Docket No. DMEA-2633 (copper)

DOCKET COPY

(Amendment to Change Starting and/or Completion Dates)

AMENDMENT NO. 2

It is agreed this 6th day of August 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Mount Rainier Mining Company, a Washington corporation

each acting in consideration of the agreement to the other to the terms hereinafter set forth, that the Exploration Project Contract [illegible] dated August 6 1952 between the parties hereto be modified and amended to change the starting date from — (No. of days) to within — (No. of days) of the date of the contract and the completion period from 12 (No. of months) to 16 (No. of months) from the date of the contract. The effective date of this amendment shall be August 5, 1953.

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

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

Executed in sextuplicate the day and year first above written.

Mount Rainier Mining Company
(Operator)

By [signature]

THE UNITED STATES OF AMERICA

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

Docket No. [illegible]A-1608
Mount Rainier Mining Company
Exploration Project Contract [illegible]

Justification for Amendment No. 2

Heavy snowfall and a late spring in the Mount Rainier area have delayed the resumption of contract work. It has therefore been necessary to extend the contract for 4 months to provide sufficient time to complete the project.

Docket Copy

MT. RAINIER MINING COMPANY
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-1608X

AMENDMENT NO. 1

It is agreed between Mount Rainier Mining Company and the United States of America that Contract No. Idm-[illegible], Docket No. DMEA-1608X, dated August 4, 1952, is amended, effective August 4, 1952, as follows:

1. Delete from Exhibit "A", all provisions following the heading "Estimated Costs of the Project" and substitute the following:

Clearing and opening Tunnel No. [illegible] $1,500.00

Clearing and opening Tunnel No. [illegible] $1,500.00

Note: For the purpose of this contract, the work performed in each tunnel is a unit of work.

Total Estimated Cost of Project	$3,000.00
Government Participation [illegible]	$1,500.00

2. In the fourth line of Article 3 of the contract form, delete the words "6 months" and substitute therefor "12 months."

Dated December 30, 1952.

MT. RAINIER MINING COMPANY

By [illegible]

THE UNITED STATES OF AMERICA

By C. Mitteadorf
Administrator, Defense Mineral Exploration Administration

[illegible]

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 1.09

COMMODITY Copper and Molybdenum

Idm-E 383
Division Copy

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

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 4th day of August, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Mount Rainier Mining Company, a corporation of the State of Washington
1627 - 15th Avenue
Seattle 22, Washington

hereinafter called the "Operator," as follows:

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

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Washington, County of Pierce, described as follows:[3] Three patented mining claims covered by Mineral Survey No. 1148, and known as Snowflake lode, Peach lode, and Orinda lode. The claims are located in Glacier Basin, Mt. Rainier National Park, Washington. See Exhibit B, attached hereto and made a part hereof.

the Operator represents and undertakes:[4]

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

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

ARTICLE 3. *Exploration project.*—The Operator, within 10 days from the date of this contract shall commence work on a project of exploration for[5] Copper and Molybdenum

in or upon the described land; and shall bring the project to completion within a period of 6 months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 50 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $1,500.00, which is 50 percent of $3,000.00, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

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

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

x Correct as Described o

16—66329-1

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Mount Reinder Mining Company
(Operator)

By Ole Oakland

By C Mitchenor
Acting Administrator
Defense Minerals Exploration
Administration

I, Ole Oakland, certify that I am the Sec, Treas Mining Co secretary of the corporation named as Operator herein; that Chamber Pres, who signed this contract on behalf of the Operator, was then the Exploration of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Ole Oakland [CORPORATE SEAL]

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

EXPLORATION PROJECT CONTRACT
MT. RAINIER MINING CO.
DOCKET NO. DMRA-1608X

EXHIBIT "A"

Description of the Work

The purpose of this project is to determine whether copper mineralization is exposed in Tunnels No. 2 and No. 3 on the Snowflake Lode Patented Mining claim. These tunnels are inaccessible due to caving. In order to determine whether this mineralization is worth exploring, the two tunnels shall be cleared and opened their full length only to the extent of providing access to Government engineers for examination and such sampling as they may deem necessary. For this purpose, the tunnels must be made safe from caving ground, bad air and other hazards.

The work shall be subject to the approval of the Government.

Estimated Costs of the Project

Clearing and opening Tunnels No. 2 and No. 3	$3,000.00

Note: For the purposes of this contract, all the work described in this Exhibit "A" is defined as one unit of work.

Total Estimated Cost of Project	$3,000.00
Government Participation @ 50%	$1,500.00

This project is on a unit estimated cost basis of $3,000.00 and not on an actual cost basis.

* denotes allowable maximum

Exhibit B

MOUNT RAINIER MINING COMPANY

T. 16 N., R. 9 E., W.M.
Unsurveyed

MARY LODE
SUR. No. 1149

WASHINGTON No. 2 LODE
SUR. No. 1149

WASHINGTON No. 1 LODE
SUR. No. 1149

STRONGHOLD No. 2 LODE
SUR. No. 1149

STRONGHOLD No. 1 LODE
SUR. No. 1149

STATEMENT OF OFFICE WORK	
Amount Deposited	$100.00
Cost of Office work	45.36
Amount Refunded	54.64

S. 89°-54' E. 600
S. 87°-12' E. 605.5
S. 71°-25' E. 601.86
S. 68°-13'-30" E. 3033.11
S. 68°-45' E. 3699.7
S. 71°-14' E. 4037.38
To U.S.M.M. No. 1148
S. 89°-35' E.
To U.S.M.M. No. 1148
N. 87°-25' E. 3592.84
S. 68°-05' E. 1729.21
N. 30°-20' E. 1660.68
Log House

T. 16 N., R. 9 E., W.M.
Unsurveyed

(4-675)
660'
1.8-Acres
Purposed
Camp
Starbo
1009

PURPOSED LEASE
AS AMENDED TOTAL 16.3 ACRES

Inter Fork Creek

PEACH LODE
SUR. No. 1148

959
7.3 Acres
Purposed lease
1008

SNOWFLAKE LODE
SUR. No. 1148

REVEN LODE
SUR. No. 1148

ORINDA LODE
SUR. 1148

STATEMENT OF OFFICE WORK	
Amount Deposited	$80.00
Cost of Office Work	41.45
Amount Refunded	38.55

Exhibit B

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SEP 2 1952

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1608X

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	Gowen	Date	6/11/51
To:	Lyon	Date	9/27/51
To:	~~Johnson, C.H.~~	Date	2/14/52
To:	~~Nelson, N.E.~~	Date	
To:	~~Oper. Comm.~~	Date	2-18-52
To:	~~Mittendorf~~	Date	
To:	Mails & Files	Date	
To:	CODE 700-RM. 4645	Date	8-27-52
To:	Op Com	Date	7-28-53
To:	Oper Com.	Date	9-16-53
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

[X] Audited

[ ] Certified

W[illegible] ANALYSIS SHEET -- DMEA PROJECT

Analysis as of 12-2-54
Incl. Voucher for Oct., 1953

[ ] Actual Cost

[X] Agreed Unit Costs

Name Mount Rainier Mining Co.

Docket No. 1608

State Washington

Commodity Copper + Molybdenum

Idm-E No. 383

OPERATION	AUTHORIZED		COMPLETED		NET COST
	Units	Cost	Units	Cost	
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation		3000.00		3000.00	3000.00
New Building, Improvements, etc.					
Other (Specify)					
Totals		3000.00		3000.00	3000.00

Prepared by Michael Ching

So. 157 Howard Street
Spokane 4, Washington

March 9, 1955

Mr. Ole Oakland, President
Mount Rainier Mining Company, Inc.
7551 Dibble
Seattle, Washington

Re: Docket No. DMEA-1608 (copper)
Mount Rainier Mining Company
Pierce County, Washington
Contract No. Idm-2383 (Completed)

Dear Mr. Oakland:

In reply to your letter of February 16, 1955, since the contract is concluded and the Government did not certify that a discovery was made on the Mount Rainier property, there is no obligation for you to repay the $1,500.00 which was the amount contributed by the Government for the work completed under DMEA Contract No. Idm-2383.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

cc: DMEA (2)
USBM (2)
USBM(AD)
Puffett

Surname 700

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

DEC 20 1954

Ching
Ellis
Guhon
Kulogoski
Selfridge
Fitzsimon

Mr. Ole Oakland, President
Mount Rainier Mining Co., Inc.
7551 Dibble Avenue, N. W.
Seattle 7, Washington

Re: Docket No. DMEA-1608 (Copper)
Contract No. Idm-1383
Starbo Mine
Pierce County, Washington

Dear Mr. Oakland:

Reference is made to your letter of November 29, 1954, requesting the assay results of samples taken by Government engineers on the subject property.

While we do not usually make such data available to the general public, we have no objection in your case since the sampling and assaying was made possible by the captioned DMEA project, in which you participated.

Four samples were taken from the back of the old stope in Tunnel No. 2. These samples were taken at irregular intervals over a distance of approximately 70 feet along the length of the stope. The results were as follows:

Sample	Ft. Thickness	Oz. Gold	Oz. Silver	% Copper
343	0.4	0.02	1.5	2.02
342	1.0	0.01	0.6	0.15
341	3.0	0.00	0.1	0.50
340	0.4	0.07	3.9	11.84

In Tunnel No. 3 two samples were taken from the back of the stope nearest the portal and five from the back of the other stope. The results were as follows:

Sample	Ft. Thickness	Oz. Gold	Oz. Silver	% Copper
220	0.2	0.01	3.3	13.30
221	0.7	0.00	2.4	8.75
205A	0.6	0.07	4.9	14.92
203A	1.2	0.02	2.4	3.79
204A	0.5	0.07	5.5	13.40
206A	2.0	0.03	4.0	9.61
207A	0.6	0.00	1.2	2.63

RCK

We regret that we are unable to supply you with a sample of pitchblende ore as requested, but trust that the above assay results will otherwise satisfy your requirements.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

MChing:am
12-16-54
cc to: Admr. Reading File
Docket
Messrs. C. H. Johnson, Rm. 3621
T. H. Kiilsgaard, Rm. 5224
Mr. Ching
Code 700
DMEAField Team, Region II(2)

D. M. E. A. 12/7/54 gla

MOUNT RAINIER MINING CO.,INC.
7551 Dibble N.W.,Seattle, Wn.
(tempory address)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 6 1954

November 29, 1954

Defense Minerals Exploration Administration,
Department of the Interoir,
Washington 25, D.C.

Dear Sirs;

In August, 1954 we wrote to Mr. E.A.Magill, DMEA Dept. of the Interior, Spokane, Washington and he suggested we write to you for the information we desire. Our letter was answered by W.G.Agnew.

Could we have the assay results of samples taken by the government engineers on the D.E.M.A. project"Docket No. 1608, Mount Rainier Mining Co., Inc., Pierce County, Washington, Contract No. Idm-E383? These assays were taken under the direction of the Geologist Willard Puffet, one on Sept. 8,1952 and one on Oct.24, 1953.

We would also like a sample of pitchblend ore. We have assay reports showing minerals necessary to urainum, such as cobalt and thoriumn,

Thanking you for you cooperation,

yours truly,

Bob Oakland, President

Helena Hunt, Sec. & Trea

MOUNT RAINIER MINING CO.,INC.
7551 Dibble N.W.,Seattle, Wn.
(temp. address)

BUREAU OF MINES
WASHINGTON, D. C.

DEC 6 3 20 PM '54

XXXXXXXXXXXXXXXXX
So. 157 Howard Street
Spokane 4, Washington

September 14, 1954

Mr. Ole Oakland
Mount Rainier Mining Company, Inc.
7551 Dibble Avenue, N. W.
Seattle 7, Washington

Re: Docket No. DMEA 1608 (copper)
Mt. Rainier Mining Company
Pierce County, Washington
Contract No. Idm-7383

Dear Mr. Oakland:

We have your letter of August 27, 1954, requesting the assay results on samples taken by our field examiners when they last visited your property on October 23, 1953. As Mr. Agnew has informed you in his answer of September 9, 1954, to the letter you wrote Mr. Magill, we are not authorized to make these data available without prior permission from our Washington office.

Insofar as your obtaining a review of the original application you made to explore your property, we are not able to lend you much encouragement. The contract which was awarded you for assistance in clearing out Tunnels 2 and 3 for examination and sampling was, in effect, an attempt to determine if your proposal for a much expanded program was justified. The relatively negative results obtained by the completed project discouraged us from giving favorable consideration to your original proposal.

It is interesting to note that you have found radioactive minerals on your property. We would greatly appreciate your sending us a sample of some of the higher-grade radioactive material you have found. Should it be found that the samples show promising amounts of radioactivity, in all probability an examination of your property will be made to learn more about the occurrence of the radioactive material.

Yours very truly,

John A. Vhay
For: A. F. Weisenborn
Executive Officer, DMEA
Field Team, Region III

cc: USBM (2)
DMEA (2)
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
September 9, 1954

Mr. Ole Oakland
Mount Rainier Mining Co., Inc.
7551 Dibble Ave., N.W.
Seattle 7, Washington

Re: Docket No. DMEA 1608 (copper)
Mt. Rainier Mining Company
Pierce County, Washington
Contract No. Idm-E383

Dear Mr. Oakland:

Your letter of August 21, 1954 to Mr. E. A. Magill has been referred to this office for a reply.

The assay results of samples taken by Government engineers on DMEA projects are confidential and are not released to the Operator or general public. If you should make your request direct to the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., and this agency authorizes us to release these assay results to you, we shall be glad to do so.

Concerning your request for a sample of pitchblende ore, this office does not have specimens of this type of ore on hand.

Sincerely yours,

Wing G. Agnew
Member, DMEA Field Team
Region II

cc: DMEA, Wash. (2)
USGS (2)

The following is a copy of a note to Mr. Magill from Mr. Oakland which Mr. Oakland left at Magill's office in Seattle.

- - - - - - - - - - - -

C O P Y

August 21, 1954

Hi Mr. McGill:

Is there any information one could get as to the assays the DMEA got on the samples they took out both in No. 2 and No. 3 tunnels.

We have assays some taken last Fall of 2.65% copper in tunnel 3 on the 13 foot cave in but we have also molybdenum tests there but low tests on that ore but we have cobalt, thorium, aluminum and titanium on assays taken tho they are on the other groups of claims consisting of 5 claims.

The ore bodys of this has not been tested out but now those mineral seems valuable - I have been up 4 weeks ago with Geiger Counter but to much snow then will go again in couple weeks to try for pitchblend have you a sample you could let me have just to compare with would appreciate it.

As Mr. Weissenborn in Spokane did not incourage me to try for a loan to develope these under this Administration as the main aim was to balance the budget I have delayed all work on it it takes capital with your advise and cooperation I would feel better.

Yours truly,

Ole Oakland
for Mt R M Co. INC.
7551 Dibble Ave N W
Seattle 7

700

DOCKET
SURNAME

Ching
Ellis
Chamlee

MAR 5 1954

Mr. Ole Oakland
Mount Rainier Mining Company
1627 - 15th Avenue
Seattle 22, Washington

Re: Docket No. DMEA-3608
(Copper and Molybdenum)
Contract No. Ida-536
Stache Mine
Pierce County, Washington

Dear Mr. Oakland:

This is with reference to the subject Exploration Contract between you and the Government.

The final report of review of the contract expenditures and the final report of the Field Team have been received and accepted by this Administration. The Operator's final report is hereby waived. The total amount of $3,000.00 approved under the contract was expended, 50 percent of which, or $1,500.00, represented the Government's share. There were no unused materials, supplies, or equipment to be disposed of for the joint account of the Operator and the Government. The exploration work was completed in a satisfactory manner.

Because the results of the exploration were unfavorable, it is not our intention to make a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Article 5 (d) of the Contract which requires the Operator to "keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract".

Your interest in the Exploration Program of the Defense Minerals Exploration Administration and your willingness to participate therein are appreciated.

Sincerely yours,

C. O. Mittendorf (fwd)

Administrator

MChing/foc 3-3-54
cc to: Adm. Reading File
Operating Comm.
Docket
Messrs. CWJohnson, Rm. 3621
ARKinkel, Rm. B242A GSA
Code 700
Mr. Ching
DMEA Field Team, Reg. II

R.F.
3

DOCKET COPY

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

March 3, 1954

PROJECT SUMMARY REPORT

1. Docket No. DMEA-1608 (Copper and Molybdenum)
Contract No. Idm-E383
Property : Starbo Mine, Pierce County, Washington

Operator: Mount Rainier Mining Company
1627 - 15th Avenue
Seattle 22, Washington

Operator's Property Rights -

Owner of three patented mining claims covered by Mineral Survey No.1148

2. Contract dated August 4, 1952

Work authorized; as modified by Amendment No. 1

Clearing and opening Tunnel No. 2	$1,500.00
Clearing and opening Tunnel No. 3	1,500.00
Total estimated cost	$3,000.00
Government participation @ 50%	1,500.00

Amendments:

No. 1, dated December 30, 1952 extends completion period from 6 months to 12 months and separates costs applicable to each tunnel.
No. 2, dated August 6, 1953 extends completion period from 12 months to 16 months.

