advanced to a depth of 205 Ft.

Sincerely,

Juan Munoz

Juan Munoz
Pacific Minerals & Chemical Co.

Date_____

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MAR 9 1964
OME
SPOKANE, WASHINGTON

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MAR 26 1964
OFFICE OF THE SECRETARY
FISCAL SECTION

Mother Lode Property

OPERATOR'S NARRATIVE

Oct. 1963

Only ten days of the month of October were needed to complete Hole No. 6 to a depth of 330 Ft, for a total of 125 Ft for the month.

On October 10, 1963, drilling ceased under the OME program for the year.

Sincerely,

Juan Munoz
PACIFIC MINERALS & CHEMICAL CO.

Date_____

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MAR 9 1964
OML
SPOKANE, WASHINGTON

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MAR 26 1984
OFFICE OF THE SECRETARY
FISCAL SECTION

Mother Lode Property

CHURN DRILL HOLE LOG

HOLE No. 6

NB: Drill pad cut to bedrock of weathered, fractured andesite. Three fractures with minor cinnabar "paint" noted in bank approximately 10 Ft. NE of hole collar.

0-25 Ft. Yellow-brown, medium grained rock, probably andesite, highly altered and oxidized. Rare pyrite.

25-80 Ft. Light gray, medium grained andesite, occasional plagioclase phenocrysts, minor calcite and agatized quartz seams. 2-3% pyrite.

80-120 Similar to, but darker gray than 25-80 Ft. Fewer phenocrysts. Fair to good cinnabar colors noted from 105 Ft. to 110 Ft.

120-155 Ft. Similar to 80-120 Ft. but with bands of unaltered dark green, fine grained basalt, probably dikes.

155-240 Ft. Dark gray, fine grained andesite with much alteration to clayey minerals; typical "zone" material with ≈3% pyrite. Cinnabar colors in varying amounts from 165-195 Ft.

240-270 Ft. Varying light and dark gray, fine grained andesite with some alteration to clayey minerals, calcite and quartz seams, with nil to 3% pyrite. No Hg S.

270-330 Ft. Dark green, medium grained dolerite or basalt, apparent unaltered, pyrite content variable from nil to 2%. Rare magnetite. No cinnabar.

END OF HOLE.

Logged by:

Juan Munoz

Juan Munoz
Pacific Minerals & Chemical Inc.

Date:

RECEIVED
MAR 9 1984
OME
SEATTLE, WASHINGTON

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MAR 26 1984
OFFICE OF THE SECRETARY
FISCAL SECTION

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of the Secretary
Accounting Unit
Washington

ADMINISTRATIVE SUSPENSION STATEMENT March 27, 1964

Name and Address of Payee: Pacific Minerals & Chemicals Co., Inc.
1301 South Ray Street
Tacoma, Washington

Amount Claimed:	Differences (Explained Below)	Amount Approved
$6,406.45	$172.05	$6,234.40 (Gov't. Share $3,117.20)
Bu. Voucher No.	**Payee's Invoice No.**	**Period**
1287-1	OME Cont. #2132	June 1963 - 10/15/63

EXPLANATION

1. Amount claimed for bulldozing ..... $ 162.50
Not allowed as narrative states work done with D-9.
Whereas contract provides for either D-7 or D-8.

2. Sample sacks claimed $7.75
Sample sacks allowable 1.20
Amount disallowed 6.55

3. Of the 10 samples listed in assay certificates, (a) 290-310 Ft. exceeds 15 foot sample limit outside ore zone. (b) 315-317½ and 317½-320 each less than 5 foot specified for samples in ore but combined they represent 5 feet; One assay only allowed rather than two as claimed 3.00
Total disallowed ..... $ 172.05

Any reclaim for items deducted must be supported by the original of this statement and submitted to the ~~office shown above.~~
Acting Field Officer
OME - Region I
Spokane, Washington

Suspension made by:

OPAL A. SHELTON
Signature

Opal A. Shelton
Chief, Accounting Unit
Title

74165

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAR 30 1964

DATE	INITIALS	CODE

OPERATOR'S NARRATIVE
MOTHER LODE PROPERTY

July 1963

During the month of July, 20 days of actual drilling time were completed, with a total of three additional days spent moving the drill. This time was apportioned as follows:

July 1st: Last 20 feet of Hole No. 3.
July 2 & 3: Pulling pipe and moving from Hole 3 to Hole 4.
July 8, 9,10,11,12,15,16,17,18,19,22,23,24,25,26: Drilling Hole 4.
July 27: Moving from Hole 4 to Hole 5.
July 28,29,30 & 31: Drilling Hole No. 5 (To a depth of 75 Ft.)

The only samples sent for assay were from Hole No. 3, as mentioned in the June report.

The total drilling footage for the month, including the last 20 feet of Hole No. 3 as reported in June was:

Hole No. 3: 20 feet
Hole No. 4: 210 feet
Hole No. 5: 75 feet

For a total footage of 305 feet.

The Drill Logs for Hole 4 and the first 75 feet of Hole 5 are enclosed; the log of the last 20 feet of Hole No. 3 which was reported in June is not repeated.

Sincerely,

Juan Munoz

Juan Munoz
Pacific Minerals & Chemical Co.

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OMB
SPOKANE, WASHINGTON

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MAR 26 1964

OFFICE OF THE SECRETARY
FISCAL SECTION

Mother Lode Property

Churn Drill Hole Log
Hole No. 4

0 to 20 feet	Highly weathered , altered and oxidized andesite.
20 to 63 feet	Dense, fine grained black rock comprised largely of hornblende and other femg minerals, grains too small to identify megascopically. Occasional hornblende phenocrysts with about 5% pyrite. Classed as a lamprophyre; probably a dike.
63 to 100 ft.	Medium gray, fine grained groundmass with distinctive hornblende phenocrysts, 1 to 3 mm x 1 mm in size, comprising 10 to 20% of the rock mass. Classed as hornblende basalt porphyry. Minor pyrite, minor alteration to clayey minerals, but with numerous clayey gouge seams.
100 to 125 ft.	Medium gray, fine grained groundmass, very similar to above (63-100 ft.) except hornblende phenocrysts were absent. Instead, rock carried about 20% plagioclase phenocrysts about 1 x 3 mm in size. Classed as basalt porphyry. Minor pyrite; clay alteration and gouge seams similar to 63 to 100 ft.
125 to 162 ft.	Dark green, fine grained serpentinized basalt. Soft and highly altered. Many slickensided surfaces with some calcite and gouge seams. About 2% pyrite.
162 to 165 ft.	Same as 125 to 162 ft but harder and less altered.
165 to 170 ft.	Medium gray, fine grained basalt or dolerite. Highly altered to clayey minerals; very soft. About 2% pyrite.
170 to 180 ft.	Black, hard, dense lamprophyre with about 5% pyrite.
180 to 190 ft.	Gray-green, fine grained non-porphyritic basalt. Some alteration to clayey minerals with about 5% pyrite.
190 to 210 ft.	Dark green, fine grained, hard, unaltered hornblende basalt porphyry. Many calcite seams and slickensides. About 5% pyrite.

Logged by: Juan Muñoz
Juan Muñoz
Pacific Minerals & Chemical Co.

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MAR 9 - 1964
OME

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MAR 2 6 1964
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FISCAL SECTION

MME FORM 60
SEPT. 1959

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OCT 16 1963
U.S. MINES, WASH.

8 1963 UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. 6141
Contract No. 2132
14-23-090-
Contract Amount $
Gov't. Participation % $
Mineral(s)

OPERATOR'S MONTHLY VOUCHER

For Month of June/Dec. 1962

Operator's Name PACIFIC MINERALS & CHEMICAL CO. INC
Address 1024 Bigelow St., Olympia, Wash

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing	231.50		$ 231.50			
~~Drilling~~ Mobilization	250.00		250.00			
Crosscutting						
Drilling	4062.50		4062.50			
Phase 1 and 2	1000.00		1000.00			
(2) Personal Services:						
Supervision & Technical						
Outside Consultants						
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Sample Sacks (188 @ 15¢ ea)	28.20		28.20			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work	63.00		63.00			
Payroll Taxes						
Employee's Liability Ins.						
Determinations	81.25		81.25			
Incidentials 625 Ft. @ $1.67	1043.75		1043.75			
TOTALS	$6760.20		6760.20	6,744.65		6,744.65

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

Date Oct 2-1963 * Payee PACIFIC MINERALS & CHEMICAL CO.INC.

Per [signature] Title President

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

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of: 3,372.32
− 621.50 prev vou
− 200.00 to Suspense
$ 2,550.82 to operator

Signature [signature]
(Authorized Certifying Officer)

Date 12/2/63 Vou. No. 7625

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2132

Signature D R Macbaren Title Acting Field Officer, Reg. I Date NOV 1 5 1963

Approved by OME Executive Officer or Alternate:

Signature D R Macbaren Title Acting Field Officer, Reg. I Date NOV 1 5 1963

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

MME FORM 61
SEPT. 1959

RECEIVED
OCT 16 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of ~~June/Dec. 1962~~ Docket No. _____

Operator's Name PACIFIC MINERALS & CHEMICAL COL INC Contract No. 14-23-090-_____

1024 Bigelow St., Olympia, Wash

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting							
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn	6000'		625	$4062.50	625'	625'	$ 4,062.50
Percussion							
Miscellaneous Bulldozing				231.50	18.5 hrs	18.5 hrs	231.25
Mobilization				250.00	1/2 job	1/2 job	250.00
Roads and Trails							
Phase 1 & 2				1000.00	1 unit	1 unit	1,000.00
Sample Sacks				28.20	86	86	12.90
Test Pitting Incidentals							
Work (625' @ $1.67)				1043.75	625'	625	1,043.75
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work				144.25			144.25
TOTAL TO DATE (per MME Form 60)				$ 6760.20			$ 6,744.65

REMARKS

(Continue on back)

REMARKS
(1) Operator claims 188 sample sacks but only the following are accounted for:
65 soil samples
21 churn drill samples
86 Sample sacks @ 0.15 = $12.90
(2)

(Continue on back) (over)

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. 2-1963 Operator PACIFIC MINERALS & CHEMICAL CO. Inc.

Per [signature] Title President

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature [signature]

Title Acting Field Officer, Reg. I
Government Representative

Date NOV 15 1963

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

L2

Deduct $1,243.00 approved and paid on unsupported vouchers June-July 1962.

Withhold $200 pending resumption of work on recons has been requested

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

Hansen Drilling

6711 N. E. 58th Avenue
VANCOUVER, WASHINGTON
Telephone OXford 4-6242

Date October 28, 1963

NAME PACIFIC MINERALS AND CHEMICALS INC

ADDRESS 1024 Dipsley Bd.

Alpaia, Pennsylvania

Work completed in October 1963

Hole # 6 completed at 930 feet
129 feet of drilling @ $96.50 ..... $12,50

Amended Operator's Narrative Report, June thru December, 1962
Mother Lode Property, Oregon
OME Contract 2132(Mercury)

During the months of June and July, 1962, a grid pattern was laid out as a guide to the soil sampling, and soil samples of Phase I (35 samples) and Phase II (30 samples) were taken and analyzed, as well as some additional samples as shown on the attached map.

During the months of August and September, a few remaining soil samples were analyzed and the preperation of Churn Drill Sites Nos. 1, 2 & 3 were completed by the bulldozer. Churn Drilling commenced on September 27, 1963.

During the months of October, November and December, Hole No. 1 was completed to a depth of 305 feet, Hole No. 2 to a depth of 210 feet, and Hole No. 3 was begun and carried to a depth of 110 feet, before weather conditions forced a shutdown for the winter. During these months, a total of 625 feet of Churn Drilling was completed.

Sections of highly altered, pyritized andesite were encountered in all three holes, accompanied by sparce to fairly good cinnabar mineralization. The best mineralization encountered appeared to be in Hole No. 3 from 85 to 110 feet.

The above data represents a summary of the monthly Operator's Narratives compiled by W.G. Johnston for the month's of June thru December, 1962.