Work completed:

a) Tunnel No. 2 rehabilitated sufficiently for access and examination for distance of 255 feet $1,500.00

b) Tunnel No. 3 opened up and ventilated, permitting access and examination for a distance of 490 feet 1,500.00

Total cost	$3,000.00
Government participation @ 50%	1,500.00

The work was begun in August, 1952 and completed October 23, 1953.

3. Audit - Report of Review, dated 11-20-53

Total cost as billed by contractor	$3,000.00
Salvage proceeds or exceptions	0
Total Accepted Cost	$3,000.00
Government participation @ 50%	1,500.00

4. Certification - None

5. Comments -

The project was conducted rather inefficiently and, as a result, the comparatively minor operation required two summer seasons to complete. The Operator showed very little knowledge of mining operations and furnished no worthwhile engineering and geological reports.

The object of the project was to rehabilitate Tunnels Nos. 2 and 3 on the Snowflake claim of the Starbo mine, sufficiently to make them safe for access and examination. Thereafter, Government engineers were to examine and sample the workings to determine if commercial quantities of copper ore were present.

The examination disclosed a very narrow mineralized vein in andesite that had been partially developed on the two tunnel levels, which were 130 feet apart. An ore shoot about 80 feet long was indicated which appeared to be continuous between the two levels. Samples taken on both levels were across an average vein width of 0.74 feet and averaged 4.85% copper, 0.058 ounces of gold and 1.79 ounces of silver per ton of ore. Samples were taken only where there were evidences of mineralization, consequently, these assays represent the maximum values to be found in the vein. The field examiners estimated total ore reserves as 1,000 tons averaging 4.25% copper, 0.063 ounces of gold and 1.59 ounces of silver. The vein was considered too narrow to be mined economically and a certification of discovery or development was not recommended by the Field Team.

A larger stope above Tunnel No. 2 and two smaller stopes above Tunnel No. 3 indicate that some mining had taken place in the past, but complete records of such production were not available. The structural features exposed by the old workings do not encourage further exploration work and future possibilities of the property appear quite limited.

Michael Ching

Michael Ching

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

February 18, 1954

Memorandum

To: W. R. Griswold, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA 1608X (Copper), Mt. Ranier Mining Company, Pierce County, Washington - Contract Idm-E383

I have reviewed the final report on this project by Magill and Puffett, dated January 14, 1954, recommending no certification be made. The Field Team in transmitting the report February 5, 1954, concurs in the recommendation.

The report is a very good one, and the information presented, in my opinion, supports the recommendation. The oreshoot is so small and so narrow that it could not be worked economically under any foreseeable conditions.

C. H. Johnson

C. H. Johnson

Copy to - Mr. Kinkel, GSA
Minerals Division
C. H. Johnson
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1954

February 5, 1954

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

Re: Docket No. DMEA-1608X (Copper-Molybdenum)
Mount Rainier Mining Company
Pierce County, Washington
Contract No. Idm-E383

Dear Mr. Selfridge:

Enclosed are four copies of a final Field Team report on the referenced property.

Very little work was completed on this project. The Nos. 2 and 3 tunnels were made accessible for mapping and sampling. Sample returns indicate that an oreshoot may extend between the 2 and 3 levels but the width of the vein is so narrow and the grade of ore minerals so low that material from this area should not be considered as ore.

The Field Team recommends that no Certification of Discovery be issued for DMEA project work done on this property.

By Field Team, Region II

A. E. Weissenborn

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

Wing G. Agnew, Acting Member
U. S. Bureau of Mines

Enclosure
cc: Certifying Officer
USBM (2)
Puffett

Reviewed by
DMEA OPERATING COMMITTEE
2-15-54
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1954

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION II

FINAL REPORT

Contract No. Idm-E383

by

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

Willard P. Puffett
Geologist
U. S. Geological Survey

MOUNT RAINIER MINING COMPANY
1627 - 15th Avenue
Seattle 22, Washington

Docket No.:	DMEA-1608X
Commodity:	Copper-Molybdenum
Contract date:	August 4, 1952
Completion date:	October 23, 1953

STARBO MINE
Mt. Rainier National Park
Pierce County, Washington

Reviewed by
DMEA OPERATING COMMITTEE
2-15-54
(date)

Spokane, Washington

January 14, 1954

FINAL REPORT

FINAL REPORT

MOUNT RAINIER MINING COMPANY
Starbo Mine
Mt. Rainier National Park
Pierce County, Washington

Contract No. Idm-E383

* * * * *

INTRODUCTION

This report describes rehabilitation at the Starbo mine, Glacier Basin, Mt. Rainier National Park, Pierce County, Washington, which was participated in jointly by the Mount Rainier Mining Company and the Government, acting through the Defense Minerals Exploration Administration.

Authorship

Sections of this report on property and expenditures were written by E. A. Magill, Bureau of Mines. Geology was written by W. P. Puffett, Geological Survey. All other sections were authored jointly.

Summary

A $3,000 exploration project contract was entered into with the Mount Rainier Mining Company to determine if commercial quantities of copper ore are exposed in Tunnels 2 and 3 on the Snowflake claim of the Starbo mine. The work was to consist solely of rehabilitating these two tunnels sufficiently to make them safe for access and examination. Work under the contract began in August 1952 and was completed October 23, 1953.

Examination of these two tunnels disclosed a very narrow mineralized vein in andesite that had been partially developed on both levels. There is indicated an oreshoot about 80 feet long that appears to be continuous between the two levels. The vein attains a maximum width of 3 feet and sampling showed a maximum grade of 5.5 ounces per ton of silver and 14.92 percent copper.

Samples taken on both levels indicate an oreshoot 80 feet long, 0.7 feet wide, averaging 0.053 ounces per ton of gold, 1.79 ounces per ton of silver, and 4.85 percent copper. It is extremely doubtful if the grade of ore within the oreshoot will be as high as the samples indicate. This vein is considered to be too narrow to be minable. No other significant indications of ore were found in the two tunnels.

Recommendations

The project was unsuccessful in disclosing a minable oreshoot and it is recommended that no Certification of Discovery or Development be declared. Government participation in further exploration is not warranted. From the narrow vein, production is not economically feasible under present conditions.

LOCATION AND ACCESSIBILITY

The property of the Mount Rainier Mining Company is in unsurveyed T. 16 N., R. 9 E., W. M., Pierce County, Washington, and is in Glacier Basin, near St. Elmo Pass, in the north central part of Mt. Rainier National Park. A bulldozer road 3 miles long connects the lower part of the property with the White River Campground, which is connected by a graveled road to the paved Yakima Park highway. Altitudes in the vicinity of the various claims range from 6,000 to 7,500 feet. Climate is typical of the central Cascades with heavy precipitation generally and heavy snows throughout at least 6 months of the year.

PROPERTY

The property involved in the exploration project consists of three patented lode mining claims -- the Snowflake, Peach, and Orinda. All work done under the exploration project contract was on the Snowflake lode claim. These claims are covered by Mineral Survey No. 1148.

There are three adits on the property -- Nos. 2, 3, and 5. Adit No. 2 is at an elevation of 6,540 feet and has a length of 255 feet. Adit No. 3 is at an elevation of 6,410 feet and is 490 feet in length. Adit No. 5 was started at an elevation of about 6,100 feet and was planned to crosscut the vein at depth. It is now caved about 60 feet from the portal. These adits are designated hereafter as tunnels to conform with terminology of previous reports. For the most part, the workings are heavily timbered, especially for several hundred feet in from the portals. It was necessary to use spilling near the portals.

Ventilation was a problem in the No. 3 tunnel and artificial ventilation was necessary to provide sufficient oxygen for access.

The No. 3 tunnel makes an estimated 100 gallons of water per minute. No. 2 tunnel is relatively dry.

A small cabin is the only mining facility on the property.

History of Property

The following notes on history of the property are taken from a report prepared in February 1951 by A. E. Weissenborn and J. W. Hosterman, Geological Survey, for the National Park Service:

"The claims belonging to the Mount Rainier Mining Company were located prior to 1906. The property originally consisted of 41 unpatented mining claims. In July 1912, all but eight of those mineral locations were relinquished; on January 12, 1924, patent was granted on the Washington No. 1, Washington No. 2, Stronghold No. 1, Stronghold No. 2, Mary, Orinda, Peach, and Snowflake Lodes, which together comprise a total area of 164.837 acres. In addition, the company in the past has enjoyed special-use permits for small tracts of land for tunnel, mill, and campsites.

"In the past, much of the company's efforts apparently have gone into building and maintaining a road within the Mt. Rainier National Park and improving and maintaining the road to Enumclaw prior to the construction of the present paved highway. In addition, at least five exploration tunnels of varying lengths were driven and numerous prospect pits were dug. Camp buildings, living quarters, and mine plant buildings were constructed; a power plant was built; and various other improvements were made. An aerial tramway was reported to have been constructed from one of the exploration tunnels on the Snowflake Lode to a point near the Starbo campsite. All of the buildings are either in ruins or in very bad condition.

"The company was inactive after November 1930, due to legal difficulties. In 1932 the claims were obtained at the sheriff's sale for $500.00, by Mr. Thomas E. Englehorn of Churches Ferry, North Dakota. The company was reorganized by some of the original stockholders, and on July 9, 1946, a quit claim deed from the estate of Thomas E. Englehorn conveyed the eight claims to the Mount Rainier Mining Company for the sum of $500.00.

"The only recorded production from the property is reported in a prospectus of the Mount Rainier Mining Company dated August 1948, which indicates that on October 22, 1927, a shipment of 47.374 net tons of ore averaging 13.5 percent copper, 2.38 ounces per ton of silver, and 0.03 ounces per ton of gold, was made to the Tacoma Smelter of the American Smelting and Refining Company."

Recent activity at the property commenced in 1952 when the road from White River Campground was partially reconstructed just prior to the granting of the DMEA Exploration Project Contract.

THE PROJECT

In 1927 a shipment of ore from the Starbo mine, reportedly produced from Tunnels Nos. 2 and 3, assayed 13.50 percent copper, 2.38 ounces per ton of silver, and 0.03 ounce per ton of gold. Records of assays of samples taken in 1917 indicated copper values from 6.2 to 29.9 percent copper. On the dumps at the portals of Tunnels 2 and 3 are specimens of rock containing substantial percentages of copper. Because of these facts, it was thought that a project to rehabilitate Tunnels 2 and 3 so as to open the veins from which the ore was produced was justifiable and necessary, to determine whether this property merited a more ambitious exploration and development program.

The applicant originally outlined a program that included reopening Tunnels 2 and 3, erecting an aerial tram from the tunnels to the road and doing some diamond drilling to test for molybdenum at another location on his property. Because available evidence did not justify such an expanded program of exploration, the proposed project was modified to include only the rehabilitation of Tunnels 2 and 3. A unit cost project contract was awarded the applicant wherein rehabilitation of both tunnels consisted of one unit of work.

The contract became effective on August 4, 1952. The property was visited by DMEA field men on September 8, 1952, at which time it was found that Tunnel No. 2 had been rehabilitated sufficiently for access and examination. A caved area, 79 feet from the portal of Tunnel No. 3, prevented further examination of these workings on that date. On October 2, 1952, another examination by DMEA personnel found that, although an opening had been made through the caved area in Tunnel No. 3, the air in the workings a few feet beyond this opening contained insufficient oxygen to sustain flame in a lantern and thus the workings were not safe for examination. DMEA personnel revisited the property on October 25, 1952, September 2, 1953, and October 23, 1953. It was not until the

last visit, after the Operator had installed a small exhaust fan driven by a one-cylinder gasoline engine, that oxygen content was sufficient to permit the examination of Tunnel No. 3.

Amendment No. 1 was prepared on December 30, 1952, which allowed the Operator reimbursement for his share of half the original unit cost, and which extended contract time from 6 to 12 months. Amendment No. 2 was prepared on August 6, 1953, to permit an extension of contract time from 12 to 16 months. The project was completed on October 23, 1953.

GEOLOGY

The areal geology of the Mt. Rainier National Park has been mapped by Mr. Howard A. Coombs[1]. According to Coombs, carbonaceous argillites of the Puget Group of lower Tertiary age are the oldest rocks in the Park and are exposed in the valley of the Carbon River outside of the area examined. These argillites are overlain by massive tuffs, breccias, and porphyries of andesitic composition that are correlated with the Keechelus andesitic series of Miocene (?) age. Andesite flows, felsites, basalts, hornfels, and sediments occur in the series as subordinate types. The Keechelus andesitic series has been intruded by the Snoqualmie granodiorite of late Miocene (?) age, and in the vicinity of the contact, the Keechelus andesitic series has been indurated and altered. The Mt. Rainier Volcanics unconformably overlie the Keechelus andesitic series and, except for the glaciofluviatile deposits, are the youngest rocks in the Park. The Mt. Rainier volcanics are principally flows of hypersthene andesite with subordinate flows of pyroxene andesite, basalt, and beds of pyroclastics.

Glaciers occupy the higher parts of Mt. Rainier and, in places, extend far down the slopes. Glaciofluviatile deposits occupy many of the lower valleys.

Coombs describes the geology in the vicinity of the property of the Mount Rainier Mining Company as follows: "In Glacier Basin between the Emmons and Winthrop Glaciers, the Keechelus tuffs and porphyries have been invaded by granodiorite. The old Starbo mining camp has its tunnels immediately above the contact, where an attempt was made to mine the sulfide seams in the narrow joints of the tuffs and porphyries. This massive, indurated, and altered series continues upward to the base of Mt. Ruth where it is overlain by the lavas of Mt. Rainier."

Tunnels 2 and 3 are at elevations 6,540 and 6,410 feet, respectively, and are driven southward in the Keechelus andesitic formation whose upper contact is at approximately 7,000 feet in

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[1] Coombs, Howard A., Geology of the Mount Rainier National Park, University of Washington Publications in Geology, Vol. 3, No. 2, pp. 131-2.2, 1936.

the vicinity of the workings. The rock exposed in both tunnels is fine-grained, gray andesite. No evidence of intrusives was seen in these workings. The accompanying map shows the outline of the workings as well as structural and other geologic features that were exposed in the heavily timbered workings.

Tunnel No. 2 was driven following a narrow, mineralized fault structure that strikes S. 10°-20° W. and dips very steeply to the west. Where exposed, this structure consists of markedly bleached and altered andesite, containing crystals of black tourmaline, relatively massive chalcopyrite, and minor pyrite. A few narrow faults, which do not offset the vein significant distances, are crosscut by the tunnel. Some chalcopyrite, pyrite, and tourmaline occur in one of the crosscutting faults near the west end of a short crosscut to the west from the main tunnel.

Eighty-two feet from the portal of Tunnel No. 2 there is a stope 80 feet long extending to a maximum height of 27 feet above sill level. As exposed in the top and ends of the stope the vein ranges in width from 4 inches to 1 foot, although the general bleached and altered area bounding the structure extends to a width of 3 feet in some places. Assays obtained from sampling the vein exposed in the stope ranged in value from 0.15 to 11.84 percent copper. Maximum silver content was 3.9 ounces per ton.

In the No. 2 tunnel, south of the stoped area, the vein is a maximum of 6 inches thick and thins markedly southward. There are some copper minerals and much brown iron staining present.

In Tunnel No. 3 there are two small stoped areas. In these stopes are the only visible copper-mineralized areas of the vein structure that were seen. Characteristics of this vein are identical to the mineralized structure in Tunnel No. 2 and probably represent its downward extension. Near the south end of Tunnel 3 the andesite is considerably jointed and broken and on some of the joint surfaces there occurs considerable crystalline pyrite. Along the tunnel at several locations occur green-stained (copper) drips, but no significant quantities of copper minerals were seen near these drips.