Prepared by:

Juan Muñoz

Juan Muñoz

RECEIVED
OCT 18 1963

PROPERTY Pacific Minerals & Chemical Co. Inc.,

SHEET NUMBER 1

[redacted] DRILL RECORD

SECTION FROM Hole #1 TO

LOCATION: LAT. 450N
DEP. 0 + 1E

ELEVATION OF COLLAR ?

DATUM

DIRECTION AT START: BEARING
DIP

STARTED September 26, 1962

COMPLETED November 7, 1962

ULTIMATE DEPTH 305'

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
0-6	fill					
6-86	grey, porphyritic, massive andesite, no noticeable variation in composition or texture, appears to be slightly altered and kaolinized and when it has in case have more fine pyrite cubes some of which were deposited along fractures					
6-15	very few cinnabar colors about one per pan					
18	out of oxidized zone					
65-70	cinnabar in thin seams about 1 mm thick hydrocarbon like mineral associated with the cinnabar and at least one colorless nonmetallic mineral 0.6 #/ ton/mercury					
70-75	one color noted in four pans					
86-178	grey porphyritic andesite considerably coarser grained than above may be coarser phase of the same flow as 6 to 86 and possibly corresponds to rock mapped as diabase, softer than 6 to 86 and disintegrates with slight pressure of fingers and with a few hours exposure to air, impregnated with pyrite and appears much more highly altered than 6 to 86, clay seams - some in excess of 2" thick, some veinlets or seams of white carbonate at 168-165 seams 1 mm thick					
105-115	thin seams of cinnabar as at 65-70 difference here is that fine cube pyrite on seams later? filled by cinnabar					
105-110	0.2 # ton/mercury					
110-115	0.44 # ton/ mercury					
150	clay alteration					

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM No. 501 REV. 9-44

DRILLED BY Hansen Drilling, Vancouver, Wash.

SIGNED [illegible]

PROPERTY ..... CHAIN

SHEET NUMBER 2

[redacted] DRILL RECORD

SECTION FROM Hole #1 TO

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SILVER OZS		
Near 178	highly altered cuttings almost white (mud), first water, could not lower water						
	by bailing - fault lot of difficulty to keep hole straight, tools hung up						
[illegible]-257	felsite dike						
182	structures than could be vesicles but very uniform appearance, texture and grain						
	size, strongly suggest dike, lot of pyrite uniformly impregnated throughout						
182.5	Au Nil						
186-243	lot of carbonate veinlets 1.5 to 5.0 feet apart give trouble in drilling						
258-266	poor cinnabar colors						
257-305	grey porphyritic andesite, same as 86 to 178, coarser grained at 305, [illegible] to						
	305, 1 cm thick white carbonate with pyrite						
305	end hole						

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM No 591 REV. 9/44

DRILLED BY Hanson Drilling, Vancouver, Wash.

SIGNED W. G. [illegible]

Other Lode near Prineville, Oregon

PROPERTY ~~Pacific Minerals & Chemical Co. Inc.,~~

HOLE NUMBER 2

SHEET NUMBER 1

[redacted] **DRILL RECORD**

SECTION FROM TO

LOCATION: LAT. 300N DEP. 99 E

ELEVATION OF COLLAR

DATUM 7

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED November , 1962 December 14, 1962

ULTIMATE DEPTH 210'

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
0-10	fill					
10-97	massive medium to coarse grained, grayish dark green, relatively fresh, porphyritic andesite					
10-40	fair cinnabar colors lot of clay seams, andesite oxidized and bleached but apparently same as that below					
40-45	cuttings still rusty but rest from seams as rock not oxidized, first unoxidized pyrite noticeable					
45	out of oxidized zone					
45-55	no clay seams, sparse pyrite					
55-65	white quartz veinlets					
65-75	increase in clay seams and more pyrite than usual					
75-100	hardly any pyrite					
97-100 ?	flow contact ? some dense extremity fine grained grey andesite with aligned pyrite, extremely hard drilling					
100-210	andesite ? grey massive, porphyritic, some dark phenocrysts in addition to the feldspars relatively coarse grained for lava, very soft, probably altered on exposure to air and water slakes, possibly corresponds to rock mapped as diabase, same as 86-100 Hole 1, more pyrite and clay seams than 10-97 , change from above rocks to unit at 100-210 is very sharp and there is no perceivable gradual increase in grain size at the top of the 100-200 unit as would be expected, in a flow					

PROPERTY

HOLE NUMBER

SHEET NUMBER

[redacted] DRILL RECORD

SECTION FROM TO

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SILVER OZ/T	
120	section increase in clay and pyrite and also white seams which are probably largely quartz					
125-130	less altered					
145-150	took nearly a week to drill this 5 feet, rock is the same as above, fault might be explanation for difficult drilling, some slickensided fragments but probably only minor structure					
150-155	hard slow drilling as above					
165-170	veinlets containing hydrocarbon-like mineral					
170-175	more clay lumps than above					
175-180	considerable quartz and chert much more pyrite than usual 2 or 3%					
180-210	considerable quartz seams and 6 to 8% pyrite					
185-210	noticeable gas, green resembles MgS					
195-200	about 10% pyrite and few cinnabar colors					
210	end hole					
	To be assayed					
	10 to 40 feet (6 samples)					
	195 to 205 feet (1 sample)					

FEB 5 1900

Mother Lode, Prineville, Oregon

PROPERTY Pacific Minerals & Chemical Co. Inc.,

HOLE NUMBER 3

SHEET NUMBER 1

SECTION FROM ..... TO .....

[redacted] DRILL RECORD

LOCATION: LAT. 330N
DEP. 0 , 1 East

ELEVATION OF COLLAR 29.5' above Hole 2, 13.5' above Hole 1

DATUM

DIRECTION AT START: BEARING
DIP

STARTED December 19, 1962

COMPLETED at 110' when drilling suspended

ULTIMATE DEPTH for winter months December 30

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD	SILVER	
0-54	uniform porphyritic andesite, coarse grained for lava, feldspar phenocrysts up to ½ long and black pyroxene phenocrysts slightly larger, quite a distinctive rock and different from any encountered in previous Holes					
0-5	fairly good cinnabar colors					
5-10	about half the colors of above					
10-15	a few colors					
15-20	lot of clay alteration in this interval much more than 0-15					
20-25	no clay alteration					
25-30	fair cinnabar colors, lot of clay alteration					
30-35	fair colors					
35-45	out of heavily oxidized and bleached zone, first pyrite (unoxidized) seen 40-45					
45-54	very sparse colors					
54-110	massive uniform medium grained acid rock apparently same as 170-257 Hole 1 designated felsite dike, grain size uniform and no sign of side chilled zones as passing from 0-54 into this rock which suggests dike					
54-60	one color noted					
60-65	about 1% pyrite and clay alteration					
65-70	pyrite more abundant than sections with cinnabar below					
70-75	very sparse colors					

*No instrument is available to determine elevations of Holes, the Company decided expenditure for purchase or rental of a hand level is not justified

[redacted] CHURN

DRILL RECORD

HOLE NUMBER 3

SHEET NUMBER 2

SECTION FROM TO

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SILVER OUNCE	
80-95	clay alteration and felsite green, altered					
95-100	fairly good cinnabar colors accompanied by minor pyrite, cinnabar in clay alteration product, first time this has been seen, this cinnabar alone, probably around 4 cinnabar in clay rest in accompanying, very thin veinlets (up to 1/8" thick) like mineralization encountered in previous holes, it does not alone					
100-105	fair colors					
105-110	some colors more pyrite than any of the above sections, no noticeable cinnabar of cinnabar here					
	(To be assayed)					
	0-5 feet 85-90 feet ✓					
	5-10 feet 90-95 feet ✓					
	10-15 feet 95-100 feet ✓					
	25-30 feet 100-105 feet ✓					
	30-35 feet 105-110 feet ✓					

RECEIVED

FEB 18 1953

SPOKANE, WASH.

© NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM No 501 REV 9/44

DRILLED BY Hansen Drilling, Vancouver

Vancouver, Wash

Chemical Analysis
Assaying • Testing
Sampling • Weighing
Checking
Inspecting
Cement • Concrete
Aggregates

LEWIS E. JEKLIN

CHEMIST -:- ASSAYER -:- TESTING

917-918 Security Building • MA 7-9775

TACOMA ASSAY OFFICE

TACOMA 2, WASHINGTON

Gold
Silver
Platinum
Mining • Analysis
Buyer • Refining

Assay Certificate

For:— Pacific Minerals & Chemical Co. Inc.
[illegible] Higley St.
Olympia, Wa.

DATE Nov.5,1962

REPORT NO. 10,473-2

Report on:

Drill Samples

Based on Sample TAKEN Received Nov.1,1962 by [illegible].

Marked:

Hole # 1 [illegible] ft.

MERCURY - - - - - - - - - - - - 0.0[illegible]%
lbs.per ton - - - 0.6

Hole # 1 [illegible]-[illegible] ft.

MERCURY - - - - - - - - - - - - 0.01 %
lbs.per ton - - - - 0.2

Hole # 1 [illegible]-[illegible] ft.

MERCURY - - - - - - - - - - - - 0.[illegible] %
lbs.per ton - - - 0.[illegible]

Hole # 1 [illegible] ft.

Gold & Silver - - - - - - - TRACE ONLY

PAID by Mr. Hielingoon 11/2/62 [illegible]

GOLD AT $ PER OZ.
SILVER AT $ PER OZ.
COPPER AT $ PER LB.
LEAD AT $

Chemical Analysis
Assaying · Testing
Sampling · Weighing
Checking
Inspecting
Cement · Concrete
Aggregates

LEWIS E. JEKLIN

CHEMIST ·:· ASSAYER ·:· TESTING

517-518 Security Building · MA 7-7772

TACOMA ASSAY OFFICE

TACOMA 2, WASHINGTON

Gold
Silver
Platinum
Mercury · Analyses
Buyer · Refining

Assay Certificate

For:— Pacific Minerals & Chemical Co.
c/o Mr. G. E. Ellingson
1024 Eighth St.
Olympia , Wa.

DATE Jan.8,1963

REPORT NO. 10,530-X

Report on:

Based on Sample TAKEN 8-21 Finds

Dec.27,1962 recieved .

Marked :

# A	MERCURY		0.92	%
	Pounds per ton		18.4	lb.
HOLE #2 -				
10-15 ft.	MERCURY		0.045	%
	Pounds per ton		0.9	lb.
15-20 ft.	MERCURY		NIL	
20-25 ft.	MERCURY		0.02	%
	Pounds per ton		0.4	lb.
25-30 ft.	MERCURY		NIL	
30-35 ft.	MERCURY		NIL	
35-40 ft.	MERCURY		TRACE	
175-200	MERCURY		0.03	%
	Pounds per ton		0.6	lb.
HOLE # 1				
250-255 ft.	MERCURY		0.33	%
	Pounds per ton		6.6	lb.
HOLE # 3				
0 - 5 ft.	MERCURY		NIL	
5-10 ft.	MERCURY		NIL	
10-15 ft.	MERCURY		NIL	
25-30 ft.	MERCURY		NIL	
30-35 ft.	MERCURY		NIL	
			NIL	

RECEIVED

GOLD	AT $	PER OZ.
SILVER	AT $	PER OZ.
COPPER	AT $	PER LB.
LEAD	AT $	PER LB.
ZINC	AT $	PER LB.

Signed:

Chemical Analysis
Assaying · Testing
Sampling · Weighing
Checking
Inspecting
Cement · Concrete
Aggregates

LEWIS E. JEKLIN

CHEMIST ·:· ASSAYER ·:· TESTING

517-518 Security Building · MA 7-9772

TACOMA ASSAY OFFICE

TACOMA 2, WASHINGTON

Gold
Silver
Platinum
Mercury · Amalgam
Buyer · Refining

Assay Certificate

For:- Pacific Minerals & Chemical Co. Inc.
1024 Miglow St. c/o Mr. Ellingsen
Olympia, Wa.

DATE Jan. 11, 1963

REPORT NO. 10,545-m

Report on: Drill Core Samples, fines.

Based on Sample TAKEN Jan. 10, 1963

Marked: Hole # 3

85-90 ft. -	MERCURY	- - - - - - - - -	0.19	%
		pounds per ton-	3.8	lb. ✓
90-95 ft. -	MERCURY	- - - - - - - -	0.16	%
		pounds per ton -	3.2	lb. ✓
95-100 ft.-	MERCURY	- - - - - - - -	0.105	%
		pounds per ton -	2.1	lb.
100-105 ft.-	MERCURY	- - - - - - - -	0.09	%
		pounds per ton -	1.8	lb.
105-110 ft.-	MERCURY	- - - - - - - -	0.04	%
		pounds per ton -	0.8	lb.

GOLD	AT $	PER OZ
SILVER	AT $	PER OZ
COPPER	AT $	PER LB
LEAD	AT $	PER LB

Pacific Minerals & Chemical Co., Inc.

Mining and Developing
1024 BIGELOW STREET
OLYMPIA, WASHINGTON
Telephone Fleetwood 2-5206

October 1, 1963

Mr. D. R. MacLaren
Office of Minerals Exploration
U.S. Dept. of Interior
So. 157 Howard Street
Spokane 4, Washington.

Re: OME Contr. 6141 (Mercury)
Pacific Minerals & Chemical Co
Mother Lode, Cobar & Lookout
Mountain Group, Crook County
Ore. Cont. 2132

Dear Mr. MacLaren:

This is to advise that 188 Sample sacks were used for OME contract from June through December 1962.

Yours very truly

PACIFIC MINERALS & CHEMICAL CO.

By [illegible]

OME/R

RECEIVED
OCT 16 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
September 4, 1963

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP
DATE

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Interim inspection report
OME-6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Mother Lode, Cobar and Lookout
Mountain Groups
Crook County, Oregon
Contract 2132

The morning of August 18, 1963, was spent in the motel at Prineville, Oregon, with C. M. Ellingsen, President, going over vouchers, discussing voucher and contract requirements, and clarifying the impression given by Juan Munoz, Technical Supervisor, that program changes requiring contract amendment might be forthcoming. The proposed changes will be submitted. The property was visited for about 1½ hours during the afternoon accompanied by C. M. Ellingsen, Juan Munoz, Mah Sup Kim and Se In Change, the two last named being Korean Trainees. The last inspection was made November 14, 1962, at which time Churn Drill Hole 1, although not yet authorized, had been drilled to a depth of 305 feet and Hole 2 to a depth of 10 feet. That evening and the following morning about 3 hours were spent with Ellingsen and Johnston discussing in considerable detail the necessity for and the nature of documentary support of vouchers.

Since the last inspection Churn Drill Hole 2 has been drilled to a depth of 210 feet and was stopped because the drill site was starting to slide as described in Munoz' letter of July 22, 1963, a copy of which has been forwarded. Access to the drill site was made by deepening to grade an old trench about 110 feet long. Apparently the material from this cut was pushed out on the hill side and leveled off for the drill site. The hole passed through a mineralized hanging-wall zone from which samples were taken. The mercury content was fairly persistent in the zone although the grade was low. The hole would have to be deepened to something over 400 feet to cross the footwall zone which has been cut and sampled in Hole 3. It is concluded that another hole farther south and collared closer to the hanging-wall zone will be of more value than redrilling Hole 2; deepening Hole 2 is not possible as spring rains have

so washed the drill site and caved the collar that it cannot be located with certainty.

Drill Hole 3 has been completed to a depth of 330 feet and has cut both the hanging-wall and footwall zones. Assays of samples from Holes 1, 2, and 3, a section through Holes 2 and 3, and a section through Holes 1 and 3, have been sent to E. D. Talbert. The sections as well as the enclosed map* were prepared by Juan Munoz. Had Holes 2 and 3 been completed and the data been available prior to the drilling of Hole 1, that hole would have been authorized. However, Munoz pointed out, and I concur, that the provisionally approved site of Hole 4 will be too far westerly of the footwall to cut both walls unless it is drilled considerably deeper than the authorized approximate depth of 300 feet.

Comparison of the assays from Hole 2 with those from Hole 1 suggest that the mineralization is weaker in the latter area. Munoz has mapped a N. 55° W. shear in the Wet Cut that shows some mercury and has proposed a new Hole 4 to be drilled to cut this shear and the strong hanging-wall shear near their intersection. There is also some topographic evidence of a N. 60° E. striking shear, which may be a continuation of the mineralized zone that passes through the Amity, Blue Ridge, and Westbrook properties. Munoz is currently collecting and mapping evidence to show this and will discuss it when he requests an amendment to change the work.

D. R. MacLaren

D. R. MacLaren

Enclosure:
Distribution:
OME(Orig.&2)
Docket
MacLaren

*Only two copies available and so distributed.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
July 31, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 6 1962
DATE | INITIALS | CODE
8/6 | | 100
8/6 | | 140
8/8 | | 120
8/8 | | 800
8/8 | | 500
| | 200

Memorandum

To : Chief, Division of Field Operations

From : Acting Field Officer, Region I

Subject: Interim inspection OME-6141 (Mercury)
Mother Lode, Cobar, and Lookout Mountain Groups
Crook County, Oregon
Contract 2132

Pacific Minerals

The property was visited July 18, 1962, accompanied by C. M. Ellingsen, President, and W. G. Johnston, Superintendent.

During May the Operator began opening the road into camp and taking in supplies. By the time of this inspection, base lines and sample locations for Phase 1 had been laid out and 37 soil samples had been taken. In addition, the Operator took 65 soil samples for his own account. Due to a delay in locating and getting delivery of one of the necessary reagents, none of the samples have been assayed. However, Johnston panned part of each sample and counted the cinnabar colors in the pan tail. The reagent was received July 17, and Johnston expects to have the results within a few days.

The method of analysis described by F. N. Ward and E. H. Bailey on page 343 in AIME Transactions (Mining), Vol. 217, 1960, is to be used. Because of the high color count in some of the pannings, Johnston is a bit concerned as to the feasibility of this method. If he cannot obtain satisfactory results, he will use an older and more tried but slower method.

As the assay determinations have not yet been made, no voucher will be submitted until the end of July, at which time the work done in June and July will be vouchered and a chemical anomaly map will be prepared.

I have a print of the color-count map but will not prepare a tracing and prints at this time unless you request it. Pan counts range from zero to 600, thirteen of them being 100 or more. Frankly, I cannot see anyone actually counting that many individual colors in a pan tail. Relative to other pannings, they indicate seven or more areas in which mercury is more concentrated in near surface soil and, other than that, their value or reliability as indicators is limited.

D R MacLaren

D. R. MacLaren

OME (Orig. & 2 cpys)

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MME FORM 61
SEPT. 1959

SEP 3 1962

U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

~~Fee~~
~~120~~
500

OPERATOR'S PROGRESS REPORT

For Month of ~~June/July 1962~~

Docket No. OME-6141

Operator's Name PACIFIC MINERALS & CHEMICAL CO. INC

Contract No. 14-23-090- 2132

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting							
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
Percussion							
Miscellaneous Ins. Geo. Sup.	10	1	1	200.00	1	1	700.00
Helper-Sampler	227	20	20	320.00	20	20	320.00
Roads and Trails							
Stripping Dop. Jeep	227	30	30	60.00	30	30	60.00
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings Payroll Taxes, Inc.				163.00			163.00
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE (per MME Form 60)				1243.00			1,243.00

REMARKS

(Continue on back)

REMARKS

For the record - Statement signed by Supervisor indicates that Jeep was used 36 days

(Continue on back)

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. 15, 1962 Operator PACIFIC MINERALS & CHEMICAL CO. INC.

By [signature] Title President

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature [signature]

Title Acting Field Officer
Government Representative

Date SEP 25 1962

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

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DATE | INITIALS | CODE
500
110

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

RECEIVED
SEP 3 1962
U.S.G.S.
SPOKANE, WASH.

MME FORM 60
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. 6141
Contract No. 14-23-090-2132
Contract Amount $
Gov't. Participation % $
Mineral(s)

OPERATOR'S MONTHLY VOUCHER

For Month of June & July 1962

Operator's Name PACIFIC MINERALS & CHEMICAL CO. INC.
Address 1024 Bigelow Street, Olympia, Wash.

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing						
Drifting						
Crosscutting						
Drilling						
(2) Personal Services:						
Supervision & Technical	700.00		700.00	700.00	—	700.00
Outside Consultants						
Labor 16.00 dy	320.00		320.00	320.00	—	320.00
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation On Jeep	60.00		60.00	60.00	—	60.00
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes / Employee's Liability Ins.	163.00		163.00	163.00	—	163.00
TOTALS	1243.00		1243.00	1243.00	—	1,243.00

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

Date Aug. 13, 1962 *Payee PACIFIC MINERALS & CHEMICAL CO. INC.

Per [signature] Title President

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

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

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

$ 621.50.

Signature [signature]
(Authorized Certifying Officer)

Date 10/1/62 Vou. No. 1642

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2132

Signature D.W. Macharen Title Acting Field Officer Date SEP 25 1962

Approved by OME Executive Officer or Alternate:

Signature D.W. Macharen Title Acting Field Officer Date SEP 25 1962

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

Box 746,
Prineville,
Oregon,
September 7, 1962.

Mr. D.R. MacLaren
Office of Minerals Exploration,
No. 157 Howard Street,
Spokane 4,
Washington.

Dear Mr. MacLaren: Re: O.M.E. - 6141 (Mercury)
Pacific Minerals & Chemical Co., Inc.
Rother Lode, Cobar, and Lookout
Mountain Groups
Crook County, Oregon,
Contract 2132

With reference to your letter to Mr. Ellingsen of September 6, 1962. This is to certify that the following number of days in June and July were spent on contract work:

	June and July
W.G. Johnston, Geologist	33
Sampler Helper	20

This is to further certify that 4-wheel drive pick-up was used 13 days in June and 23 days in July, 1962, on contract work.

Yours very truly,

W.G. Johnston

OPERATOR'S NARRATIVE REPORT, JUNE AND JULY 1962
O[illegible]E, CONTRACT 2132 (MERCURY[illegible])

MOTHER LODE MINE, LOOKOUT MOUNTAIN,
CROOK COUNTY, OREGON

During June and July the following work was done:

	Contract Work	Company Work	Total
1. Grid surveyed and laid out	75 stations	100 stations	175 stations
2. Soil samples taken mainly with soil auger to maximum depth attainable	61 samples	68 samples	129 samples
3. Soil samples panned*	- - - - -	129	129
4. - - - - - - - - -	- - - - -	Former assay laboratory was rehabilitated for use: (a) Windows installed, as constructed it had no windows. (b) Bench installed and other alterations made to make it useable. (c) Temporary water line installed as original water line could not be repaired. (d) Equipment and reagents for determination of mercury in soils procured and set up.	