As is shown on the accompanying section map, there is indicated a continuous oreshoot through the two tunnels. The basis for the belief in the existence of this oreshoot is the comparable locations of the stoped areas on the two levels. Samples taken in the stopes above Tunnel 2 indicate an oreshoot 80 feet long, 1.2 feet wide, with an average value of 0.096 ounce per ton of gold, 0.64 ounce per ton of silver, and 1.33 percent copper. Samples from the north stope above Tunnel 3 indicate an oreshoot averaging 0.45 foot in width, containing less than 0.01 ounce per ton of gold, 2.6 ounces per ton of silver, and 9.7 percent copper. Samples taken in the south stope above Tunnel 3 indicate an oreshoot 0.58-foot wide, containing 0.032 ounce per ton of gold, 3.53 ounces per ton

of silver, and 8.36 percent copper. Weighted average of all samples taken in the stopes is 0.058 ounce per ton gold, 1.79 ounces per ton silver, and 4.85 percent copper over an average width of 0.74 foot. It is emphasized that the samples were taken only where evidences of ore mineralization were observed and that intervening areas of the vein between sample locations are relatively barren of ore sulfides. Thus, these assay values are an indication of the maximum values to be found in the vein.

With the above figures as a basis, and using a tonnage factor of 12 cubic feet per ton, the following mineralized blocks have been calculated:

Block No.	Length (ft.)	Height (ft.)	Width (ft.)	Tons	Oz./ton Au.	Oz./ton Ag.	Percent Cu.
I	80	40	1.2	320	0.096	0.64	1.33
II	80	100	0.74	493	0.058	1.79	4.85
III	80	40	0.51	136	0.001	3.12	8.94
Total tons	956 — say 1,000 averaging				0.071	1.36	3.54

Block I is the extension of the oreshoot above the upper stope, Block II is the unmined area between the two tunnels, and Block III is the extension of the oreshoot below Tunnel 3.

An inspection of the above figures shows that, although the vein does contain significant amounts of copper, the width of the mineralized areas is too narrow to justify their being considered ore.

Summary of Factual Data

The exploration project between the Government and the Mount Rainier Mining Company was entered into on the "short form" contract, i.e., on a unit estimated cost basis of $3,000 and not on an actual cost basis. Originally, the contract was for a lump sum of $3,000 for clearing and opening Tunnels Nos. 2 and 3. Amendment No. 1 dated December 30, 1952, allowed the work on Tunnels Nos. 2 and 3 to be considered as separate unit cost items. This allowed the Operator to be paid for the work of opening No. 2 tunnel rather than wait until the whole project was completed before receiving any payment.

The total cost of the project was $3,000, the Government's share being $1,500. There was no equipment purchased for the project.

There was no production from the property during the contract. No work is being carried out at the property at the present time.

Discussion of Conclusions

The major difficulty encountered during the project was the oxygen-deficient air in Tunnel 3. It was only after artificial ventilation was provided that the workings could be examined.

In general, the project was carried out inefficiently and at no time during the project was there anyone connected with the Mount Rainier Mining Company who displayed any special knowledge of mining. The contract work as planned should have been completed under ordinary conditions within a month or 6 weeks; however, it took the Operator 2 summer seasons to complete the work.

The project was successful in making Tunnels 2 and 3 accessible for examination.

Although there is a small narrow oreshoot exposed, the rather extensive workings have failed to disclose an ore body that could be considered economic. No features were observed that would indicate the structure was worthy of further exploration under present conditions.

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

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

November 18, 1953

Mr. Ole Oakland, President
Mt. Palmer Mining Company
2627 15th Avenue
Seattle, Washington

Re: Docket No. DMA-1608 (Copper)
Mt. Palmer Mining Company
Pierce County, Washington
Contract No. Ium-383

Dear Mr. Oakland:

Reference is made to your letter of November 5, 1953, in which you discuss the present status of your property and request advice concerning further action to be taken by your company to obtain financial aid for further development of the mine.

As stated in your letter, the result of work completed under the DMEA exploration contract only established facts either already known or else strongly suspected. These facts are that the veins exposed in the No. 2 and 3 tunnels are very narrow and have been mineralized for only short horizontal distances although the vertical extent of these mineralized oreshoots may be somewhat more extensive. Information obtained by mapping and sampling of the structures exposed in these tunnels leads us to believe that the possibility of developing a successful mine is rather remote.

It is not within our jurisdiction to make recommendations to you concerning any future action you might take regarding the acquisition of another Government loan for work at your property. You can, of course, apply for another exploration contract or for an extension of the existing contract; however, our immediate thought on such an application would be that the Government would probably not care to engage in further exploration at your mine.

Until recently a Government agency known as the Defense Materials Procurement Agency would loan a mining company money which could be used to construct mills or to develop mines. This agency has been dissolved and is no longer in effect; however, we understand that an agency known as the General Services Administration, with offices in the Federal Office Building, Seattle, Washington, is now administering to such types of loans. You might contact this agency, although we frankly doubt if your property would qualify for such type of loan.

Regarding your question of what type mill would be most beneficial to the property, we would suggest a selective flotation mill; however, we would also suggest that before any consideration is given to any type of mill there should be developed at your property sufficient ore reserves to justify the construction of a mill.

If we may be of further service, please advise.

By Field Team, Region II

W. L. Weissenborn, Executive Officer
(U. S. Geological Survey)

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

cc: DMEA (2)
USBM (2)
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
xxxxxxxxxxxxxxxxx
[illegible] Power[illegible] Street
[illegible], [illegible]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 23 1953

November 16, 1953

Mr. [illegible], Certifying Officer
[illegible] Field Serv., Region II
[illegible] North Division
[illegible], Washington

Re: Docket No. [illegible]-[illegible] (copper)
Mt. Rainier Mining Company
Pierce County, Washington
Contract No. I [illegible]

Dear Mr. [illegible]:

This is to inform you that all work under the subject contract has been completed to the satisfaction of the Government. The Operator has not submitted a final report; however, this report is hereby waived as it is believed that such a report would be of little value to DMEA. I understand that invoices for work recently completed have been submitted for payment.

It is requested that the Contractor's books be audited immediately and that his invoices be processed for final payment as quickly as possible inasmuch as all contract requirements have been fulfilled by the Operator.

Sincerely yours,

[illegible]
Executive Officer, DMEA
Field Serv., Region II

cc: [illegible]
[illegible]
[illegible], [illegible] Div., [illegible], D. C.
[illegible]
[illegible]

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

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 23 1953

November 18, 1953

Mr. R. J. Hindman, Certifying Officer
DMEA Field Team, Region II
1201 North Division
Spokane 2, Washington

Re: Docket No. DMEA-1600 (copper)
Mt. Rainier Mining Company
Pierce County, Washington
Contract No. Im-1383

Dear Mr. Hindman:

This is to inform you that all work under the subject contract has been completed to the satisfaction of the Government. The Operator has not submitted a final report; however, this report is hereby waived as it is believed that such a report would be of little value to DMEA. I understand that invoices for work recently completed have been submitted for payment.

It is requested that the Operator's books be audited immediately and that his invoices be processed for final payment as quickly as possible inasmuch as all contract requirements have either been met or are hereby waived.

Sincerely yours,

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

cc: DMEA (2)
USBM(2)
Con. Adm. & Aud. Div., Wash., D. C.
Puffett
Auditor

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

RECEIVED
NOV 19 1953

1201 N. Division St.
Spokane 2, Washington
October 26, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Mt. Rainier Mining Co., Pierce County, Washington, Contract No. Idm-E383, Docket No. DMEA 1608 (copper)

The Mt. Rainier mine was visited October 23, 1953, accompanied by Willard Puffett, U. S. Geological Survey. The trip was scheduled in response to a telegram from the Operating stating that the No. 3 tunnel was open and cleared of bad air.

Mr. Ole Oakland, manager, Mr. Thor Oakland, director, and Mr. Virgil Harris, laborer, were at the property during the visit.

The Operator had installed 356 feet of 6" aluminum vent pipe in the No. 3 tunnel and was using a 13" fan with 6" outlet and intake ports, belt driven by a 1.5 h.p. Briggs and Stratton, 4-cycle, gasoline motor. The fan was used as an exhaust fan and it provided sufficient circulation to clear the tunnel of bad air, as was ascertained by carrying a candle through the workings.

A tape and compass survey was made of the workings, and a sketch will be submitted by Willard Puffett in the final report, showing sample locations and extent of workings.

The No. 3 tunnel was open for 494.7 feet and the back had caved at this point, filling the drift so the total length of the original tunnel could not be determined. Three drifts were driven from the No. 3 tunnel as follows:

Portal + 196 feet - 33 ft. on a bearing of S. 75° E.
Portal + 359 feet - 74.6 ft. with the first 48.7 feet on a bearing of S. 68° E. and the balance of 25.9 feet on a bearing of S. 50° E.
Portal + 490 feet - 28 feet on a bearing of N. 68° W.

The No. 3 tunnel was timbered for its entire length with lagging on the back and sides for the first 329 feet. The timber was in good condition except for a few sets at the end of the tunnel. The drifts and tunnels were driven on a grade of approximately 3%, and 3"

square, wooden rails with strap iron attached were used in all the workings. The tunnel was quite wet and approximately 50 gallons per minute was flowing from the portal. The opening through the cave at the portal plus 76 feet was 5 feet high and 1.5 feet wide, damming the flow of water to a certain extent and resulting in a stream from 1 to 2 feet deep for 100 feet beyond the cave.

There were two stopes from the No. 3 tunnel, one at the portal plus 268 feet and the other at the portal plus 353 feet. A sketch showing sections through the stopes will be submitted with the final report.

The vein as observed in the two stopes averaged approximately 6" in width and contained chalcopyrite, azurite, malachite, pyrite and tourmaline. The average grade of the ore will be submitted as soon as assay results are received.

As the No. 3 tunnel was open for examination and sampling, work under the contract is completed and it is recommended that final payment be made. It is also recommended that the requirement of a final report from the Operator be waived as it is apparent that he has very little knowledge of mining or mining practices and a final report from him would not provide any information of consequence.

W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

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

September 8, 1953

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Docket No. DMEA-1608X(Copper and Molybdenum), routine inspection of Mt. Rainier Mining Company property, Pierce County, Washington, Contract No. Idm-E383.

In response to a telegram from Mr. Ole Oakland, President, Mt. Rainier Mining Company, Mr. W. S. Anderson, U. S. Bureau of Mines, and myself made a special trip to Mt. Rainier National Park to examine Adit No. 3 to the subject property. This adit was not properly ventilated last year for an adequate inspection of it to be made.

Mr. Anderson and myself arrived at the mine at approximately noon on Wednesday, September 2, 1953. Using lighted candles and a kerosene lantern, we traversed the tunnel to check the air to determine if it were safe to stay underground for a sufficient time to map and sample the workings. At a distance 100 feet inward from the portal, the flame on the candles was extinguished, and it was impossible to light matches. At 200 feet from the portal, the flame in the lantern became markedly subdued and at 320 feet from the portal, the flame ceased to exist. To check to see whether a draft was extinguishing the flames, we attempted to light the candles and the lantern in a crosscut but no luck was obtained in lighting a match. Consequently, Mr. Anderson and myself came to the conclusion that insufficient oxygen was in the air in the workings to permit the workings to be mapped safely.

Mr. Oakland stated that the workings had been opened since some time in June, and it was apparent that much water had since flowed through the workings. Thus, one can only speculate as to how long it will take for the workings to be filled with good air as a result of natural circulation. If the Operator does not move equipment to his property to properly ventilate the level, it is doubtful that the work specified in the contract can be brought to a satisfactory conclusion.

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

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

1201 N. Division St.
Spokane 2, Washington
September 8, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Inspection of No. 3 tunnel, Mt. Rainier Mining Company, Pierce County, Washington, Contract No. Idm-E383, Docket No. DMEA 1608 (copper)

A special trip to the Mt. Rainier mine was made September 2 accompanied by Willard Puffett, U. S. Geological Survey. This trip was scheduled in response to a telephone call from the Operator stating that a compressor had been brought to the property and was placed near the portal of the No. 3 tunnel. The Operator also stated that the tunnel was open and cleared of bad air.

Present at the property during the time of the visit were Ole Oakland, manager, and Thor Oakland and Milton I. Hatling, directors, Mt. Rainier Mining Co.

The compressor at the property was a DeVilbiss portable air compressor, designed for use in spraying paint at a maximum pressure of 45 lbs. The compressor was a type PNM 502-9 and was driven by a Tri-Clad capacitor 1 h.p. motor. Current for the motor was supplied by a Homelite generator with a rating of 115 volts AC at 3600 rpm.

The air compressor, although rated at 45 lbs. pressure, was operating at 14 lbs. pressure. The air was delivered through a 3/4-in. hose with an inside diameter of 3/8 inch to an "Ozone" machine which was placed approximately 355 feet in from the portal. (The "Ozone" machine was described in the report of October 28, 1952 by E. A. Magill, Mining Engineer, Bureau of Mines.) A 10-inch circulating fan, of the type designed for home use, was suspended from the back near the discharge from the "ozone" machine to aid circulation. The fan was a useless addition to an already inadequate installation as it was turning at 74 rpm, which would merely stir the air, not circulate it.

Candles were carried by Mr. Puffett and myself to check if there was sufficient oxygen for combustion. The candles went out at a point 150 feet in from the portal and could not be rekindled as matches would not burn in the oxygen deficient atmosphere. To check the possibility that the candles and matches may have been extinguished by a draft of air rather than from the lack of oxygen, a kerosene lantern with a glass globe was taken into the tunnel. The flame in the lantern rapidly dwindled after passing the caved portion of the tunnel and was completely out 353 feet in from the portal.

As there was not sufficient oxygen in the air to maintain combustion it was deemed hazardous to map and sample the workings.

As this was the third trip to the property to check the No. 3 tunnel, with the Operator still not able to provide proper ventilation so that the workings could be mapped and sampled, it would seem advisable to terminate the contract. It is evident the Operator is unfamiliar with mining and mine ventilation and should be considered not competent to fulfill the terms of the contract.

W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
WSA/he

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

September 23, 1953

Mr. Ole Oakland, Secretary
Mt. Rainier Mining Company, Inc.
1627 - 15th Avenue
Seattle, Washington

Re: Docket No. DMEA-1608
(Copper - molybdenum)
Contract No. Idm-E383
Mt. Rainier Mining Company
Pierce County, Washington

Dear Mr. Oakland:

I wish to direct your attention to the examination of your property on September 2, 1953, by Messrs. Willard Puffett and Webb Anderson of the DMEA Field Team. This examination was in response to a telegram and also a telephone call from you, received at this office on August 31, 1953, in which you requested that we immediately send an examining party to your property inasmuch as you had made the mine accessible for examination.

Our field examiners report that upon arriving at your property they found a small portable air compressor designed for use in spraying paint and which was inadequate to properly ventilate the mine workings. They state that they attempted to examine your mine but that a candle would not burn at a distance in from the portal and that the mine contained so much bad air that examination was considered too hazardous to undertake.

This is the third time we have sent examining parties to your property to conduct a mine examination, each time upon request from you or your associates, and each time on the assumption that the mine was accessible. On all three of these occasions our field men have found that a flame would not burn in the mine workings and that the supply of oxygen was insufficient and that any stay in the mine by the examiners would have been extremely dangerous.

We must now inform you that unless you make the No. 3 tunnel on your property accessible to examination within 30 days of the date of this letter, the Government will be forced to terminate your contract because of your failure to do the work pursuant to the terms of the contract. In our definition of accessible, we mean that you deliver enough compressed air into the tunnel so that a candle will burn freely at all points within the tunnel.

Sincerely yours,

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

cc: USBM (2)
DMEA (2)
Puffett

FILE COPY
SURNAME:

Ching
Ellis
Selfridge
H. Johnson

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

SEP 17 1953

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-1608
(Copper - Molybdenum)
Contract No. Ida-1383
Mt. Rainier Mining Company
Pierce County, Washington

Dear Mr. Weissenborn:

Reference is made to your letter of September 4, 1953, regarding failure of the Operator to make the mine accessible for examination and sampling and your request for permission to terminate the subject contract, the termination to be based on the inability of the Operator to conduct operations pursuant to contract terms.