Respectfully submitted,

W. G. Johnston

W.G. Johnston

August 11, 1962

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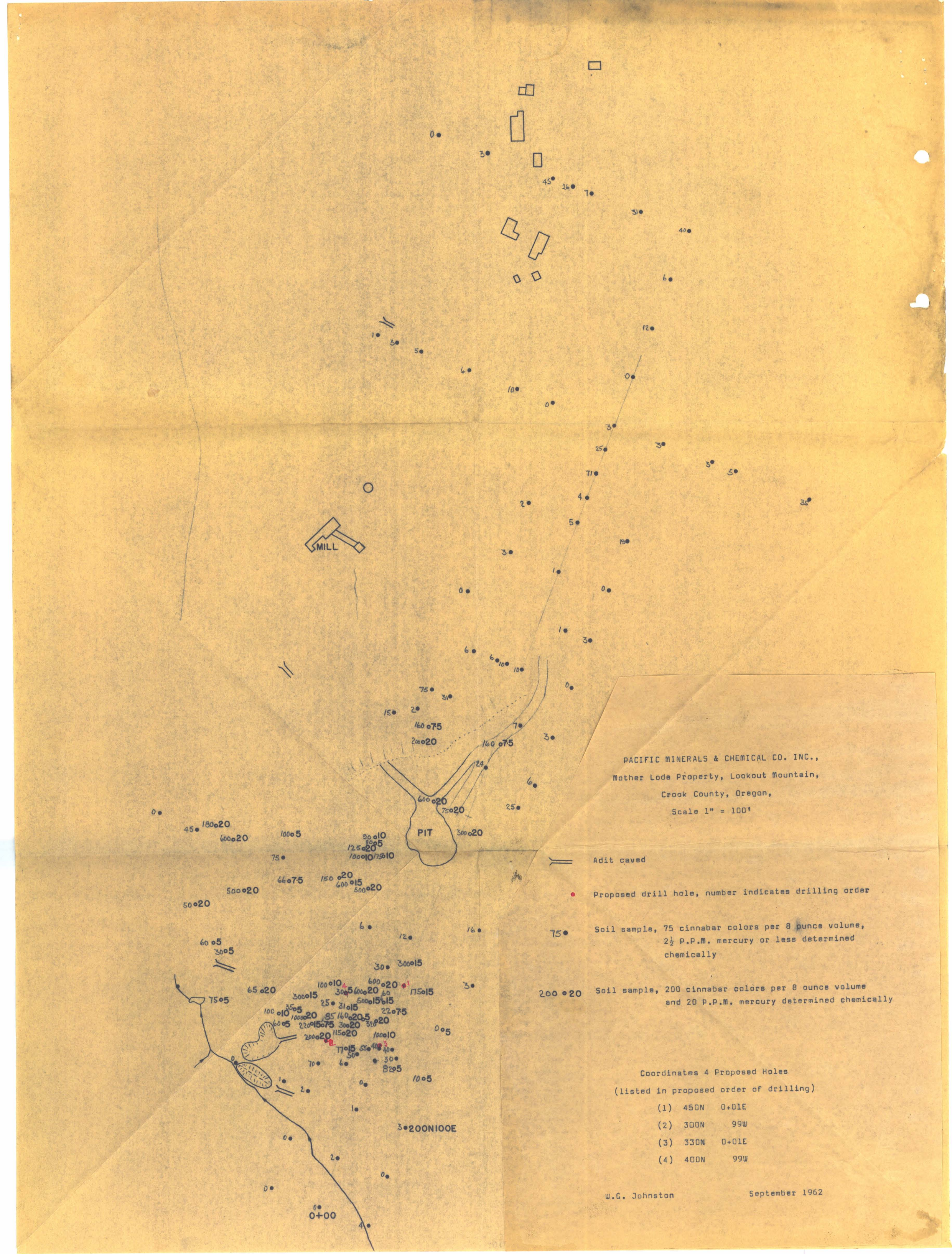
AUG 14 1962
U. S. G. S.
SPOKANE, WASH.

* The number of cinnabar colors per 8 oz fluid measure of each sample was plotted on a map accompanying this report.



PACIFIC MINERALS & CHEMICAL CO. INC.,

Mother Lode Property, Lookout Mountain,

Crook County, Oregon,

Scale 1" = 100'

Adit caved

Proposed drill hole, number indicates drilling order

75 Soil sample, 75 cinnabar colors per 8 ounce volume, 2½ p.p.m. mercury or less determined chemically

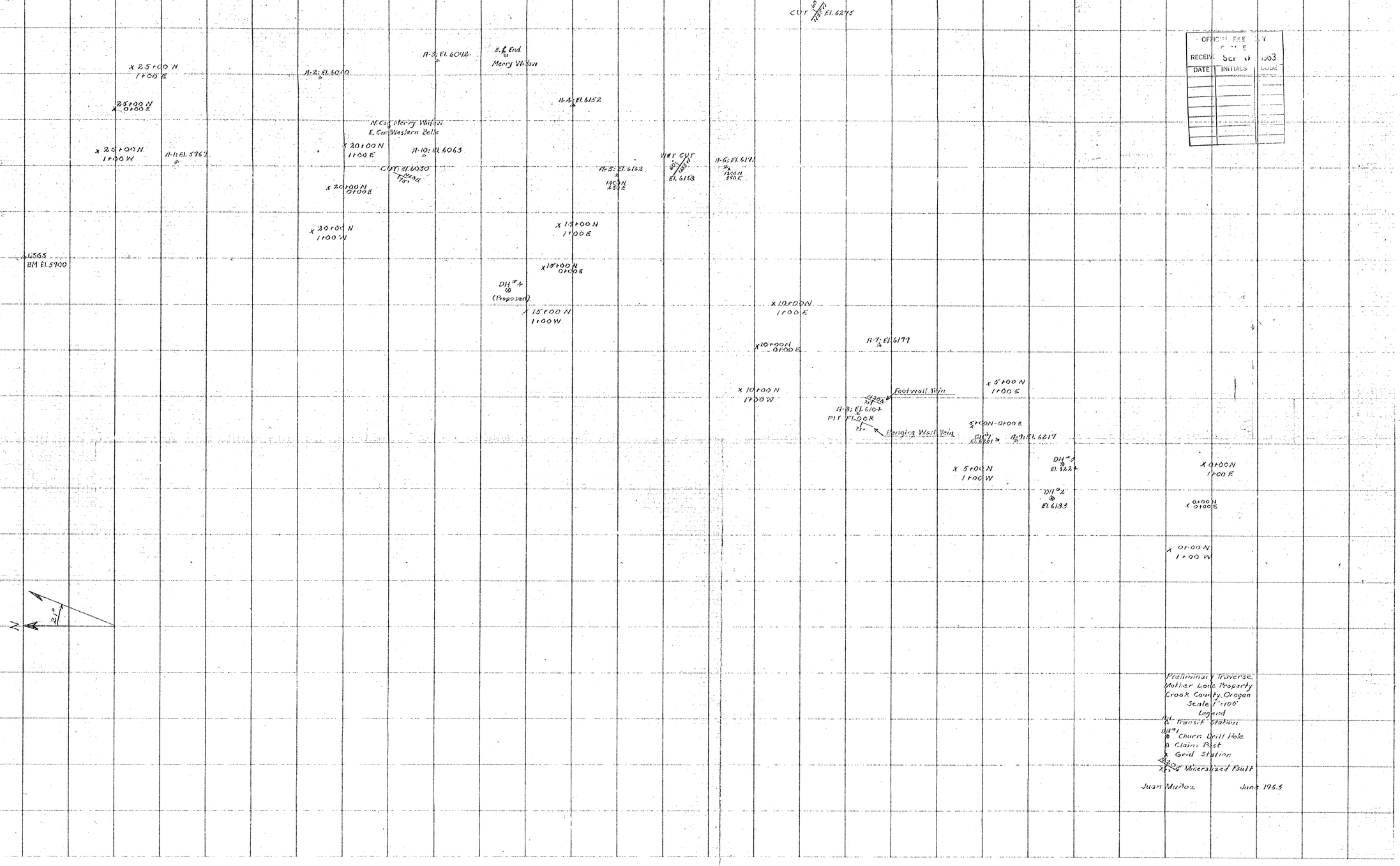
200 o 20 Soil sample, 200 cinnabar colors per 8 ounce volume and 20 p.p.m. mercury determined chemically

Coordinates 4 Proposed Holes

(listed in proposed order of drilling)

(1)	450N	0+01E
(2)	300N	99W
(3)	330N	0+01E
(4)	400N	99W

W.G. Johnston September 1962



Preliminary Traverse,
Mother Lode Property
Crook County, Oregon
Scale 1" = 100'
Legend
A-1 Transit Station
DH #1 Churn Drill Hole
Claim Post
X Grid Station
Mineralized Fault

Juan Muñoz June 1965

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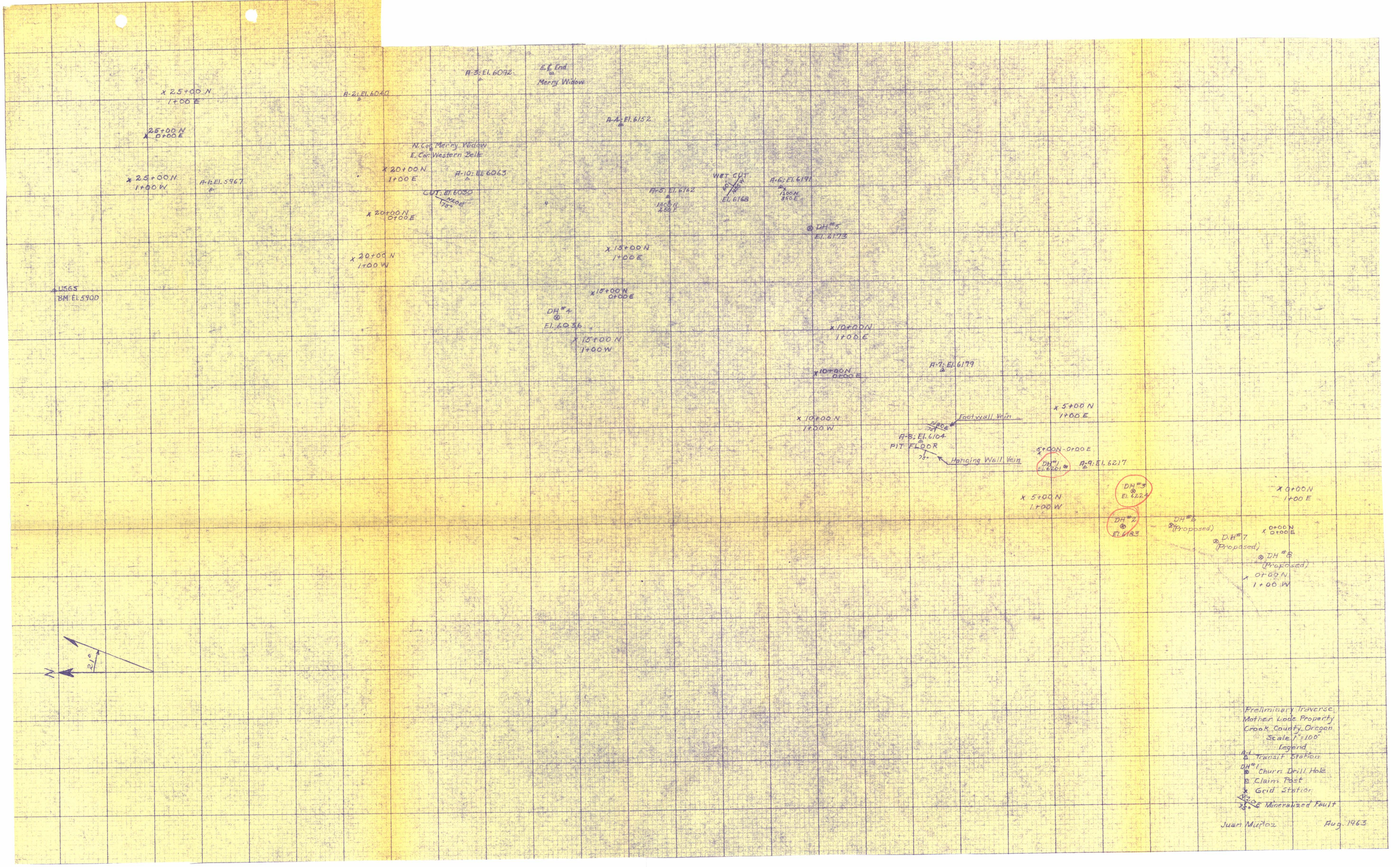
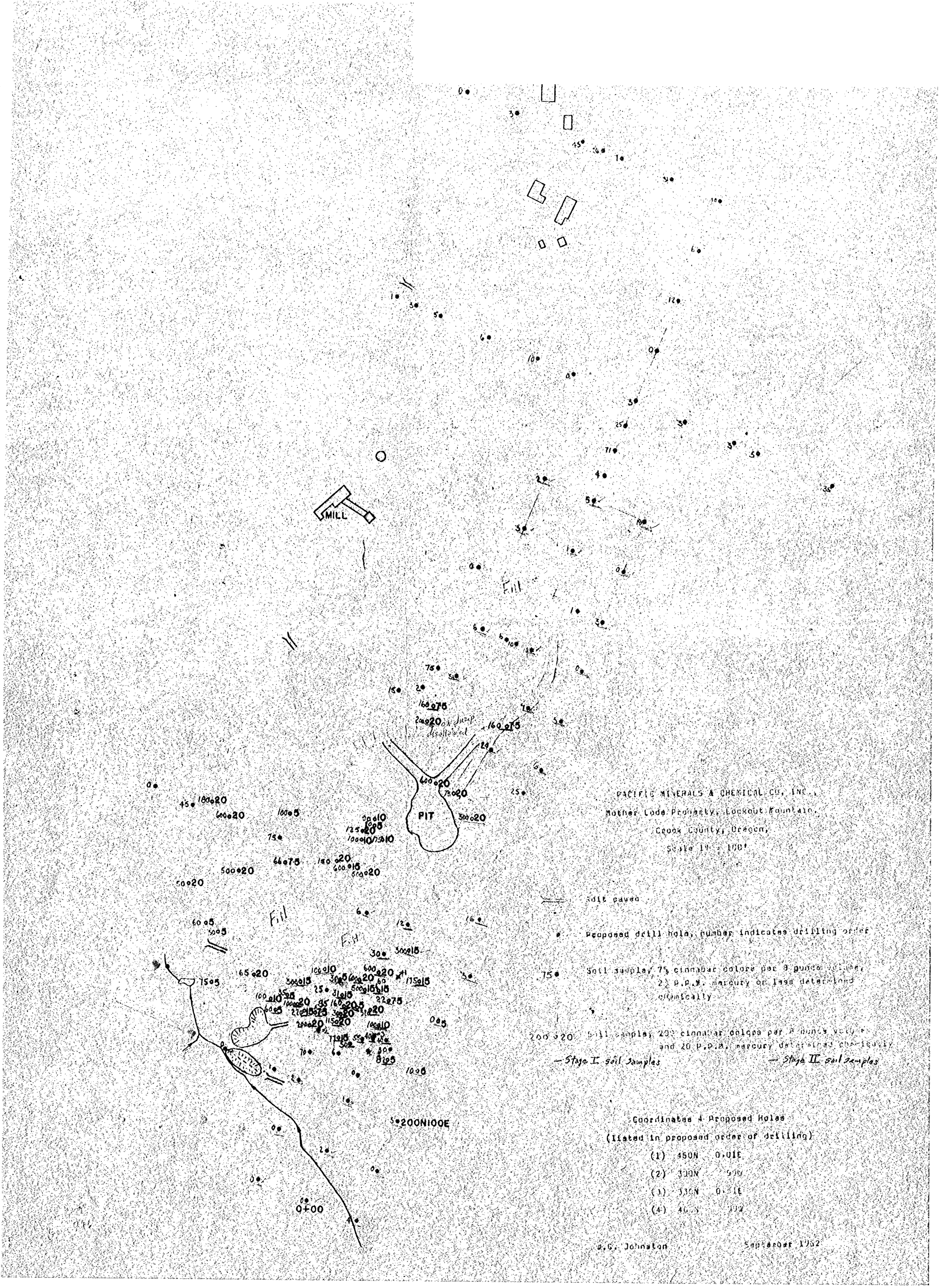
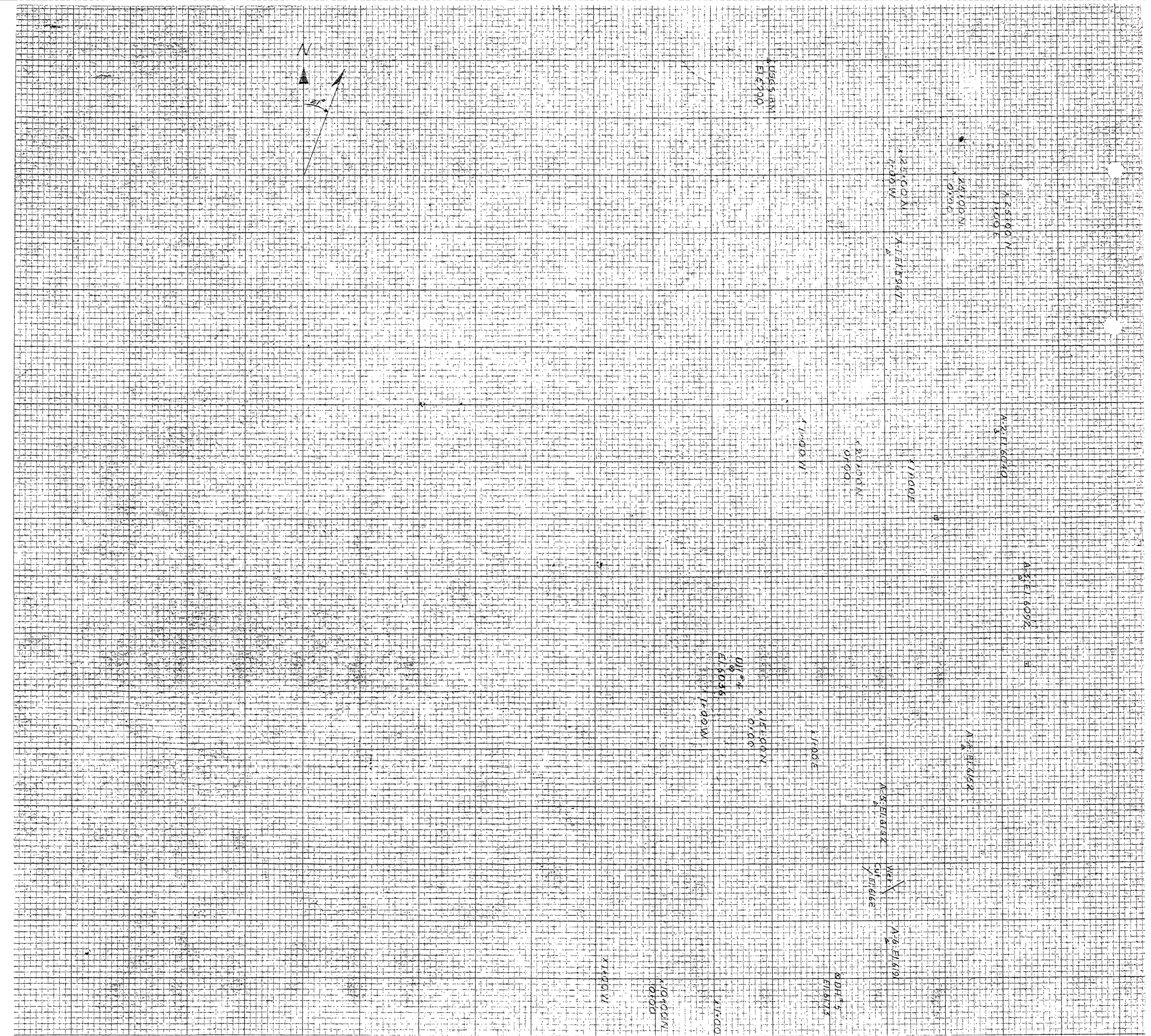
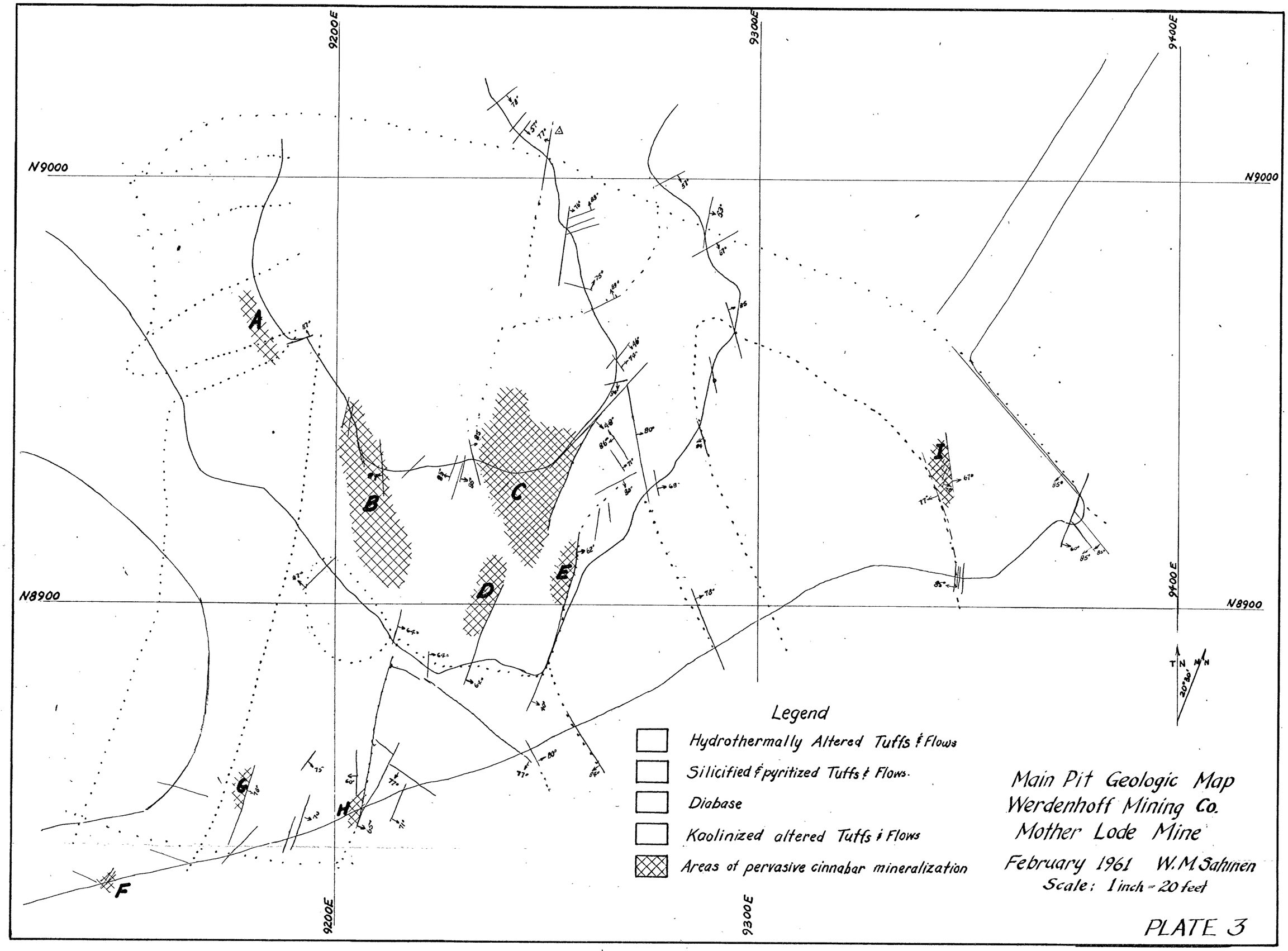

A-3: El. 6092
E.L. End
Merry Widow
x 25+00 N
1+00 E
A-2: El. 6040
A-4: El. 6152
25+00 N
0+00 E
N. Cor. Merry Widow
E. Cor. Western Belle
x 20+00 N
1+00 E
A-10: El. 6063
x 25+00 N
1+00 W
A-1: El. 5967
CUT: El. 6030
A-5: El. 6162
1800 N
250 E
WET CUT
El. 6168
A-6: El. 6191
1300 N
350 E
x 20+00 N
0+00 E
DH #5
El. 6173
x 20+00 N
1+00 W
x 15+00 N
1+00 E
USGS
BM El. 5900
x 15+00 N
0+00 E
DH #4
El. 6036
x 15+00 N
1+00 W
x 10+00 N
1+00 E
A-7: El. 6179
x 10+00 N
0+00 E
x 5+00 N
1+00 E
x 10+00 N
1+00 W
Footwall Vein
A-8: El. 6104
PIT FLOOR
Hanging Wall Vein
5+00 N-0+00 E
DH #1
El. 6201
A-9: El. 6217
DH #3
El. 6224
x 5+00 N
1+00 W
x 0+00 N
1+00 E
DH #2
El. 6183
DH #6
(Proposed)
x 0+00 N
0+00 E
DH #7
(Proposed)
DH #8
(Proposed)
x 0+00 N
1+00 W
N
21°
Preliminary Traverse
Mother Lode Property
Crook County, Oregon
Scale 1" = 100'
Legend
A-1 Transit Station
DH # Churn Drill Hole
Claim Post
x Grid Station
Mineralized Fault
Juan Muñoz
Aug. 1963