The record of this operation certainly justifies termination and you are hereby authorized to terminate the contract as requested. However, your attention is called to Memorandum No. 4, dated April 18, 1952, which provides that if the Field Team believe that the contract should be terminated they should first warn the Operator, in writing, that unless conditions are corrected promptly the contract will be terminated.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

AGREED:

J. H. Hedges

Member, Bureau of Mines (JHH)

A. R. Kinkel, Jr.

Member, Geological Survey (ARK)

Ching/db
9-10-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs: C. H. Johnson, Rm. 3621
A. R. Kinkel, Rm. B-242A, GSA
R. W. Geehan, Rm. 3621
D. M. Lemmon, Rm. 4234, GSA
Ellis
Ching

G. C. S. 9-17-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

September 4, 1953

Mr. Ernest W. Ellis, Acting Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1608 (copper-molybdenum)
Mt. Rainier Mining Company
Pierce County, Washington
Contract No. Idm-E383

Dear Mr. Ellis:

On August 31, 1953, we were advised by telephone and telegram from the Operator that the Mt. Rainier mining property was accessible for examination and sampling. The Operator stated that he had a compressor on the property and that he had been completely through the mine. We expressly questioned the latter statement as we had previously been informed the mine was open and had field men to make the examination only to find that such was not the case. We were advised, however, that the mine could be examined immediately and that the Operator was desirous of having the examination made as he had the compressor and the men on the property, whom he did not wish to retain any longer than was necessary. The Operator was advised that we would have men there as quickly as possible to make the examination.

On September 3, 1953, Mr. Willard Puffett, U. S. Geological Survey, and Webb Anderson, U. S. Bureau of Mines, went to the property to conduct the examination. They found the compressor to consist of a paint spraying compressor of very small size and that the mine was being ventilated by a very small house fan. They attempted to map and sample the mine workings but found the air in from the portal to be so bad that a match could not be lit nor would a candle burn. After a few moments in the mine they became dizzy and were forced to go outside.

This field examination marks the third time we have been advised by the Operator that the mine was open and the third time we have sent men there to conduct the necessary examination. Each time we have been ill-advised and each time it has resulted in a costly and unnecessary trip to our field men. We have time and again tried to explain to the Operator what is needed and how he should go about making the mine accessible. We have granted an extension of the time limit to the Operator to allow him to do the necessary work. Despite this advice and assistance, the Operator continues to blunder and we are, therefore, forced to conclude that he probably will never make this mine accessible for project work.

We request permission to terminate the subject contract, the termination to be based on the inability of the Operator to conduct operations pursuant to contract terms.

By DMEA Field Team, Region II

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

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

cc: USBM (2)
Puffett

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

August 13, 1953

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

Re: Docket No. DMEA-1608 (Copper)
Mount Rainier Mining Company
Pierce County, Washington
Contract No. Idm-E383

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 2 to the subject contract, with attached justification.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

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

Attachment

cc: Finance Officer w/encl.
USBM (2)
Puffett

coe
8-17

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

No. 157 Howard Street
Spokane 4, Washington

August 13, 1953

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

Re: Docket No. DMEA-1608 (Copper)
Mount Rainier Mining Company
Pierce County, Washington
Contract No. Idm-2383

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 2 to the subject contract, with attached justification.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

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

Attachment

cc: Finance Officer w/encl.
USBM (2)
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

So. 157 Howard Street
Spokane 4, Washington

August 7, 1953

Mr. Ole Oakland, President
Mt. Rainier Mining Company
1627 - 15th Avenue
Seattle 22, Washington

Re: Docket No. DMEA-1608 (copper)
Pierce County, Washington
Contract No. Idm-E383

Dear Mr. Oakland:

Enclosed are 7 copies of Amendment 2 which extends the expiration date of your contract 4 months, or for a total of 16 months from the date of the contract. This amendment has been prepared in response to your letter of July 28 in which you ask for a 90-day extension period to allow you to complete your contract work.

We hope that with this extension of time you will be able to resume contract work and to complete your project as quickly as possible. Although there is not too much work remaining to be done, the season is growing late and therefore work should be pushed as rapidly as possible in order to complete it before the winter season commences.

Very truly yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure as above

cc: DMEA (2) w/cy incoming ltr
USBM (2)
Puffett

COPY COPY

Seattle July 28, 1953

IPTA, Administrator Weisenborn

Spokane, Wash.

Dear Sir,

We again respectfully must ask for 90 days extention on our IPTA Contract of which we believe Aug. is the Exparation date Being a Exceptional late opening in Rainier Park snow and slides have ruined part of our road also bridges. I expect to start some work on July 29th but it will be out in August before we can transport anny air conditioning outfitt up to mine. We have had some men up who is expecting to lease property last part of week. They may go up there and I go tomorow.

Yours Truly,

MT. RAINIER LODGE CO., INC.

By /s/ OLE OAKLAND, PRESIDENT
1627-15 Ave. Seattle

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

1201 N. Division St.
Spokane 2, Washington
July 30, 1953

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Mount Rainier Mining Co., Pierce County, Washington
Contract Idm-E383
Docket No. DMEA 1608 (copper and molybdenum)

Mr. Thor Oakland, son of Ole Oakland, secretary-treasurer of the Mount Rainier Mining Company, was contacted by phone in Seattle on July 27, 1953.

Mr. Oakland stated that they intended to complete the exploration contract. Due to the unusually late melting of the snows in the area it had been impossible to carry out any work so far this season. However, they intended to walk into the property within the next few days and determine the work necessary to complete the program.

Attention was drawn to the fact that the exploration project contract expires on August 4, 1953, and that it would be necessary to secure an amendment to the contract for work after that date.

E. A. Magill

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
EAM/he

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

1201 N. Division St.
Spokane 2, Washington

June 25, 1953

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Mt. Rainier Mining Co., Pierce County, Washington, Contract Idm-E383, Docket No. DMEA 1608X (copper and molybdenum)

An unsuccessful attempt was made to contact Mr. Ole Oakland, Secretary of the Mount Rainier Mining Co. on June 22, 1953. Mr. Oakland is on a business trip to North Dakota and is expected back in about two weeks.

The relative of Mr. Oakland's whom I talked to said that he thought the Mount Rainier Mining Co. intended to complete the work called for under their DMEA contract this summer.

E. A. Magill

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

Docket copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

[redacted]
So. 157 Howard Street
Spokane 4, Washington

January 16, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

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

Re: Docket DMEA-1608X (Copper)
Mt. Rainier Mining Company
Contract Idm-E383

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 1 to the subject contract.

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

Sincerely yours,

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

Attachment

cc: USBM (2)
Puffett

cae
1-19-53

FILE COPY
SURNAME:

FEJohnson

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

DEC 30 1952

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-1608I (Copper)
Contract No. Idm-E383
Mt. Rainier Mining Company
Pierce County, Washington

Dear Mr. Weissenborn:

Enclosed are the original and five copies of Amendment No. 1 to the subject contract, which have been signed by the Government. When the original and all copies have been signed by the Operator, all copies are to be disposed of according to the usual practice.

This amendment has been written in accordance with the request of the Field Team, dated December 2, 1952, and permits payment separately for the clearing of each of the tunnels. It is understood that Tunnel No. 2 has been cleared.

Sincerely yours,

SH.
12-30-52

Frank E. Johnson
(NB)
Chairman, Operating Committee

APPROVED:

J. H. Hedges (NB)
Member, Bureau of Mines

A. R. Kinkel, Jr. (NB)
Member, Geological Survey

FSSchmidt/FEJohnson/jem/bih - 12/29/52
Cc to: Docket
Admr. Reading File
Region II
Operating Committee
Messrs. Hedges - R-4604
Kinkel - GSA R-4234
Chambers - R-2612
Ellis - R-4640
Schmidt - R-4640
FEJohnson

Enclosures (6)

FILE COPY
SURNAME:
700

Schmidt
Ellis
Chambers

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

DEC 30 1952

Mr. [illegible] Eisenhorn
Executive Officer, Region I
Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. [illegible] (Copper,
[illegible] Contract No. 303
Mt. Rainier Mining Co.
Pierce County, Washington

Dear Mr. Eisenhorn:

Enclosed are the original and five copies of the subject amended contract, which have been signed by the Government. When the original and all copies have been signed by the operator, all copies are to be disposed of according to the usual practice.

This amendment has been written in accordance with the request of the Field Team, dated December 8, 1952, which permits payment separately for the clearing of [illegible] of the tunnels. It is understood that [illegible] has been cleared.

Sincerely yours,

Chairman, for the Committee
Schmidt/jem 12/22/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-Rm. 3621
ARKinkel-Rm. 4234 GSA
Ellis Schmidt
Opr. Com. Mr. Chambers
Field Team, Region II

Encl [illegible]

[illegible]:

Member, [illegible]

Member, Geological Survey

Extra Copy

MT. RAINIER MINING COMPANY
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-1608X

AMENDMENT NO. 1

It is agreed between Mount Rainier Mining Company and the United States of America that Contract No. Idm-E383, Docket No. DMEA-1608X, dated August 4, 1952, is amended, effective August 4, 1952, as follows:

1. Delete from Exhibit "A", all provisions following the heading "Estimated Costs of the Project" and substitute the following:

Clearing and opening Tunnel No. 2	$1,500.00
Clearing and opening Tunnel No. 3	1,500.00

Note: For the purpose of this contract, the work performed in each tunnel is a unit of work.

Total Estimated Cost of Project	$3,000.00
Government Participation - 50%	$1,500.00

2. In the fourth line of Article 3 of the contract form, delete the words "6 months" and substitute therefor "12 months."

Dated_____, 1952.

MT. RAINIER MINING COMPANY

By_____

THE UNITED STATES OF AMERICA

J. O. Mittendorf

By_____
Administrator, Defense Minerals Exploration Administration

DMEA-1608X, Mt. Rainier Mining Co.
Contract Idm-E383 - Copper

Notes for file by Schmidt

This is an unusal contract because it consists solely of cleaning out and making two caved tunnels accessible, and not involving any other work. While this was contrary to our practices there had been commitments made in the past, so this contract was written in such a way as to make the cleaning out of the two tunnels one unit for the amount of $3,000.00 (50% participation). The Field Team now asks that instead of making the operator wait until tunnels No. 2 and No. 3 are cleaned out, before he gets the $1,500, that due to his expenses that we amend the contract so as to pay him half of our share of $1,500 or $750 so as to tide him over. No. 2 has been completed and No. 3 is partly done, and it will not take much more to accomplish it because our engineers have actually explored the tunnel in its present condition which will not permit any work such as sampling or surveying or geological observations etc. because of the bad air. The operators have spent $3,000, but some of it was spent in repairing the access road.

There should be no serious objection to making this payment of one half of our share at this time, as recommended by the Field Office.

The time for performing the work should be extended to August 1, 1953. It is not possible to work there now, due to winter and it is possible that if there is no further caving during the winter that natural ventilation may help to make No. 3 accessible for technical work.

This matter is now being referred to Legal for the accomplishment of this purpose by amendment.

RECEIVED

DEC 18 1952

GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

1608

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~

1201 North Division St.
Spokane 2, Washington

Noted

December 8, 1952

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Assays, Mt. Rainier Mining Co., Pierce County, Washington, Contract Idm-E383, Docket No. DMEA 1608X (copper & molybdenum)

Assay results have been received on all samples which have been taken at the subject property. Inasmuch as the project is closed down for the winter due to weather, this memo is prepared so that all assay information may be consolidated.

Samples from Tunnel No. 2

Sample No.	Width	Type	Percent Cu	Ounces per Ton Au	Ounces per Ton Ag	Location
EAM 345*		Grab	0.0	Tr.	0.1	Dump
EAM 340*	0.4'	Channel	11.84	0.07	3.9	Stope
EAM 341*	3.0'	"	0.50	0.0	0.1	Stope
EAM 342*	1.0'	"	0.15	0.01	0.6	Stope
EAM 343*	0.4'	"	2.02	0.02	1.5	Stope
EAM 344*	1.5'	"	10.12	0.06	2.0	W Crosscut "
EAM 31-0**	1.5'	"	0.39	0.04	2.48	" "

* Assays Union Assay Office, Salt Lake City, Utah.
**Assays USBM, Albany, Oregon

The above samples are all from Tunnel No. 2 and except for sample EAM 31-0, the locations are shown on the map which accompanies Mr. Puffett's (USGS) progress report of October 14, 1952. Sample EAM 31-0 is a check sample taken in the west crosscut across the mineralized pod 1.0' above sample EAM 344. The difference in grade between these two samples illustrates how localized the values are in the deposit.

2½" channel!

Samples from Tunnel No. 3

Sample No.	Width	Type	Percent Cu	Ounces per Ton Au	Ounces per Ton Ag	Location
EAM 31-220**	0.2'	Channel	13.3	0.01	3.28	First stope
EAM 31-221**	0.7'	Channel	8.75	N.D.	2.40	First stope
EAM 31-222**	---	Grab	0.15	N.D.	0.34	Dump

**Assays USBM, Albany, Oregon

Sample EAM 31-220 was taken from the first stope in No. 3 Tunnel. In back 10 feet above track level. Channel sample across vein 0.2' wide. Brecciated vein material containing chalcopyrite, pyrite and tourmaline.

Sample EAM 31-221 was taken from the first stope in the middle back of the second set 13 feet above the track. Channel sample across vein 0.7 feet wide. Gouge and bleached breccia, some chalcopyrite.

Sample EAM 31-222 was taken from end of No. 3 tunnel dump. Grab sample of muck removed while cleaning up the cave 76 to 89 feet from the portal. Country rock with chalcopyrite in fractures.

The above sample results and observations at the property indicate that the copper mineralization in the No. 2 tunnel is largely localized. The only ore shoot exposed is about 75 feet in length with a maximum width of up to perhaps 3 feet in part of the stoped area, narrowing down to less than 0.5 feet on either end and in the back, 28 feet above track level. The vein structure has been drifted on a little over 250 feet. Where it can be observed outside the stope area, the structure is tight and very sparsely mineralized. No ore reserves are indicated in tunnel No. 2.

Unfortunately, due to the bad air condition, it was not possible to map or sample the No. 3 tunnel but from what could be observed, it appears that conditions are similar to those in tunnel No. 2 with the same ore shoot being exposed. Apparently it is also mined out above the No. 3 level. However, inasmuch as it was impossible to examine the No. 3 level carefully, ore exposures may have been overlooked.

E A Magill

E. A. Magill

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
[redacted]
So. 157 Howard Street
Spokane 4, Washington

December 2, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

Memorandum

To: Chairman, DMEA Operating Committee

From: DMEA Field Team, Region II

Subject: Docket DMEA 1608X (Copper & Molybdenum), Mt. Rainier Mining Company, Pierce County, Washington, Contract Idm-E383.

The Mt. Rainier Mining Company has requested a partial payment for work completed under the subject contract (see copy of letter attached). We are referring this request to you for a decision, inasmuch as a letter from your office to Mr. A. E. Weissenborn, Executive Officer, Region II, dated August 4, 1952, states "There will be no payments or accounting other than for the completed job of clearing the tunnels."

Work accomplished to date is summarized below:

An exploration project contract was entered into with the Mt. Rainier Mining Company on August 4, 1952, in the total amount of $3,000.00 with a completion period of 6 months. This contract provided for opening No. 2 and No. 3 tunnels to the extent necessary to make them accessible for examination and sampling, ("the tunnels must be made safe from caving ground, bad air and other hazards"). The Operator cleaned out the portal of No. 2 adit and it was sampled and mapped by E. A. Magill, U. S. Bureau of Mines, and Willard P. Puffett, U. S. Geological Survey, on September 8, 1952. The examination of the adit disclosed no ore reserves. An ore shoot about 75 feet in length had been stoped out to a maximum height of 28 feet above the sill. This ore shoot pinched down to less than 6 inches at both ends and in the back of the stope. It is estimated that direct cost of opening the No. 2 adit portal should not have exceeded $100. No work was done in the adit other than digging out the portal. However, the work was sufficient for examination and mapping.

Two more visits were made to the property at the request of the Operator to examine the No. 3 adit; the first visit on October 2, 1952, by Magill and Puffett revealed that the Operators had done a very poor job of catching up a cave about 76 feet in from the portal. The air past the cave was deficient in oxygen and, therefore, the workings beyond the cave could not be examined or sampled. The property was visited again on October 25, 1952, after the Operator had assured the examining team that the workings were open for examination. This visit disclosed that the original timbering job, 76 feet from the portal, had

caved and the Operators had again retimbered it. However, this timbering job was no better than the original one. The air past the cave was still deficient in oxygen despite attempts of the Operators to help the situation by the use of an "ozone machine". It was also learned that the Operators themselves had not been in the workings farther than a few feet past the caved area. Mr. Puffett and Mr. Magill were able to make a hasty trip through the workings but were unable to sample or map them. * This hasty examination disclosed a stoped area which was believed to be a downward continuation of the stoped area in the No. 2 adit. From what could be seen the vein on this level (No. 3) appeared to be narrow with the mineralization localized to the stoped area.