MILL
Fill
PIT
Fill
Fill
0+00
PACIFIC MINERALS & CHEMICAL CO. INC.,
Mother Lode Property, Lockout Mountain,
Crook County, Oregon,
Scale 1" = 100'
Adit caved
Proposed drill hole, number indicates drilling order
Soil sample, 75 cinnabar colors per 8 ounce volume, 2 p.p.m. mercury or less determined chemically
Soil sample, 200 cinnabar colors per 8 ounce volume and 20 p.p.m. mercury determined chemically
— Stage I soil samples
— Stage II soil samples
Coordinates of Proposed Holes
(listed in proposed order of drilling)
(1) 450N 0+01E
(2) 300N 900
(3) 330N 0+ 1E
(4) 46 N 100
D.G. Johnston
September 1962


N
USGS BM
El 6700
A-25 El 6092
B
A-25 El 6100 N
1100 E
25+00 N
0+00
A-26 El 6152
A
A-25 El 6132
A-17 El 5947
B
1+00 W
Wet
Cut
El 6162
A-16 El 6190
A
1+00 E
15+00 N
0+00
DH #4
El 6036
1+00 W
A-27 El 6160
B
11+00 E
20+00 N
0+00
1+00 W
DH #5
El 6115
19+00 N
10+00
1+00 W


N9000
N8900
9200E
9300E
9400E
A
B
C
D
E
F
G
H
I
Legend
Hydrothermally Altered Tuffs & Flows
Silicified & pyritized Tuffs & Flows.
Diabase
Kaolinized altered Tuffs & Flows
Areas of pervasive cinnabar mineralization
Main Pit Geologic Map
Werdenhoff Mining Co.
Mother Lode Mine
February 1961 W.M. Sahlinen
Scale: 1 inch = 20 feet
PLATE 3

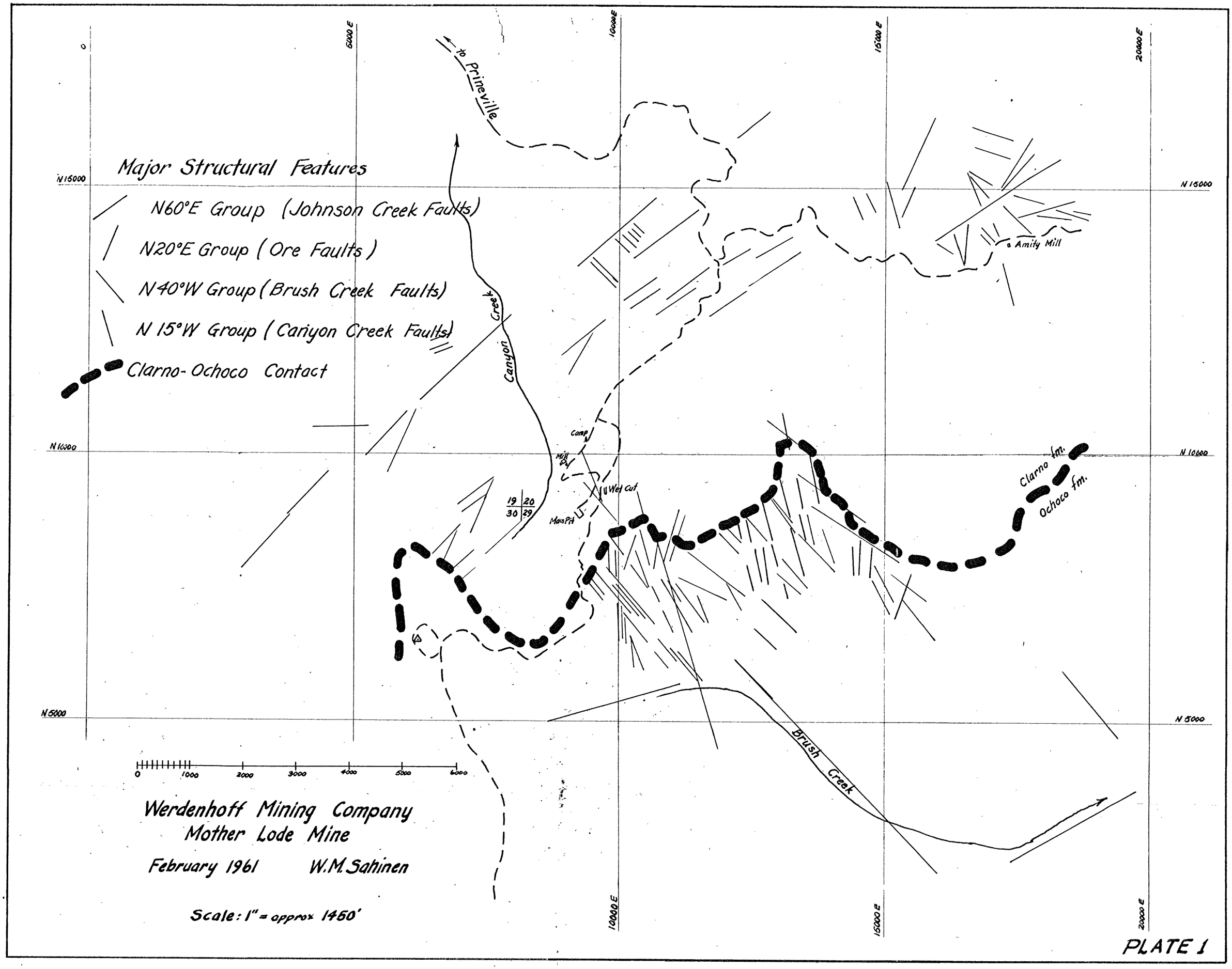
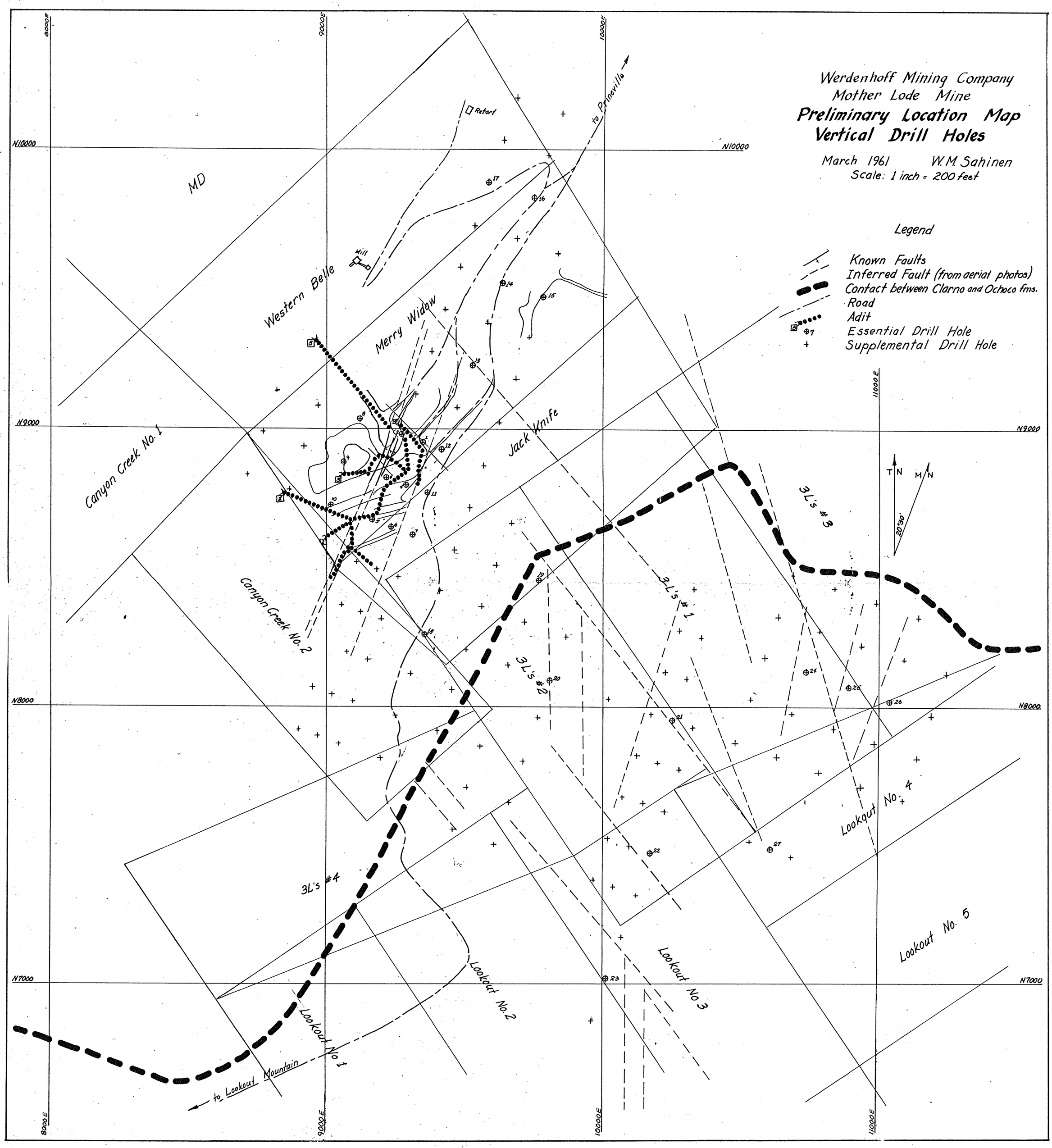
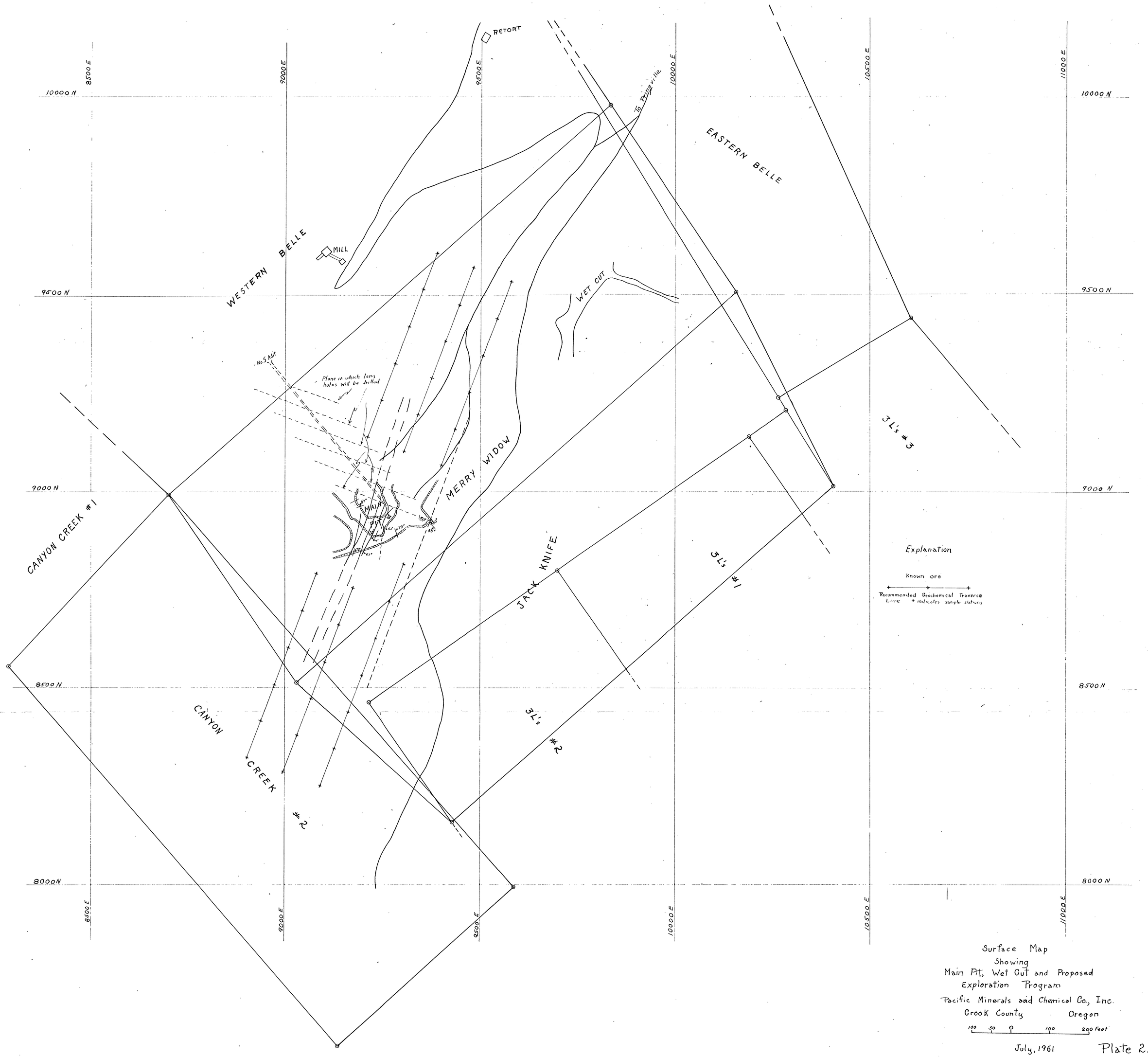

Major Structural Features
N60°E Group (Johnson Creek Faults)
N20°E Group (Ore Faults)
N40°W Group (Brush Creek Faults)
N 15°W Group (Canyon Creek Faults)
Clarno-Ochoco Contact
to Prineville
Canyon Creek
Brush Creek
Amity Mill
Camp
Mill
Wet cut
Main Pit
19 20
30 29
Clarno fm.
Ochoco fm.
0
5000 E
10000 E
15000 E
20000 E
N 15000
N 10000
N 5000
0 1000 2000 3000 4000 5000 6000
Werdenhoff Mining Company
Mother Lode Mine
February 1961 W.M. Sahinen
Scale: 1" = approx 1450'

PLATE 1


Werdenhoff Mining Company
Mother Lode Mine
Preliminary Location Map
Vertical Drill Holes
March 1961
W.M. Sahinen
Scale: 1 inch = 200 feet
Legend
Known Faults
Inferred Fault (from aerial photos)
Contact between Clarno and Ochoco fms.
Road
Adit
Essential Drill Hole
Supplemental Drill Hole
8000E
9000E
10000E
11000E
N10000
N9000
N8000
N7000
Retort
Mill
to Prineville
MD
Western Belle
Merry Widow
Jack Knife
Canyon Creek No. 1
Canyon Creek No. 2
3L's #1
3L's #2
3L's #3
3L's #4
Lookout No. 1
Lookout No. 2
Lookout No 3
Lookout No. 4
Lookout No. 5
to Lookout Mountain
T N
M N
20°30'



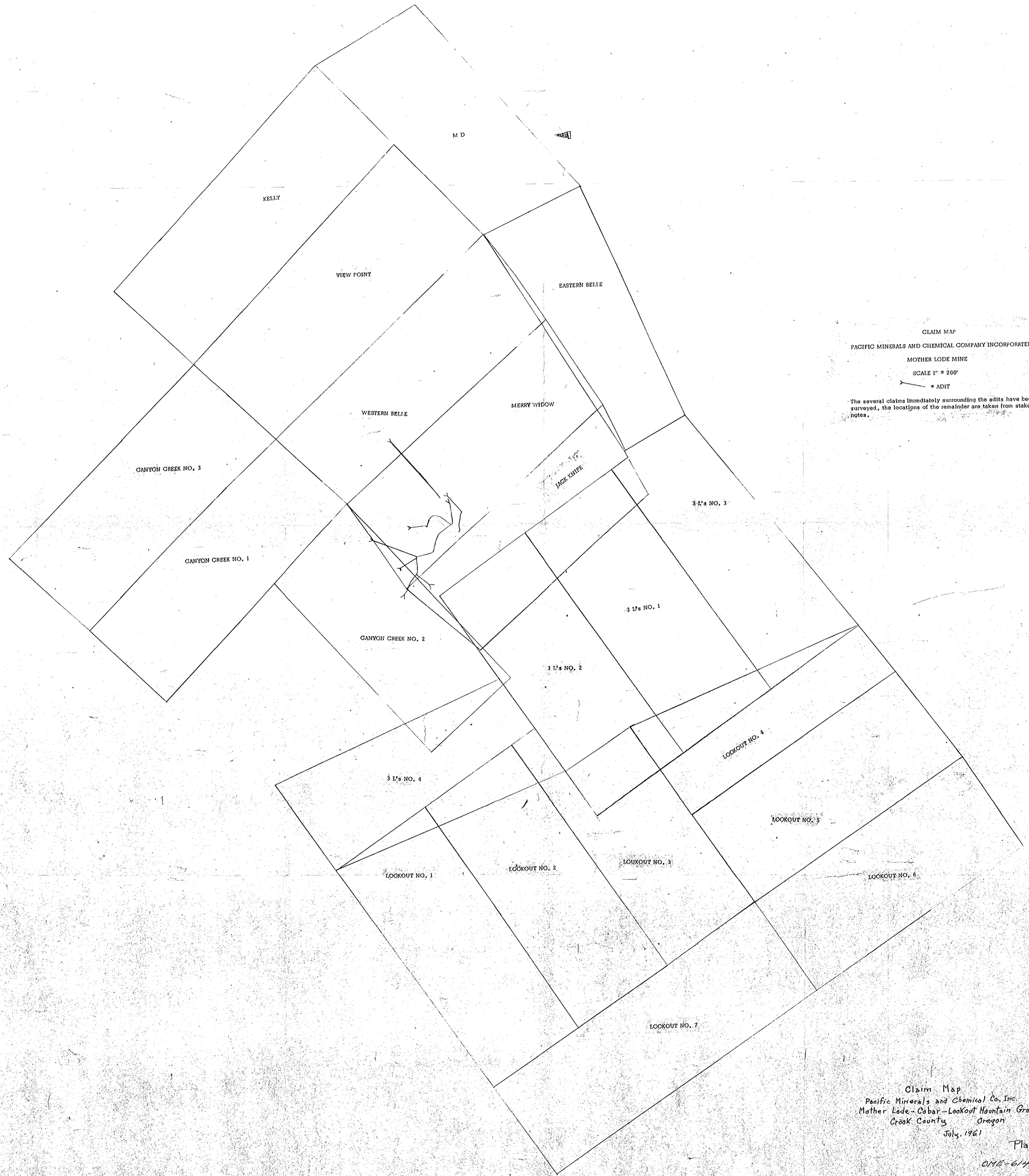
Surface Map
Showing
Main Pit, Wet Cut and Proposed
Exploration Program
Pacific Minerals and Chemical Co., Inc.
Crook County Oregon

July, 1961

Plate 2.

U.S. Department of the Interior

Office of Minerals Exploration
Application Report



CLAIM MAP

PACIFIC MINERALS AND CHEMICAL COMPANY INCORPORATED

MOTHER LODE MINE

SCALE 1" = 200'

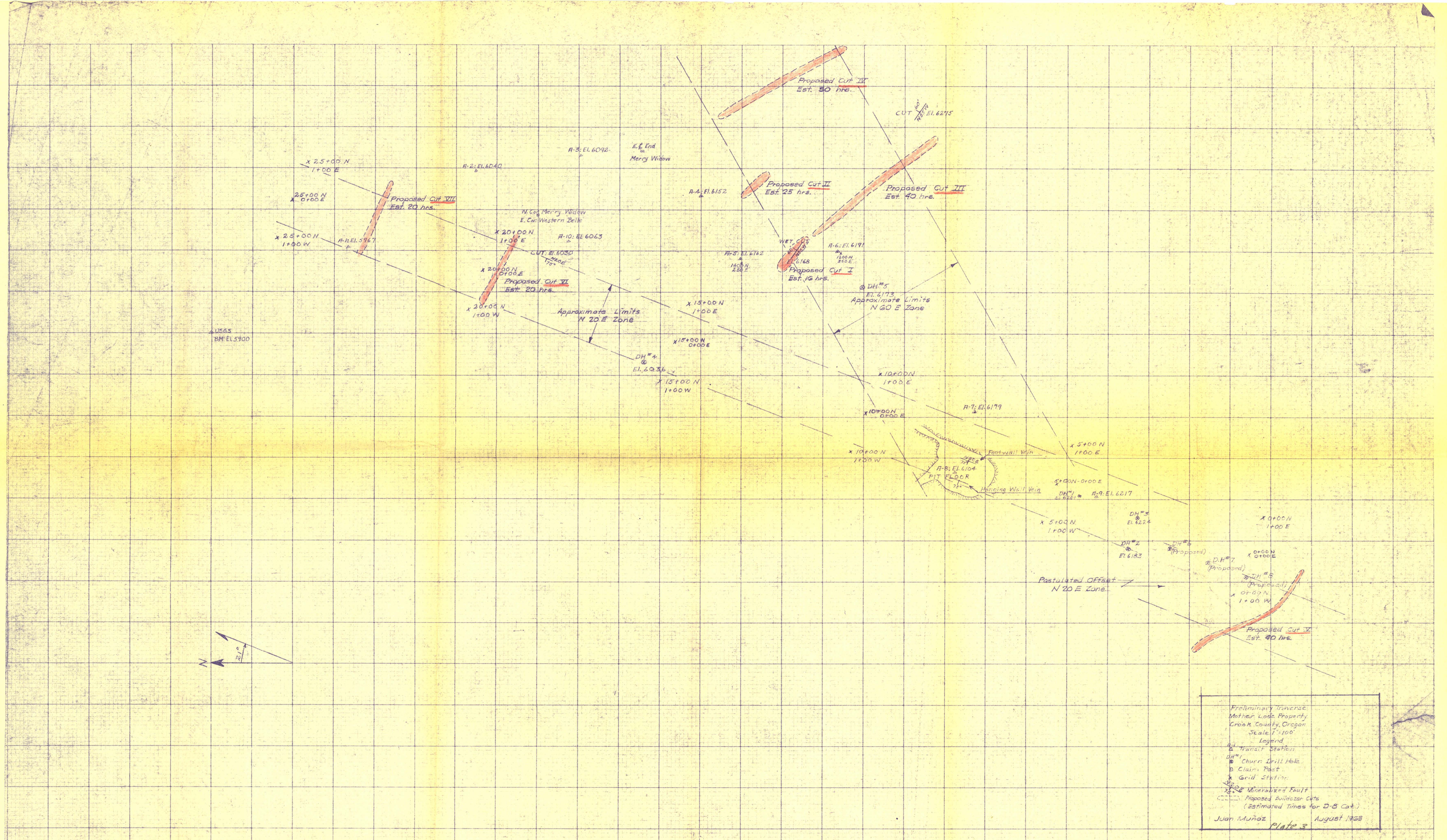
= ADIT

The several claims immediately surrounding the adits have been surveyed, the locations of the remainder are taken from stakers' notes.

Claim Map
Pacific Minerals and Chemical Co. Inc.
Mother Lode - Cabar - Lookout Mountain Groups
Crook County Oregon
July, 1961

Plate 1.