The present status of the project is that one adit (No. 2) has been opened for examination, and the other adit (No. 3) is still inaccessible due to bad air. The Operator has undoubtedly expended over $3,000 on the project including the cost ($1800) of construction of $3\frac{1}{2}$ miles of road to the property. It is evident that a portion of this money has been poorly spent, primarily because inexperienced workmen were employed to do the rehabilitation work. Operations have now been shut down for the winter and if the contract is to be completed it will be necessary to extend the completion date. It is hoped that by having the workings open this winter there will be sufficient natural circulation to clear the bad air in the No. 3 adit. Otherwise, artificial ventilation will have to be introduced.

In view of the fact that the Operator has made an honest, although in part a poorly managed, attempt to rehabilitate the mine workings and since he has undoubtedly expended a substantial amount of money, it is recommended that he be paid at least a part of the Government's share of the accrued costs. He most certainly should be paid for rehabilitation of No. 2 adit; in other words, paid half of the money involved in the Contract (Government's share $750.00) inasmuch as he has completed this part of the project. We wish to stress the need for partial payment because we have been informed that the Operator is in financial stress and needs money to meet current obligations. Inasmuch as he has already expended practically all of his available funds, he will undoubtedly need partial reimbursement by the Government to finance the remainder of the rehabilitation work.

We will appreciate your views on this matter.

By DMEA Field Team, Region II

*See map. This downward extension of stope indicates they probably reached the face

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

Enclosure

T. E. Howard

T. E. Howard
For: M. E. Volin, Member
(U. S. Bureau of Mines)

cc: USBM (2)
Puffett

Seattle, Washington
November 15, 1952

Mr. Wissenborn
Executive Officer
157 S. Howard Street
Spokane, Washington

Re: Docket No. 16,881

Dear Sir:

Just a line to let you know that Mr. Magill did not approve of oxygen tanks and mask to enter tunnel No. 3. We then secured an air compressor and 320 feet of hose. Took it up on November 11, but snow and ice was on the upper part of road and more at tunnel. My helpers refused to carry the outfit up--too dangerous as it caused some more and we returned outfit and contacted Mr. Magill who said he was going to Spokane and it is best I think therefore we have him and you go over the problem first he knows the circumstances also tunnel he had been close to fell but he is correct in that air is needed to do work and examine more thoroughly the 50 x 40 raise and veins. However, I must get money to pay taxes on the operation $500 to 700 is badly needed so will cooperate to get a real test in values. The assays taken to Mr. Willis Utt assayer, I believe I wrote you, only show 2.65 % copper, .03 Mo--some silver and gold traces--this is where the cave-in is. There is higher values in the first stope where some timbers are stored. This did not extend up only a few feet above ceiling.

The main high grade is where the 42 foot raise is, Mr. Magill can give you better information on this, he has been close in.

My reason for writing this is to meet the money to pay withholding tax and insurances. The tunnels are open and we need extension to explore more thoroughly. The 3 claims, at least one tunnel cannot determine values on the whole project. Located as it is (3 claims). Of course for not only the lift. Both group alone but thats the place at present. Intend further exploration for 1953 and show up our portion for 1952 any more examinations you think of value in No. 3. We will cooperate with you. The Mt. Rainier Mining Company wants to know too what to expect.

Respectfully,

Mount Rainier Mining Company, Inc.

/s/ Ole Oakland, Gen. Treas.
1427 - 16 Ave.
Seattle

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

[redacted]
So. 157 Howard Street
Spokane 4, Washington

December 2, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

Mr. Ole Oakland, Secretary
Mt. Rainier Mining Co., Inc.
1627 - 16th Avenue
Seattle, Washington

Subject: Docket DMEA 16 8X (copper, molybdenum)
Mt. Rainier Mining Co., Pierce County,
Washington, Contract Idm-E383

Dear Mr. Oakland:

In reply to your letter of November 14, 1952, we are very sorry to hear that inclement weather prevented the attempt to clear the air in No. 3 adit by the use of an air compressor.

We are referring your request for partial payment to the Washington, D. C., office of DMEA for their discussion as the contract definitely states that Government contribution shall be based on units of work completed and any deviation from the terms of the contract must be approved by that office

In regard to your question concerning further exploration, the Government's participation in further exploration after the completion of the present contract will be based upon the results of the present contract.

By DMEA Field Team, Region II

Thor H. Kiilsgaard
For: A. E. Weissenborn Executive Officer
(U. S Geological Survey)

T. E. Howard
For: M. E. Volin, Member
(U S. Bureau of Mines)

cc: DMEA (2)
USBM (2)
Certifying Officer
Puffett

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

December 2, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

Mr. Ole Oakland, Secretary
Mt. Rainier Mining Co., Inc.
1627 - 16th Avenue
Seattle, Washington

Subject: Docket DMEA 16 8X (copper, molybdenum)
Mt. Rainier Mining Co., Pierce County,
Washington, Contract Idm-5383

Dear Mr. Oakland:

In reply to your letter of November 14, 1952, we are very sorry to hear that inclement weather prevented the attempt to clear the air in No. 3 adit by the use of an air compressor.

We are referring your request for partial payment to the Washington D. C. office of DMEA for their discussion as the contract definitely states that Government contribution shall be based on units of work completed and any deviation from the terms of the contract must be approved by that office.

In regard to your question concerning further exploration, the Government's participation in further exploration after the completion of the present contract will be based upon the results of the present contract.

By DMEA Field Team, Region II

Thor H. Kullagard
For: A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

T. H. Howard
For: H. J. Volin, Member
(U. S. Bureau of Mines)

cc: DMEA (2)
USBM (2)
Certifying Officer
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division St.
Spokane 2, Washington
October 28, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 3 1952

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Progress examination, Mt. Rainier Mining Co., Pierce County, Washington, Contract Idm-E383, Docket 1608X (copper-molybdenum)

A telephone call was received from Mrs. Ole Oakland, wife of the secretary of the Mt. Rainier Mining Co., late in the afternoon of October 23, 1952. Mrs. Oakland stated that she had been requested by Mr. Oakland to call and inform us that the No. 3 adit was now open for examination. Arrangements were made for Willard Puffett, USGS, and myself to visit the property on the 25th.

At the time of our visit on October 25, 1952, Mr. Ole Oakland and his son, Thor Oakland, were at the property. There was no snow on the ground and the weather has been excellent. This is unusual inasmuch as the property lies at an altitude of about 6500 feet on the north slope of Mt. Rainier.

At the time of the examining team's last visit on October 2, 1952 the Operators were advised that the timbering which they had done on the cave 76 feet from the portal was unsafe. This was subsequently proven by the timbering giving away, and the adit being filled with muck. The Operators have made another opening through this cave which cannot be considered any safer than the original opening. To pass through this opening it is necessary to squeeze between two stulls which give an opening 1.2 feet wide at the bottom, 1.5 feet wide at the top and 5 feet high. After squeezing past several other stulls it is necessary to crawl through a hole 1.5 feet wide and 2.0 feet high which is 2.0 feet above the sill level. The caved area is 13 feet in length and should represent no special problem to catch up other than it contains rock from 6 inches to 2 feet in diameter which would add to the difficulties of spilling. The Operators have not used this method in catching up the cave, however. It is apparent from their work that the Operators are totally unacquainted with mining methods. The present timbering of the caved area is considered unsafe for work of any type to be carried on past it.

Besides the difficulty which the Operators are having with the caved portion of the adit is the problem of bad air beyond the cave. The Operators are using an "ozone" machine to clear the air. This machine is manufactured by the Vegoray Ozone Company, Seattle 3, Washington (Model PW 20, Serial No. 502). It is 12" x 12" x 18" and has a filter 7" x 10" on the intake side and a hole 3" in diameter on the discharge side from which the "purified" air is discharged by a small blower. The machine is run by 110 volts AC current supplied by a single cylinder gasoline driven electric generator. The only information that the Operators could furnish concerning how the machine worked was that the machine contained 7 "violet ray tubes" which "purified" the air by making ozone. The Operators are renting the machine including the electric generator for $20.00 per week.

The "ozone" machine has been unsuccessful in "purifying" the air so that the workings past the cave may be mapped or sampled. The machine was placed about 37 feet past the cave and the air up to the machine would allow a candle to burn; however, at a point 50 to 75 feet beyond neither a candle or a kerosene lantern would burn. The success which the Operators will have by the use of the "ozone" machine is extremely doubtful. The problem involved is a lack of oxygen in the air, not one of purification. This was explained to the Operator. The Operator admitted that neither he or his son had ever been back to the face of the adit prior to our visit.

In spite of the lack of oxygen a brief reconnaissance was made of the workings. Measurements and compass courses were taken as far back as possible. Mr. Puffett discusses this more fully in his memo.

It is doubtful that the Operators will be able to complete the project this year. There are three factors which affect its completion:

1. The weather.
2. Finances of the Operator.
3. Ability of the Operators to satisfactorily carry out the project.

All three of the above factors appear to be against completion of the project.

The Operators are working on limited funds and wanted to know whether they could be paid for the work which they had completed. They were told that according to the terms of the contract, no payment could be made until the project was completed.

E. A. Magill

Orig. - Wash.
cc: DMEA, Wash (3)
USGS (2)
DMEA
M/D
D/F
McGuire
EAM/vf

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1952

October 27, 1952

Memorandum

To: DMEA Field Team, Region II

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

Subject: Routine examination of progress of Mt. Rainier Mining Company, Pierce County, Washington, under DMEA Contract Idm-E383. Docket No. DMEA-16 8X (Copper and Molybdenum).

In response to a telephone call from a representative of the operators stating tunnel No. 3 was open and clear of bad air, a special trip was made Saturday, October 25, 1952, to the Mt. Rainier Mine by E. A. Magill, U. S. Bureau of Mines, and myself to map and sample this tunnel.

Mr. Ole Oakland and son Thor were at the mine. Since our last inspection trip they had rented a small gas-powered electric generator and an ozone machine. This last was an apparatus made by the Vigoray Ozone Company of Seattle, Washington, and was being used by the operators to supply oxygen to the lower tunnel. It developed from conversation with Mr. Oakland that neither he nor his son had traversed the workings of tunnel No. 3, but an employee of theirs had and had reported the air as being good throughout the workings.

The ozone machine was installed 11, feet from the portal. Using a lighted candle and a kerosene lantern to check the oxygen content of the air, Mr. Magill and I were able to proceed 74 feet beyond the ozone machine before the flames of both the candle and lantern were extinguished. In an attempt to determine just how many feet of workings exist in this tunnel, we made a hurried examination farther into the tunnel but it was found that a cave exists ahead which would have to be cleaned before the face could be reached.

The general bearing of tunnel No. 3 is S. 16° W. At 1,2 feet from the portal an unlinbered crosscut extends at right angles to the east from the main tunnel for 34 feet. At 207 feet from the portal a stope six timbered sets long and a maximum of 4 sets high above the sill exists. Exposed in the back of this stope is a gouge, bleached fault zone, ranging in width from 1 to 6 inches in which occur stringers of chalcopyrite and considerable quantities of black tourmaline. Two samples were taken from this mineralized fault zone.

Beyond the stope the tunnel bears slightly east of south for 26 feet and then returns to a bearing S. 12° W. At 355 feet from the portal a timbered crosscut extends in a southeasterly direction from the main tunnel for approximately 84 feet. Six feet nearer the portal from this crosscut exists a raise. Because of the hurried nature of the examination due to an insufficient quantity of oxygen in the air, no examination was made of the workings accessible from this raise. It does appear that stoping has been done to nearly 40 feet above the sill but it was not possible to ascertain how long the stoped area is.

Little detailed examination of the walls of the workings could be made. The tunnel throughout is timbered and the back is obscured by spilling timbers. The rock appears to have been much broken, and much of it exhibits sulphide minerals on "joint" surfaces.

The project cannot be brought to completion by mapping and sampling the workings until the operators have solved the problem of sufficiently ventilating this tunnel to make it safe.

Willard P. Puffett,
Geologist

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

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

1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
OCT 20 1952

October 20, 1952

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Mt. Rainier Mining Co., Pierce County, Washington, Contract Idm-E383, Docket No. DMEA 1608X (copper & molybdenum)

Mr. Ole Oakland, secretary of the Mt. Rainier Mining Co., was contacted by phone in Seattle on October 16, 1952. He stated that they had enlarged the opening in the cave in No. 3 adit. An electric generator with an "ozone" machine is being used to clear the air in the adit past the cave.

Mr. Oakland was advised that as soon as the workings were safe for examination to inform this office by phone and arrangements would be made for an examination.

E. A. Magill

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

1201 N. Division St.
Spokane 2, Washington

October 19, 1952

MEMORANDUM

To: Field Team, DMEA, Region II

From: E. A. Magill, Mining Engineer, Mining Division, Region II

Subject: Progress examination Mt. Rainier Mining Co., Pierce County, Washington, Contract Idm-E383, Docket 1608X (copper and molybdenum)

A progress examination was made of the subject property on October 2, 1952, in company with Willard Puffett, USGS. Mr. Ole Oakland, secretary of the Mt. Rainier Mining Company, was at the property during the visit. Mr. C. Philips Purdy, Jr., of the State of Washington, Division of Mines and Geology, was also at the property and accompanied Mr. Oakland into the upper end of Glacier Basin to examine reported showings of molybdenum. Unfortunately the search for the molybdenum was unsuccessful.

The Operators had advised me in a phone conversation on October 1 that the cave in No. 3 adit had been caught up and that the workings were open for examination; however, they mentioned that the workings past the cave were "gassey". Examination disclosed that the Operators had made a small opening through the cave which they had been working on at the time of the previous visit on September 8. This cave started at 76 feet from the portal and extends for 13 feet, two sets having rotted and given away. The Operators had made a hole at sill level 2 feet high and 1.5 feet wide through the cave (normal clearance inside the timbers is 5.5 feet high and 4.3 feet wide). A very poor timbering job had been done on this small opening and the inadequate timbers showed that they were taking on excessive weight. An estimated 100 to 200 gallons of water per minute was running through the small hole, further complicating matters. The timbering job is considered unsafe for work of any type to be carried on past it.

The air beyond the cave is bad. At a point some 25 feet past it, a match or candle will not burn due to lack of oxygen. This lack of oxygen prevented any sampling or mapping beyond the cave. The timbers appear to be in good condition for at least several hundred feet past the cave.

The Operators were advised that the cave should be dug out and safely timbered so that it at least approached the size of the original opening. A larger opening may allow sufficient natural circulation to freshen the air so that the proposed examination can be carried out. Otherwise, artificial ventilation will have to be provided.

Although the Operator claims to have already expended more than the $3,000 allowed in the contract for rehabilitation, it is believed that the sum allowed was more than sufficient to carry out the rehabilitation program.

If the project is to be carried to completion it may be necessary to extend the completion date as the mine is at an elevation of about 6500 feet and severe storms can be expected at any time.

E. A. Magill

E. A. Magill

CC: 3-Wash.
2-USGS
DMEA
EAM
M/D
D/F

EAM:kt

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

[redacted]
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

October 14, 1952

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Routine inspection of progress at property of Mt. Rainier Mining Company, Pierce County, Washington, under DMEA Contract Idm-K383. Docket DMEA-1608X (copper-molybdenum).

On October 2, 1952, a routine inspection was made of the Mt. Rainier Mining Company's No. 2 and No. 3 tunnels. I was accompanied on this inspection by E. A. Magill, U. S. Bureau of Mines. Mr. Ole Oakland, Secretary of the company, and his son, Thor, were at the property.

At the time of the previous inspection on September 8, the operators were engaged in attempting to clear a cave in tunnel No. 3. By the time of this inspection a hole 2 feet high and 1½ feet wide had been made through the cave near the sill and timbers of sorts had been implaced to allow passageway. Mr. Magill attempted to make an examination of the workings beyond this cave but the air was found to be bad at a distance of twenty five feet beyond the cave. Consequently, it was impossible to make an examination of the rest of the workings.

Attached to this report is a map of the accessible workings, on which as much of the geology as was possible to ascertain has been plotted. Also are shown locations and assay results of samples taken. The country rock in which both tunnels have been driven is a dark gray to gray felsite, determined by Coombs 1/ to be altered tuffs of the Keechelus Andesite series. In the mine workings the fragmental character of the rocks was not discernible.

As is shown on the attached map, there has been some stoping done on the mineralized fault structure on which the upper tunnel had been driven. Apparently the ore occurred as pods or lenses of nearly solid chalcopyrite, intimately intergrown with black tourmaline.

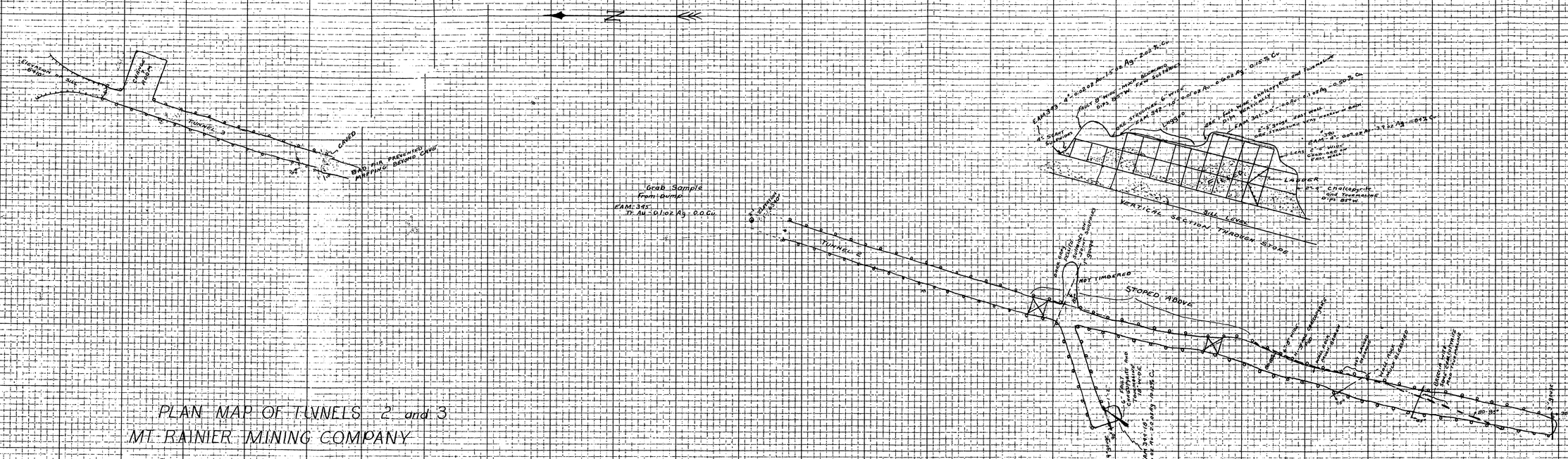
1/ Coombs, Howard A., Geology of Mt. Rainier National Park, Washington University Publication in Geology, Vol. 3, No. 2, July 1936, p. 160.

There is some question as to whether the operator will be able to clear the lower tunnel of the bad air. If this is not done, no further examination of the tunnels can be made and consequently the project cannot be brought to completion as per contract.

Willard F. Puffett
Geologist

Enclosure

cc: DMEA (4)
USBM (2)
Puffett



PLAN MAP OF TUNNELS 2 and 3
MT. RAINIER MINING COMPANY

PIERCE COUNTY, WASHINGTON

1-inch = 20 feet

TAPE & BRUNTON SURVEY 7/8/52
W.P. Puffett, USGS 10/2/52
E.A. Magill, USBM
EXCEPT WHERE NOTED ALL WORKINGS TIMBERED AND BACKS LAGGED.

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

1201 N. Division St.
Spokane 2, Wash.

September 17, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: E..A. Magill, Mining Engineer

Subject: Progress examination Mt. Rainier Mining Co., Pierce County, Wash., Contract Idm-E383, Docket 1608X (copper and molybdenum)

A routine progress examination was made of the subject property on September 8, 1952, in company with Willard Puffett, USGS. Mr. Ole Oakland, Secretary of the Mt. Rainier Mining Co., was on the property at the time of the visit as was his son Thor Oakland who is directing the rehabilitation work.

The operators have constructed a road 3½ miles in length from the White River camp ground to a point near the portal of the No. 5 adit where their camp is located. This road was constructed at company expense last July. The operators claim that its construction cost was $1800. The road is passable only to small 4-wheel drive vehicles, being too narrow for a truck. Undoubtedly, portions of it will be washed out this winter.

The operators have shoveled out the portal of the No. 2 adit so that a person may crawl in; no work has been done in the adit other than digging out the portal. It is estimated that this work did not take over two man-shifts; however, it has allowed access so that the workings could be mapped and sampled. The No. 2 adit workings were mapped and five samples taken, a copy of the map with sample location will accompany a later report by Willard Puffett. The workings consist of 255 feet of drift with two short crosscuts from it; the vein has been stoped for a distance of 80 feet to a maximum of 27 feet above the sill. All workings are timbered with the back lagged. Excepting for the sets near the portal the timbers are for the most part sound. The metalization exposed in this adit consists of lenses of pyrite, chalcopyrite with associated black tourmaline. The ore remaining on the edges of the stope varies in width from less than an inch to six inches of solid sulfides. The maximum stope width is slightly over three feet; however, it is doubtful

that the sulfide lenses were that wide. From what could be seen (subject to assay returns) there are no ore reserves indicated in the No. 2 adit.

At the time of the visit the operator had four men, including his son, attempting to reopen the No. 3 adit. The portal had been cleared and the adit cleaned out for a distance of 79 feet, at which point there was a bad cave of undeterminable length. The adit is timbered with sets on 5-foot centers back and sides lagged.

From what was observed, the operator had no one who was experienced in mining connected with the operation. The equipment which they are working with is inadequate. A number of suggestions were made to the operator in an attempt to help him with the difficulties encountered.

E. A. Magill

E. A. Magill

CC: 3-Wash
2-USGS
DMEA
M/D
EAM

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

So. 157 Howard Street
Spokane 4, Washington

September 12, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMA Field Team, Region II

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

Subject: Routine inspection of progress at Mt. Rainier Mining Company property, Pierce County, Washington, under contract 1d-3383. Docket No. DMA-1608X (Copper and Molybdenum)

A routine inspection was made of the Mt. Rainier Mining Company property on Monday, September 8, 1952. I was accompanied on this inspection by E. A. Magill, U. S. Bureau of Mines. Mr. Ole Oakland and son accompanied us to the property, where three laborers were at work.

Work was progressing at the property under terms of the unit-cost contract, wherein only one unit was concerned, the job of clearing tunnels No. 2 and 3, for inspection and sampling.

Sufficient work had been done at tunnel No. 2 to permit ingress and mapping of the workings. A tape and compass survey was made and five samples were taken of the mineralized fault zone. This tunnel now measures 255 feet long from the first solid timbered set to the face. Indications are that approximately 35 feet of the timbered adit had caved and been removed at the portal. The entire workings consisting of 255 feet of drift, 35 feet of drift on a crosscutting fault, another short 15 foot crosscut, and an 80 foot long and 28 foot high stope, had been timbered when the original work was done. The stope was a filled-square-set type, but a great amount of the fill had run into the adit level by the time of the inspection.

Inasmuch as the adit level was timbered and the entire length of back with the exception of two sets was completely lagged it was difficult to obtain a great amount of geologic information concerning

the mineralized structure on which the drifting had been done. From the information at hand though, it is believed a mineralized fault structure was drifted on, and in all probability this steeply dipping fault was kept near the left wall of the drift. As exposed on the surface directly above the present portal, the fault is not more than one-foot wide. Eighty-two feet from the present portal stoping had been started but continued for 31 feet above the drift level. This stope averages three sets high above the drift sill, but four contiguous sets had been mined four sets above the sill. Exposed in the back of the stope is a fault structure that ranges from 2 to 12 inches wide. Sporadically contained in this fault zone are masses of galena, quite generally associated with copious quantities of black tourmaline (schorlite ?). Indications are that this fault structure was followed in the drift for at least 90 feet beyond the end of the stope. Remnants of the mineralized portions remain on the drift wall but apparently the zone never widened sufficiently for more stoping to be initiated. The face of the drift is in barren ground, only a narrow crosscutting fault being exposed there.

Ninety-two feet from the present portal, a tunnel consisting of seven timbered sets had been made at nearly right angles to the west of the main adit. At the end of this tunnel a five-foot crosscut had been made to the left (south). Here there is exposed two mineralized faults, one trending slightly south of west and the branching one trending nearly southwest. Apparently the tunnel had been a drift on the former structure. Chalcopyrite and tourmaline are present in and bordering these fault structures, the width of the mineralized zone being not more than 18 inches at the widest exposure.

The present portal of No. 2 tunnel is 120 feet still lower east of north and 40 feet lower in elevation than the portal to tunnel No. 2. Access could be gained to only 77 feet of this tunnel, which probably represents 1/3 that of the original tunnel. Stopping on this tunnel level evidences that the last approximately 30 feet mined has been caved and no vein. Caved ore had been encountered in this tunnel and efforts were being made to get through the caved ground. No map was made of this tunnel because the ore zone had not been intersected. Both tunnels are driven in volcanics, the upper tunnel in a light gray felsite and the lower tunnel in a slightly porphyritic volcanic of probable rhyolite composition. Samples were taken at various locations on the mineralized fault structure in tunnel No. 2, but assay results have not yet been received. No copy of the map made as a result of this inspection accompanies this report as it is believed that the project can be soon completed and after the final examination, a complete set of the maps of the two tunnels giving pertinent geologic and assay results will be submitted with the final report.

William F. Duffett

cc: [illegible]
[illegible]
Duffett

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 2 1952

August 28, 1952

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

Re: Docket DMEA-1608X-Copper-Molybdenum
Mt. Rainier Mining Co.
Pierce Co., Washington
Contract Idm-E383

Dear Mr. Johnson:

Enclosed is the original and three copies (Government, Division, and Docket) of subject contract executed by the operator, Mr. Ole Oakland.

By copy of this letter, the copy for the Regional Finance Officer is distributed.

Very truly yours,

Thor H. Kiilsgaard
Thor H. Kiilsgaard
Acting Member, DMEA
Field Team, Region II

Enclosure 1 (in. trip.)

cc: USBM (1) w/o encl.
Reg. Fiscal Officer, Albany w/encl.

FILE COPY
SURNAME:

Schmidt
Ellis

AIR MAIL

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

AUG 4 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-1608
(Copper and Molybdenum)
Mount Baldy Mining Co., Inc.
Seattle, Washington

Dear Mr. Weissenborn:

Enclosed are the original and five copies of the above captioned contract which has been signed by the Government. When the original and all copies have been signed, the copy marked "Operator's Copy" is to be given to the operator and the copy marked "Field Team's Copy" is to be retained in your office, and the copy marked "Finance Officer's Copy" is to be given to the Regional Finance Officer, pursuant to new instructions now being prepared by the Washington office. The original and two copies are to be returned to Washington.

This contract has been written in accordance with your letter of July 2, 1952, and our telephone conversation of July 10, 1952. You will note that the job of cleaning the two tunnels is one unit, and the cost of doing this work does not include the cost of any sampling or assaying. There will be no payments or accounting other than for the completed job of cleaning the tunnels.

Any sampling data you get cannot be given to the operator who is free to do his own sampling and assaying. It will be noted that the answer to one of your telephone questions is given in the contract Article 6 (c) that the work can be terminated if in the opinion of the Government, operations have not indicated the possibility of making any worthwhile discovery. The contract Exhibit B states that the work shall be subject to the approval of the Government. This safeguards your control over any useless expenditure of money for opening more lengths of tunnel as you consider useless.

The period of time within which work shall commence (Article 3 of the contract) is to be filled in when signed by the operators.

Sincerely yours,

(signed) FRANK E. JOHNSON
Chairman, Operating Committee

Enclosures
Approved: J. H. Hedges
Member, Bureau of Mines

D. M. Lemmon
Member, Geological Survey

FSchmidt/jem 7/25/52
cc to: Adm. Reading File Docket
CJohnson-3621 Ned Nelson-4216
Ellis Schmidt Opr. Com.
Field Team, Region II

Rw 4539

FILE COPY
SURNAME:

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

July 24, 1952

Memorandum

To: Acting Administrator

Through: E. W. Ellis

From: Acting Chief Counsel

Subject: Contract Docket No. DMEA 1608, Mt. Rainier Mining Company

There is attached, in satisfactory legal form for execution, a contract covering the subject project, provided that the map (Exhibit B) is attached to the contract prior to execution.

A. E. Kane
Acting Chief Counsel

Attachment

HCRubin/mef
cc to: Mails and Files
H. C. Rubin
J. L. Hofflund
E. W. Ellis
Chron.

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

Department of the Interior
Defense Minerals Administration
RECEIVED
JUL 21 1952

So. 157 Howard Street
Spokane 4, Washington

July 14, 1952

Copper

DMA 1608

Mr. Ole Oakland, Sec. & Treas.
Mount Rainier Mining Co., Inc.
1627 Fifteenth Avenue
Seattle, Washington

Dear Mr. Oakland:

This will acknowledge your letter of July 8. All the information concerning the Mount Rainier Mining Co. application has been sent to Washington, D. C. I had a recent telephone conversation with the Copper Branch in Washington and have been informed that they are now drawing up a contract. I cannot predict how long it may take to clear the contract in Washington, but it ought not to take very long.

Regarding the question of the docket number, the original docket number was 1608x. I presume that because the application was dormant for some time this number was withdrawn and when the application was revived it was given the new number. In any event, I do not think this detail will cause you any particular concern.

We will inform you as soon as the contract is received here.

Sincerely yours,

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

cc: DMEA (2)
USBM, Spokane

7/25/52

A committment to do this work of cleaning out the tunnels was made by the field team on instructions from Washington before our regulations disa llowed this type of work. This committment goes back to Oct 12, 1951 Mittendoff Gowan Ola nd to Weissenborn

Fone conversation with Weissenborn today He approves contract and prefers to have sa mpling kept out of contract t.

Sob

7/21/52

Fone Mrs. Nelson Den Langers office Ole Oakland wants to know whether any of this $3,000 loan can be used on the access road. Answer Nothing said about this access road in the past hence not conemplated ~~spenxin~~ spending any money on road. Wants to know whether he can be reimbursed because he will not own road since it is on Nation Park Mt Ranier. Explained that he cannot ~~own~~ own road and roll it up like a rug and take it home whenever road built on public domain any one can use it. Only when on privafe property can he own it and mines are never that fortunate.

Nelson cooperqtive but trying to placate this applicant.

7/10/52

Memo by Schmidt

Fone conversation with Weissenborn. Idrew his attention to his letter of 7/2 in which he says "Since the amount involved is small, I suggest as simple and flexible a contract as possible — All we are going to do is clean out a couple of adits."

and a lso his letter of 11/6/52 by Kiilsgaard to Oakland offering $3,000 of which $ 2,000 is for labor and $1,000 for supplies and sampling.

I wanted to know whether to include sampling and also analytical work, and he said we could either make it a straight clean out job, and he would tke care of the sampling and asaying in some other way or that we could include the sampling.

~~I drew his attention to his letter of 7/2 in which he offered to make the examination of the tunnels after the owners had cleaned them out, which means that he was in position to do this examination work.~~ and had made a commitment

~~He spoke as though he would like after all, to get the sampling included but that if we made the contradt for just the cleaning out of the tunnels that there would be less accounting troubles.~~ and deferred that.

In order to conform to his wishes for simplicity of contract and since he thought there would be very little ore any way I have decided to make it a simple clean out job. there is also another advantage to this and that is that the operators may need all the money to do the cleaning out and there might be some ill will if any considerable amount were deducted from the $3,000 and if it is not any considerable amount it is probably not an issue that is worth while when the red tape of making the accounting is considered.

Weissenborn who has visited the property thinks there will be very little ore in the tynnels.

Continued pressure by Sen. Langer's office (Mrs Nelson) on this application

Oct 17, 1951 offer $3000 to clean out tunnel Schmidt
mtg to Weissenborn

COPY COPY

MOUNT RAINIER MINING CO., INC.
1627 15th Ave., Seattle, Wn.

Seattle, Washington
June 26, 1952

Re; Docket # D.M.E.A-1608X:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 1952

Dear Mr. Weissenborn:

Your letter of June 25 received and contents noted. We are more than mildly dissappointed in the summary of its contents, that a misunderstanding has taken place. However toes were the facts that the Mount Rainier Mining Co. Inc. have, first, the encouragement given us by the Defence Minerals Committee that met here in Seattle early in 1951 at the Chamber of Commerce at which I, as the Sec. & Treas. stated the requirements of our Company, and gave the amounts needed for a thorough Exploration of the 8 claims that you inspected the surface of in 1950. At that time I aggreed that to give an intelligent report. It should have been prepared for inspection by an expenditure of $3000 or more, however you had no chance to inspect the previous Exploration findings in tunnels or open cuts (of which there are over a dozen) The same figures on road repair and cost full exploration which came to $25,650.80 was given this Defence Committee at that meeting.