OME-6141



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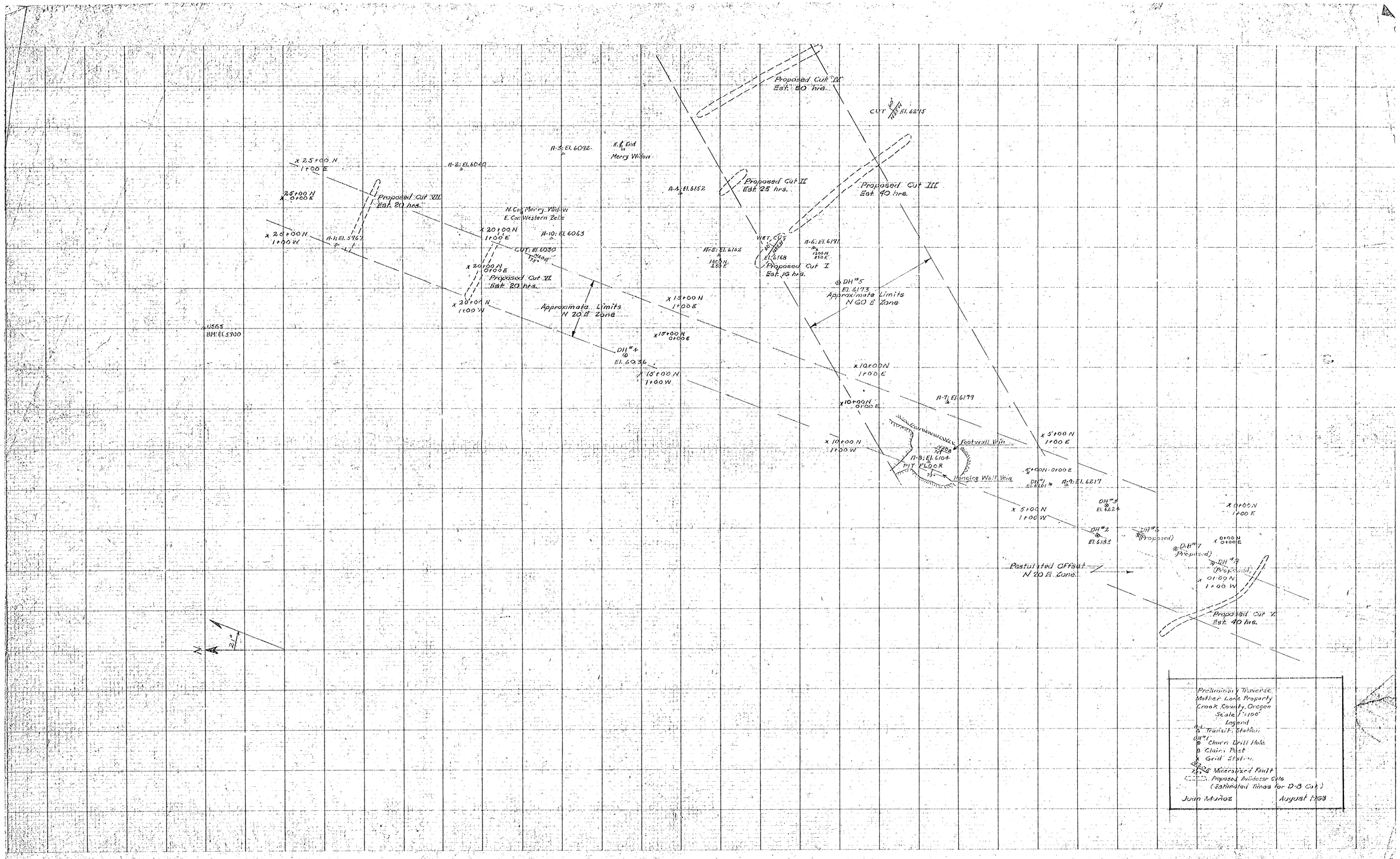

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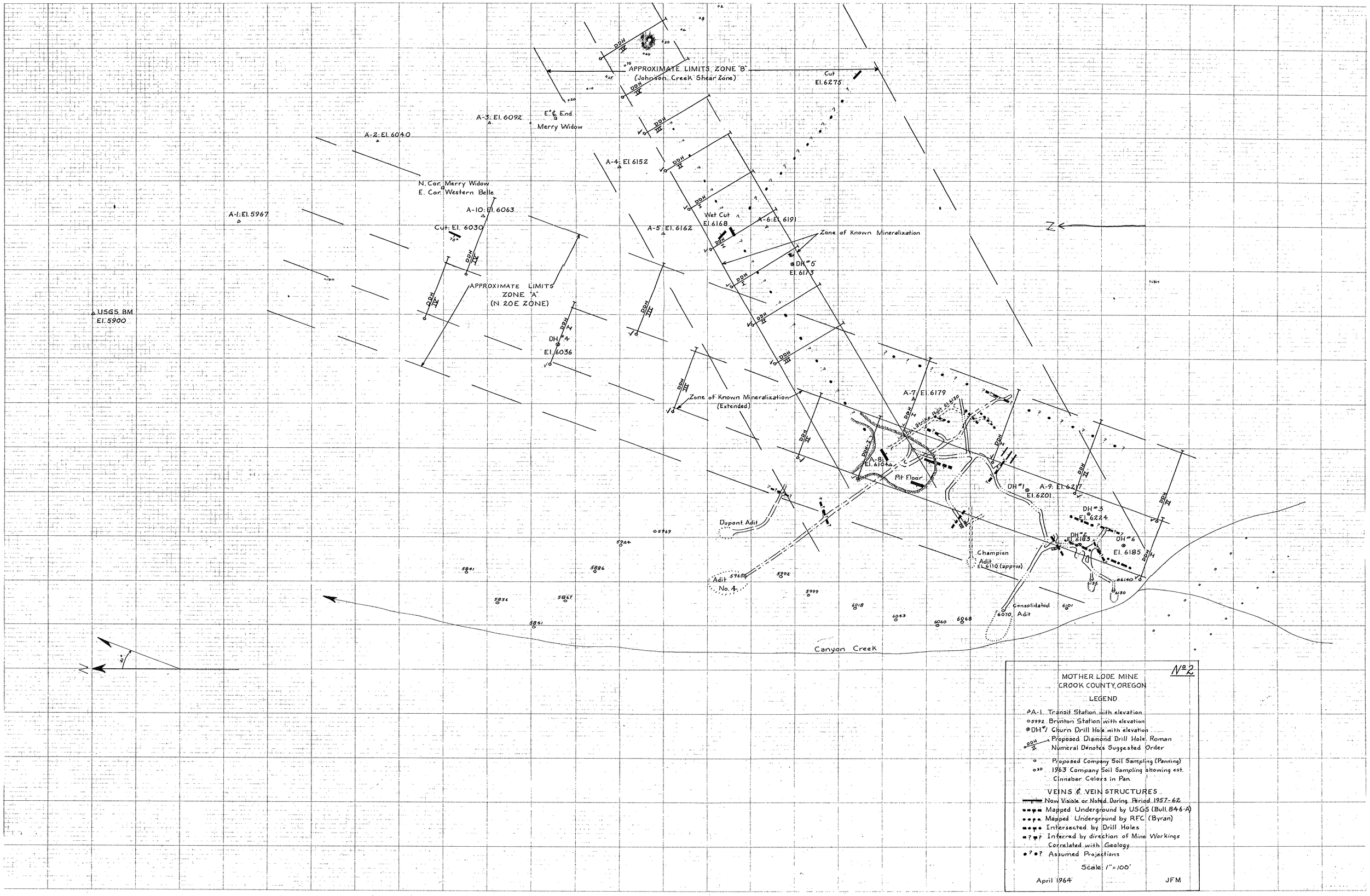

MOTHER LODE MINE
CROOK COUNTY, OREGON

№2

LEGEND

PA-1 Transit Station with elevation
o5992 Brunton Station with elevation
⊗DH #1 Churn Drill Hole with elevation
DDH I Proposed Diamond Drill Hole. Roman Numeral Denotes Suggested Order
o Proposed Company Soil Sampling (Panning)
o30 1963 Company Soil Sampling showing est. Cinnabar Colors in Pan

VEINS & VEIN STRUCTURES

Now Visible or Noted During Period 1957-62
Mapped Underground by USGS (Bull. 846-A)
Mapped Underground by RFC (Byran)
Intersected by Drill Holes
Inferred by direction of Mine Workings Correlated with Geology
Assumed Projections

Scale: 1" = 100'

April 1964 JFM

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KEUFFEL & ESSER CO.
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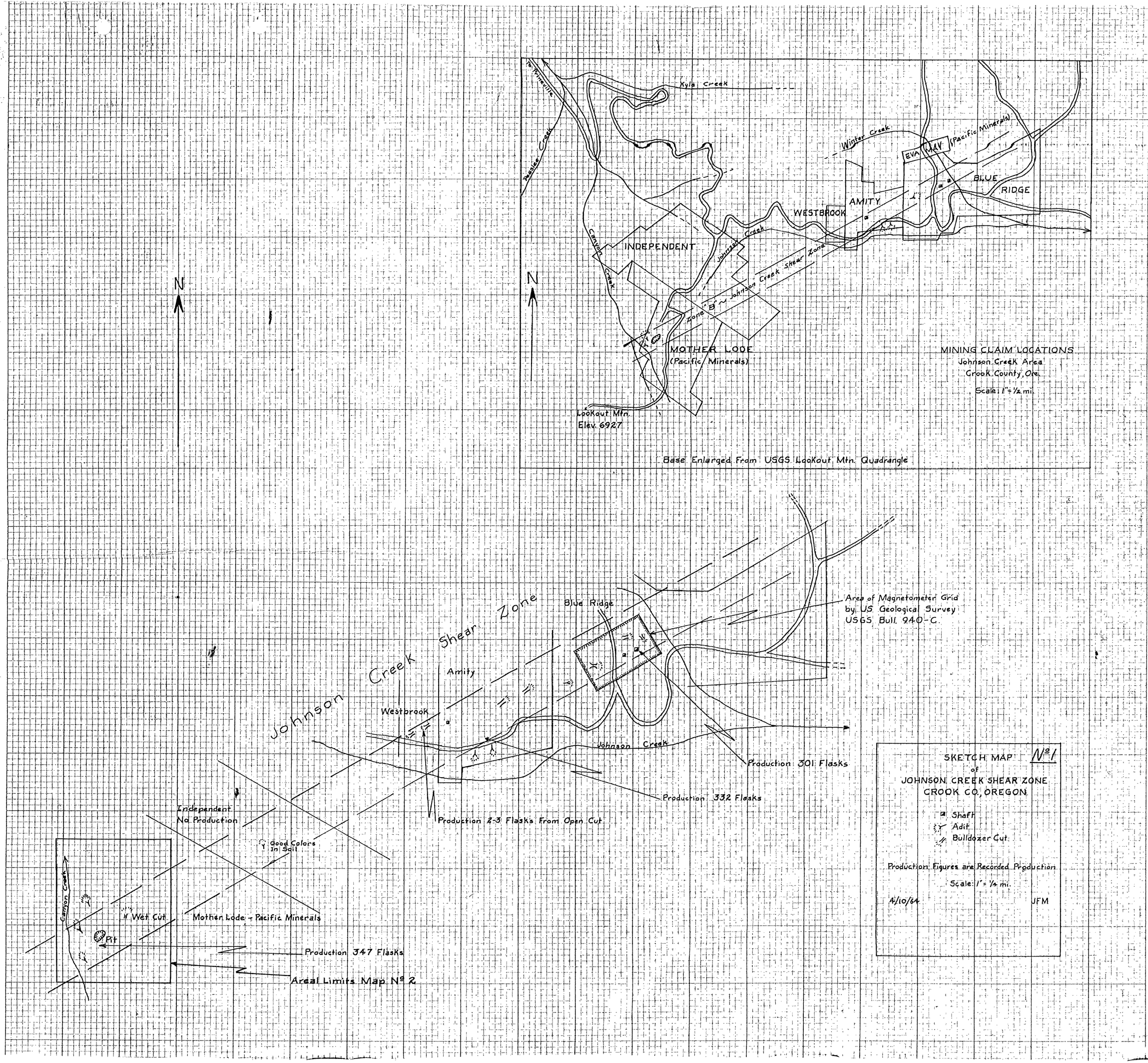
10 X 10 TO THE INCH



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