Their advice to us was to apply for a D.M.A. Loan giving all and full details of how the loan would be used, plus details of previous exploratiom and ownership. This was done in May 1951.

In November we received information from Washington, D. C. and later from your office that a favorable verdict of a loan of $3000 to clear out tunnels No. 2 & 3, instead of the $25,650.80 for overall Exploration. The value of the results of this plan for at that time of the year Nov.) was debated upon for a long time by the Directors and Stockholders because of the probable waste of money on clearing tunnels 2 & 3 since they were not included in our plans as profitable exploration. All persons connected with our Company firmly beleived that the monies and work should be consentrated on tunnel No. 5 because of its location. The No. 5 tunnel would contact the same main body of ore as 2 & 3 at 800 ft. lower. All this ore gave smelter returns of $59 and $60 per ton net. at Tacoma smelter, copies of the smelter returns was sent in both applications therefore the letter sent you in 1952, asking advice on taking ore out of tunnel #3 when opened...so on the answer we received we finally agreed to accept the $3000 beleiving it to mean just that, budget and expenditures made accordingly. Er (We?) are prepared to do this.

It rests with you and the Washington authorities to grant us this loan or not, but we feel that it is no mistake of ours except perhaps in summing up the interpertation of the $3000 Gov. loan and the fact that we put up a matching fund of $3000.

COPY COPY

We will agree to accept this smaller loan of $1500 for clearing out Tunnels 2 & 3 and repay the loan as designated in the D. M. E. A. loan application rules.

We shall look forward to your favorable assistance in this. NOTICE this, that on this application, any money not used for the purposes stated in the budget will be returned to you OR expended on further Exploration as directed by D.M.A. officials.

Respectfully,

Ole Oakland, Sec. & Treas.
Mount Rainier Mining Co., Inc.
1627 15th Ave., Seattle, Wn.

P.S.
FUNDS MUST BE MADE AVAILABLE IMMEDIATELY FOR OPERATION.

(Pencilled note on bottom of letter by Ole Oakland)

Its just on Snowflake claim, is that right.- the loan.

P.S. The main thing is to get it now (the loan). We have spent 1250 on surveys since you were here but thats paid for now.

(The following is a separate note to Weissenborn marked "Personal".)

We are all set to go on the opening up of tunnels and open cuts as far as our money will go. There is some of the old stockholders that wants me to go to the 10 vein on No. 1 tunnel - where you was in 575 feet. The shaft is down 15 or 16 feet. The ore body goes from there back to where the sacks of ore are. It's from 35 to 50 feet and they want to go down on this the 15 feet and ship this ore. The smelter gave only $26.60 per ton on this. With the difficult transportation from that point to Lower Camp grounds there seems to be too small margin for profit as a pumping system would have to be retained in tunnel or shaft at all times on accout of water. What would you advise on such a proposition. It's possible if ore holds or increase in value. It was in 1928 when last ore was shipped out of there. P.S. We must take to smelter several ton of ore. What really should be is $25,680 development loan on tunnel 5.

COPY COPY

MOUNT RAINIER MINING CO., INC.
1627 15th Ave., Seattle, Wn.

Seattle, Washington
June 26, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 1952

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(The following is a separate note to Weissenborn marked "Personal".)

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COPY COPY

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1627 15th Ave., Seattle, Wn.

Seattle, Washington
June 26, 1952

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7/8/52 gla

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

JUL 7 - 1952

July 2, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Johnson:

In response to a phone call from the Rare Metals and Copper Branch, I have again contacted the Mount Rainier Mining Co. I have told them that there was a misunderstanding on their part and that the total amount of the contract the government would consider amounts to only $3,000, not the $6,000 as interpreted by the company. I also attempted to dissuade them from accepting this contract, pointing out that the amount was small and that they might wish to do the work themselves. I told them that under the circumstances we would be glad to examine their property when the tunnels were opened up and would assist them in working out a more extensive program if such appeared justified. The Company, however, chooses to go ahead and ask for a contract for the opening up of the No. 2 and 3 tunnels, both of which are on the Snowflake Lode claims.

It is virtually impossible to obtain any more information on costs from the applicant. Since the amount involved is small, I suggest as simple and flexible a contract as possible--all we are going to do is clean out a couple of adits. The optimum contract, from our point of view, would be to pay a lump sum for the job--and the closer you can approach this, the better. Any other type of contract will certainly involve us in tremendous difficulties in accounting, recording and vouchering.

I fear that at best the contract will give us lots of headaches and that it will yield only negative information. However, if we are going to give a contract, I hope that it can be procured in the minimum time.

I am enclosing copies of Mr. Oakland's last letter.

Sincerely,

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

This will be sent in the next mail. aew

Enclosures

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

So. 157 Howard Street
Spokane 4, Washington

JUL 7 - 1952

July 2, 1952

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Chairman, Operating Committee
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Field Team, Region II

Enclosures

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

JUL 7 1952

So. 157 Howard Street
Spokane 4, Washington

July 2, 1952

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

Enclosures

7/7/52 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 1952

So. 157 Howard Street
Spokane 4, Washington

July 3, 1952

Mr. Ole Oakland
Secretary-Treasurer
Mount Rainier Mining Co., Inc.
1627 - 15th Avenue
Seattle, Washington

Re: Docket No. DMEA ~~2531~~, 1608
Copper, Mt. Rainier
Mining Co., Seattle, Wn.

Dear Mr. Oakland:

I have transmitted your letter of June 26 to our Washington office for whatever action they consider appropriate and have requested an early reply.

You should not begin any work, however, until and unless you have received a valid signed contract, unless your company is willing to assume the full cost of the work itself. No work done prior to the agreement date of a contract is chargeable to that contract.

When I visited the property with you in September 1950 I could find no ore on the dump of No. 5 tunnel and I understood you to say that No. 5 tunnel had not reached the ore. On the other hand, ore specimens can be found on the dumps of No. 2 and 3 tunnels, and if anything at all is to be done on the property, it would appear that the logical first step would be to open up these two tunnels to see what the ore looks like. This should not cost a great deal. If the ore looks encouraging consideration might be given to extending the No. 5 tunnel (either by the company on its own initiative or as another contract): if the ore didn't look good there would be little justification for further work. This is why cleaning out the No. 2 and 3 tunnels seems an essential first step before anything else is done.

In regard to your No. 1 tunnel, I presume you mean the tunnel on the Stronghold No. 1 Lode claim. I mapped and sampled this and I agree with you that the ore is not rich enough or wide enough to stand the cost of transportation from this inaccessible locality. I definitely would not recommend sinking at the present time; as you point out, the cost of installing and servicing pumps would be very high.

Sincerely yours,

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

cc: DMEA, Washington, D.C. (2)
USBM, Spokane (1)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 1952

So. 157 Howard Street
Spokane 4, Washington

July 3, 1952

Mr. Ole Oakland
Secretary-Treasurer
Mount Rainier Mining Co., Inc.
1627 - 15th Avenue
Seattle, Washington

Re: Docket No. DMEA ~~8521~~, 16 08
Copper, Mt. Rainier
Mining Co., Seattle, Wn.

Dear Mr. Oakland:

I have transmitted your letter of June 26 to our Washington office for whatever action they consider appropriate and have requested an early reply.

You should not begin any work, however, until and unless you have received a valid signed contract, unless your company is willing to assume the full cost of the work itself. No work done prior to the agreement date of a contract is chargeable to that contract.

When I visited the property with you in September 1950 I could find no ore on the dump of No. 5 tunnel and I understood you to say that No. 5 tunnel had not reached the ore. On the other hand, ore specimens can be found on the dumps of No. 2 and 3 tunnels, and if anything at all is to be done on the property, it would appear that the logical first step would be to open up these two tunnels to see what the ore looks like. This should not cost a great deal. If the ore looks encouraging consideration might be given to extending the No. 5 tunnel (either by the company on its own initiative or as another contract): if the ore didn't look good there would be little justification for further work. This is why cleaning out the No. 2 and 3 tunnels seems an essential first step before anything else is done.

In regard to your No. 1 tunnel, I presume you mean the tunnel on the Stronghold No. 1 lode claim. I mapped and sampled this and I agree with you that the ore is not rich enough or wide enough to stand the cost of transportation from this inaccessible locality. I definitely would not recommend sinking at the present time; as you point out, the cost of installing and servicing pumps would be very high.

Sincerely yours,

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

cc: DMEA, Washington, D.C. (2)
USBM, Spokane (1)

7/2/52 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1952

Meanwhile, with the reorganization of the DMA into the Defense Materials Procurement Agency and the Defense Minerals Exploration Administration, the policy of the DMEA has changed and we are no longer permitted to enter into a contract merely to open up, map, and sample an old mine working. However, after discussions with Washington, it was decided that because of the previous commitment made to the Mount Rainier Mining Company an exception would be made in your case and the DMEA would be prepared to enter into an exploration contract with you to clean out and sample the two tunnels but only to the extent of a total cost of the $3,000 mentioned in our letter of November 14. If this is acceptable to you, please let us know and we will immediately contact our Washington office and request that a contract be drawn up on this basis.

You will doubtless feel that this is a very small amount to devote to mine exploration and I will agree that it is. On the basis of present knowledge of the property we are unable to plan a more extensive exploration program, and the purpose of this small amount is merely to open the two tunnels in the cheapest possible manner and with the least possible equipment and make a thorough examination. We estimate that this could be done for around $3,000. It should then be possible to determine once and for all whether further work is justified or not. It is possible that because of the small amount involved you may wish to undertake this preliminary work yourself. This might be the better way as it would give you greater freedom of action and would allow you to do the work in your own time and in your own way. If you should decide on this course, we would be glad to inspect the tunnels after they are opened and advise you on what your next step should be. We cannot guarantee that we would make a favorable recommendation, but we would make a prompt examination. We would make an impartial study of your property and if, in our opinion, the circumstances warranted, we would be glad to assist you in working out a program of further exploration. This last would, of course, depend wholly on the value of the showings in the two tunnels, and unless the showings justified more work we would not recommend additional exploration.

Please advise of which course you wish to follow. If you decide to continue with the proposal involving a total expenditure of $3,200 ($1,[illegible] for your share and $1,500 as the Government's share), we will attempt to work out a contract in the shortest possible time.

Sincerely,

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

cc: [illegible]
[illegible]

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

W. P. MARSHALL, PRESIDENT

1201

SYMBOLS
DL=Day Letter
NL=Night Letter
LT=Int'l Letter Telegram
VLT=Int'l Victory Ltr.

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

:WP003 NL PD=SPOKANE WASH JUN 24= 1952 JUN 25 AM 7 38

:C O MITTENDORF=

:ADMIN DEFENSE MINERALS EXPLORATION ADMIN=

:REURTEL MOUNT RAINIER MINING COMPANY DMA1608 AM CONTACTING OPERATOR AND ATTEMPTING TO WORK OUT SATISFACTORY CONTRACT=

:A E WEISSENBORN=

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 25 1952

:DMA1608=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

JUN 25 8 48 AM '52
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

FILE COPY
SURNAME:

Schmidt
Ellis

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

n.s. in R. & R.

C. O. Mittendorf, Acting Administrator
Defense Minerals Exploration
Administration
1420137 Salaries and Expenses,
Defense Production Activities

Interior, 1952

June 24, 1952

A.E.WEISSENBORN
SOUTH 157 HOWARD STREET
SPOKANE 8, WASHINGTON

PLEASE WIRE STATUS MOUNT RAINIER MINING COMPANY APPLICATION DOCKET

DMA-1608 STOP HAVE INQUIRIES FROM INTERESTED SENATOR.

C. O. Mittendorf (for)

C.O.MITTENDORF

FSSchmidt/jem

cc to: Adm. Reading File
Docket
Messrs. Ellis
Schmidt

6/24/52 DMA 1608

Mrs. Nelson of en Langers office foned to say that Mr. Ole Oakland of the Mt. Rqinier Mining Co had written her on the 6/20 saying that on 6/17 he had wired Weissenborn in accordance with her advice to get in touch with Weissenborn and get up a new application for $3,000 total instead of $6,000

Oakland has not heard from Weissenborn and wants Langers office to contact us and tell him what to do.

We dan either fone Weissenborn and have him make contact or write him a letter or write Oakland. If we fone Weissenborn and have him contact Oakland which is what we told him to do. we can then inform Langers office to inform Oakland that Weissenborn will contact him. Langers office wants to know what to do next and I told Mrs. Nelson to do nothing until we decided.

E Weissenborn mvu 6/24
Reassume status mt Rainier Mining Co applic
Dana DMA 1608 stop leave papers
from interior Department.

~~Frank Johnson~~
MJK

6/16/52

Fone with Mrs. Nelson of office of Ken Langer tie line 190 Extension 82 Mrs. Nelson

Told her that Oakland of Mt Ranier co had made mistake about his application for $3000 and that thex Weissenborn had been instru instructed to conta ct Iakland which Oakland said had not been done and he should get up new application for $3,000 and we would go to wrk on it at once. This is a committment by us of long stznding

She siad she would would wire Oakland to contat Weissenborn

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Co., Inc.
1627 - 15th Avenue
Seattle 22, Washington

Dear Mr. Oakland:

On May 17, 1952, this office received from the Defense Minerals Exploration Administration Field Team, Region II, a revised application for exploration assistance under Docket No. DMEA 1608X. Acknowledgment of the receipt of this revised application was sent you and erroneously re-docketed under DMEA 2531. Please be informed that your revised application has been made a part of your original file under Docket No. DMA 1608X. All future correspondence regarding this application should be identified under Docket No. DMEA 1608X.

Sincerely yours,

Robert E. Adams
Administrative Officer
Defense Minerals Exploration
Administration

REAdams/meb
5-27-52
cc to: Adm.Reading File
Mails & Files Br.

FILE COPY
706 URNAME:

Schmidt
Ellis

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

May 23, 1952

MEMORANDUM

To: Messrs. C. H. Johnson, Bureau of Mines
Ned Nelson, Geological Survey

From: Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Subject: Mt. Rainier Mining Company
Mount Ruth Group, Glacier Basin,
Mt. Rainier National Park
Docket Nos. DMA-1608 and DMEA-2531

cc 5/26

Reference is made to MF-103 application dated April 15, 1952, received through the DMEA Executive Officer of Region II, which was docketed under number DMEA-2531.

Attached are copies of memorandum transmitting the subject application, together with explanatory memorandum written by Mr. Weissenborn on May 8, 1952, for your information.

Ernest Wm. Ellis

FSSchmidt/jem
cc to: Adm. Reading File
Docket
Ellis
Schmidt

Memo Schmidt Docket 1608 x Mt. Ranier(copper)

The date of this application is May 29, 1951

The original application called for $25,650.80

To build and repair a road 19,000 ft. from White River Camp to Mine.

Dewater and clear tunnels No.2 and No. 3 (dewater a tunnel) ''''''' on Stronghold Claim There is no Stronghold claim. There is a Stronghold No.1 claim

Core drilling and testing of molybdenite on the claim where that mineral was disdovered (Claim not mentioned)

In the Review (questions and answers) Waugh and Macharen say (question 17) Field team does not think too much of the property. It is recommended that any contract be limited to cost of opening No 2 and No 3 tunnels and that, before additional assistance be granted the field team reexamine these tunnels.

In letter 6/1/51 Weissenborn(executive officer field Team) says
"
There are some showings of copper-gold bearing rock but little evidence either on surface of underground in the one accessible working to indicate an appreciable tonnage of minable grade rock. There is little evidence from dumps or records to indicate that a significant quantity of ore was ever found in the now inaccessible workings. The 47 tons shipped in 1927 is a very slim return for 45 years of operation and the expenditure of what must have been a considerable sum of money for exploration. There is little evidence to indicate that additional prospecting would be any more fruitful. He says further that he never recommended anything more than that they would reexamine the property IF the owners cleaned out tunnels 2 and 3 He says he considers the proposed exploration as a "poor bet" He would not have strong objections if a contract were let to just open the old tunnels

Another letter of Wsissenborn 4/4/51 to Mr. Oakland of the Applicant Co.

"From the exzmination we made last fall there is not enough ore visible to justify a DMA loan. If it were possible for you to open the No 2 and 3 tunnels we would then be able to determine whether further exploration would be warranted. Frankly I was not greatly impressed with what I saw on the surface or in the one tunnel we were able to enter but if you can clean out the No 2 and 3 tunnels so that they can be looked at, we would be glad to reexamine the property."

Then there is a letter 10/12/51 from Mittendorf (Selfridge) to Weissenborn sayihg that "application approved by Supply Division for $3,000 instead of the $25,650 80 to clean out and sample in one month the No 2 and 3 tunnels mentioned in his letter of June 1(quoted above) As the company has not been consulted about the counter proposal will you secure its reaction to the smaller project. If the Co is agreeable to the reopening of the two adits please obtain necessary detail regarding number of men wages etc."

~~There is no answer to this letter in the files from Weissenborn or from the Co. and naturally before anything else can be done it should be ascertained what the applicant wants to do about this. No matter what the Co decides there should have been some answer from Weissenborn.~~

~~A memo from Chas Johnson to Gowan says "I'll concur in a denial or in a contract limited to opening the 2 workings referred to in Weissenborns letter of 4/4/51 known as No 2 and 3 etc etc I do not believe it would be desirable to write a contract for any further work beyond the reopening and sampling."~~

(Schmitt When it comes down to a deal where the company can only get ½ of $3,000 loan to do this work, it is not much of a solution to their problem. ~~(They have 100,000 shares of stock permitted to be sold by the PSC) and I think Weissenborn does not think enough of the property to justify any loan at this stage. The company should clean out~~

Possibly

It is not a question at this time what we think about this matter.

It is a question whether this company wants this kind of a contract $3,000 total

Lets get that settled first. This letter of 10/12/51 is a committment by

Mittendorf in which he says that the application has been approved by the

Supply division for $3,000

~~Contract written and 6 copies ih the file. for the $3,000~~

Whether this $3,000 loan should be made is out of our hands? It simply rests with

the applicant to accept it?

~~The answer to Mittendorfs letter of 10/12/51 from Weissenborns offide is by~~

~~Kiilsgaard executive officer Field Team~~

~~" Company has been notified of counter proposal Further information from the Co~~

~~will be forwarded upon receipt. This office is not favorably impressed with~~

~~the property. chances of finding commercial ore bodies are remote and property is~~

~~relatively inaccessible. etc etc. "" Considers this loan as of negative value in~~

~~proving the property to be " unfeasible of continued exploration " Park Service~~

~~not optimistic concerning mineral potential, and property is within Park Area.~~

So far two months and 20 days later there is no reaction from the ~~Ranier&xx~~

Applicant. No further word from Weissenborns office.

Schmidt recommendation

Get answer from the Mr. Ranier mining co for the files saying tha they will either

accept the modification in which case we can process it, (the contracts are written)

or if they do not we can then close the file.

To get this answer we can ask Weissenborn whether he will please contact the applicant

and geta decision in writing so we can do one thing or the other.

Weissenborns last letter was 11/6/51 The project has been waiting for this decision

since that time. Now we want an answer.

~~It is ouite cleor from all the correspondence that no one has any confidence in this project and they all act as though they did not wnat to be put in the poisition of taking a definite stand condemning it but would gladly welcome some one else doing so. If we have not made a definite committment I think it would be relief to all our men if the application could be closed.~~ Mittendorf has had no correspondence with the applicant and has simply instructed Weissenborn to contact the applicant and ascertain whether the change is agreeable to them and Weissenborn has replied that the applicant has been notified. He has no answer as of this time.

As an alternative should we give the applicant a definite time limit within which to give us a decision in writing.

Dalton fone call to Sen. Langer 5/28/52

Mt. Ranier Mining Co DMA 1608

Ole Oakland of the Mr. Ranier Co notified Nov 6 1951 that his application was denied but we would accept application for $6,000 to simply clean out the 2 tunnels.

April 15 52 new appoication for $6,000

May 26 52 Schmidt foned Weissenborn instructing hij to contadt the applicant and ask him whether he wanted the $3,000 contract to simply clean out the tunenls or whether he wanted to clean them out himself and have us make examination after that.

At present the status is that conference is to take place between Wessenborn and Oakland.

5/28/52 9:15 am Fone call to Mrs. Nelson Sec. of Sen Langer.
Agreed to fone her
Via line 190 Ex 82
When I heard from Wessenborn as to what the decision was

Fch.

May 27, 1952

Mr. Schmidt:

Herewith is returned the consolidated file on Mt. Rainier Mining, DMEA-1608X.

- - -

On the same docket:

Mr. Mittendorf's secretary transmitted a telephone inquiry from Senator Langer's secretary, Mrs. Nelson, regarding status. They had received a telegram from their Spokane office, as I understand it about the application filed by Ole Oakland. He is the one who signed the application in 1608X.

Will you please phone her and explain the status? Of course, I could tell her what the score is and that Weissenborn has been requested, by long distance phone yesterday, to contact the applicant in regard to his misunderstanding of applying for $6,000 in the resubmission as against the $3,000 determination by DMA. However, I thought you would prefer talking to her. You can reach her on Govt. tie line 190 Mrs. Ault
Extension 82

May 26 / 5 — 3 P.M. 45

Schmidt joined Wessenborn to contact Mt Rainier Co & ascertain whether they would agree to offer made them on Nov. 6 for $300 contract

Wessenborn that that since they had raised some money they might clean out the 2 tunnels & then we could make team.

FILE COPY
SURNAME:

200

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

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Co., Inc.
1627 - 15th Avenue
Seattle 22, Washington

Dear Mr. Oakland:

On May 17, 1952, this office received from the Defense Minerals Exploration Administration Field Team, Region II, a revised application for exploration assistance under Docket No. DMEA 1608X. Acknowledgment of the receipt of this revised application was sent you and erroneously re-docketed under DMEA 2531. Please be informed that your revised application has been made a part of your original file under Docket No. DMA 1608X. All future correspondence regarding this application should be identified under Docket No. DMEA 1608X.

Sincerely yours,

ROBERT E. ADAMS ce 5/27

Robert E. Adams
Administrative Officer
Defense Minerals Exploration
Administration

READams/meb
5-27-52
cc to: Adm.Reading File
Mails & Files Br.

5/26/52 gla

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

So. 157 Howard Street
Spokane 4, Washington

May 23, 1952

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

Re: Docket No. 1608X
(Copper Molybdenum)
Mt. Rainier Mining Co.
Seattle, Washington

Attention: Mr. Ellis

Gentlemen:

This letter is in response to a phone call today from Mr. Ellis relative to the Mt. Rainier Mining Company application. Mr. Ellis pointed out, that in the Executive Officer's letter of May 8 forwarding the new Mt. Rainier application, it was stated that a copy of our letter of November 6 to the Mt. Rainier Mining Company was enclosed but that we had failed to enclose it.

A copy of this letter is enclosed. Also, so that Mr. Ellis will be fully informed I am enclosing copies of all our correspondence with the applicant. This includes the following:

March 30	Ole Oakland to A. E. Weissenborn
April 4	A. E. Weissenborn to Ole Oakland
Nov. 6	Thor Kiilsgaard to Ole Oakland
Nov. 24	Ole Oakland to A. E. Weissenborn
Nov. 29	Verne Fryklund to Ole Oakland
Feb. 6	Elton Youngberg to Ole Oakland
Feb. 14	Ole Oakland to A. E. Weissenborn
Feb. 25	Elton Youngberg to Ole Oakland

It is presumed that you have in your files copies of all other correspondence relating to the application (between the Field Team and the Operating Committee, etc.). You may feel that we are now so committed that we will have to follow through with a contract. However, as Mr. Ellis has pointed out, that in the time that has elapsed since we proposed a reduced alternative, policy has changed, and we no longer can enter into a contract merely to clean out, map, and sample an adit. This may not deter Mr. Oakland, as he would undoubtedly be only too pleased to undertake additional work, which unless the tunnels look a lot better than I think they will, is

completely unjustified. Further, Mr. Oakland has misinterpreted the counter-proposals made in Mr. Mittendorf's letter of October 12, 1951, and transmitted to him in Mr. Kiilsgaard's letter of November 6; and is thinking of a $6,000 exploration, wherein we are thinking of half that amount.

For reasons outlined in previous correspondence, I feel that we should be well advised not to enter into this contract. Perhaps the slowness of the company in presenting a proposal provides sufficient justification for considering our former proposal as no longer valid. Our policies have changed in the interval and perhaps we should go back to the statement made in my first letter under date of April 4, in which I stated, "I was not greatly impressed with what I saw on the surface or in the ore tunnel we were able to enter, but if you can clean out the No. 2 and 3 tunnels so that they can be looked at, we would be glad to re-examine the property." Our present policy precludes us from doing this sort of work and information on which to lay out any reasonable exploration program is completely lacking. Could we not make the proposition that, if they would undertake the preliminary work of cleaning the tunnels on their own, we would examine them and help them work out a program for further exploration, if such seems justified? We should, however, make clear that we will judge the showings on their merits but we are not optimistic concerning the results.

Sincerely yours,

A. E. Weissenborn

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

Enclosures

cc: USBM
USGS (SRO)

C
O
P
Y

H. A. Peterson, Pres.
Thor Oakland, Dir.
Carl H. Labiske, V.P.

Ole Oakland, Sec. & Treas.
Albert H. Bodelson, Dir.

MT. RAINIER MINING CO., INC.
A Washington Corporation
Seattle, Wash.

March 30, 1951

Mr. A. E. Weissenborn,
D.M.A. Director
Spokane, Washington

Dear Sir and Friend:

Can we expect financial aid on our property in the Mt. Rainier Nat. Park? You were in the party that went up the last Sept. Although the tunnels were closed, we do have a plan for 1951. This is our plan; First to repair the road up to the mine property 18 to 19000 feet, just a passable truck road can help. This can be had at approximately $2800. Secondly---We intend to reopen No. 2 and No. 3 tunnels (that is the place we had to crawl in) to get to the face of the tunnel produce ore. We must erect an aerial cable tram to get the ore to the road. The cost estimated is $5,000. This will take about 20 days. The third...We want a core drill test on the molybdenum claim. The cost of the test has not been determined as yet as the drill outfits are quite costly to get up to the property, but this claim had such fabulous tests made in 1906 and even earlier and we would like to know just what and how much there is there. Mr. Westby advised us to explore this thoroughly and now is the time for molybdenum and manganese. There is quite a bit of copper pirates in this ore too. Can funds be had for exploration? To what extent is a drill needed to go down at least 100 ft? Fifth...We also plan to clear out tunnel No. 5 where the machinery and cabins are and the timber. We plan to drive this up 1100 ft. then we know we will have a continuous body at 800 ft. depth. The necessary steps to take is what we would like to know and need at this time. Mr. Preston and Mr. Bill have modified the technicalities so it is possible to either build or repair the road. Mr. Bevar, at the Chamber of Commerce in Seattle has advised us on the delay of the necessary blanks and preparations needed. A Processing plant on the west side seems to me to be the real necessity.

The time for work is short up there, Can we get this done in time for the 1951 season?

Respectfully yours,

Ole Oakland, Sec. & Treas.
Mount Rainier Mining Co.
Seattle, Washington
c/o 13403 Interuban S.

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

April 4, 1951

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Company
13403 Interuban S.
Seattle, Washington

Dear Mr. Oakland:

This will acknowledge your letter of March 30 concerning the Mount Rainier Mining Co. From the examination which we made of the property last fall, it is evident that there is not enough ore visible on the property to justify a Defense Minerals Administration loan. If it were possible for you to open the No. 2 and 3 tunnels, where apparently most of the underground development had been done, we would then be able to determine whether the property would warrant further exploration. Unless the ore showings in these tunnels are encouraging, I do not believe that much further work is warranted on the property, and I do not believe that the property could qualify for a Defense Minerals Administration loan. Frankly, I was not greatly impressed with what I saw on the surface or in the one tunnel we were able to enter, but if you can clean out the No. 2 and 3 tunnels so that they can be looked at, we would be glad to re-examine the property.

Sincerely yours,

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

So. 157 Howard Street
Spokane 4, Washington

November 6, 1951

Mr. Ole Oakland
Secretary and Treasurer
Mt. Rainier Mining Co.
13403 Interburn S.
Seattle, Washington

Dear Mr. Oakland:

A recent letter from Mr. C. O. Mittendorf, Director, Production Expansion Division, Defense Minerals Administration, advises this office that your application for exploration assistance for the Mt. Rainier Mining Company is being favorably considered but for a substantially smaller sum than you originally applied for. Production Expansion Division would favor a contract of $3,000 to be spent in cleaning out and sampling the nos. 2 and 3 tunnels. Approximately $2,000 of the sum would be allotted to labor, including room and board, and $1,000 for supplies and sampling. In the event sampling in the nos. 2 and 3 tunnels proved encouraging, a more extensive exploration program might be considered; otherwise the exploration project would be discontinued.

If the Mt. Rainier Mining Company in agreeable to the smaller proposed contract, will you please submit to us information regarding the number of men you propose to hire, their estimated wages, and what supplies are required and the costs thereof, that you will need to complete the project. Some of the funds may be allotted to packing to and from the property. This information is required by the Washington office and will be used in preparing the contract on the exploration project.

There is also some question in Washington as to why the Reven claim is not included in the eastern group of claims since it has the same patent number. Is this claim to be considered as part of the property to be explored?

We assume that if you are agreeable to the aforementioned smaller contract, that you are prepared to share with the Government on a 50-50 basis in the cost of the project.

Sincerely,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

C
O
P
Y
(1608X)

MOUNT RAINIER MINING CO. INC.
1627 15th Ave., Seattle, Wn.

November 24, 1951

Mr. A. E. Weissenborn
Executive Officer, DMA
157 Howard Street
Spokane, Washington
Field Team, Region II

Dear Sir;

Your letter of Nov. 6th received and contents noted. Your letter followed me to No. Dak. and back. I just received it today.

On call, the Directors met with me and we decided to accept the reduced sum of $3000. As this will have to be allocated to the different expenses for this Exploration, the cost of same has to be ascertained as correctly as possible....The project as outlined in the original application is as correct as it is possible to be under the circumstances, but the reduced amount and the reduced exploration area has to be gone over and planned so as to make it as successful a venture as possible. Since the season is now too late to do any profitable work on this project, we wish to have you hold this DMA Loan in abeyance so that we can adjust ourselves to the requirements under this new setup.

In answer to your question concerning the Rever claim, the No. 1148 is a survey number, not a patent number.

Yours truly,

Ole Oakland, Sec. & Trea.
Mount Rainier Mining Co., Inc.
1627 15th Ave., Seattle, Wn.

P.S.
To get co-operation from the stockholders on this reduced exploration loan, a proposal was made to take ore from tunnel no. 3, (when we get it open) to haul or ship it to the Tacoma smelter in as great a tonnage per day as possible. Is there any objection to this? Please advise.

Thank you!

C
O
P
Y

So. 157 Howard Street
Spokane 4, Washington

November 29, 1951

Mr. Ole Oakland
Mount Rainier Mining Co., Inc.
1627 - 15th Avenue
Seattle, Washington

Dear Mr. Oakland:

Thank you for your letter of November 24. We will stop any further action on your loan until it is convenient for you. I agree with you that there should be considerable planning as to the expenditure of the money; the second paragraph of Mr. Kiilsgaard's letter of November 6 contains several items that should be considered in your planning.

There would be no objection to removing ore from the No. 3 tunnel after it is reopened. The Government would, of course, receive royalty payments for any ore shipped. These payments would in no case exceed the total amount of the Government's participation in the exploration and would be applicable only if ore were actually shipped.

Sincerely,

Verne C. Fryklund, Jr.
For: A. E. Weissenborn
Executive Officer, DMEA & DMPA
Field Team, Region II

So. 157 Howard Street
Spokane 4, Washington

February 6, 1952

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

Re: Docket No. DMEA 1608
Copper Molybdenum
Mount Rainier Mining Co.
Seattle, Washington

Dear Mr. Johnson:

The Mount Rainier Mining Co. advised this office in a letter dated November 24, 1951, that the board of directors of that company had accepted the counter proposal of DMA and would consider a reduced program costing $3,000. They, at the same time, requested the application be held in abeyance as the season was too late and so they could adjust themselves to the requirements under the new setup. Presumably the delay was requested for the purpose of raising funds.

A letter has been written to the company requesting that they advise this office if they wish to proceed with their application.

We are somewhat in a quandary as to the statement in your letter that the reduced contract, as proposed, does not fall within the scope of an exploration contract as this proposal originated in Washington. Please refer Mr. Mittendorf's letter of October 12, 1951, in which he notified this office that the Supply Division had approved the expenditure of $3,000 instead of $25,650.80 as requested in the application, and proposed the smaller fund be spent for opening two old adits. The Supply Division apparently based their counter proposal upon the following statement by Mr. A. E. Weissenborn in his letter to Mr. L. F. Strobel, June 1, 1951, "I therefore regard the proposed exploration as a rather poor bet, but a relatively small amount spent in opening up the old tunnels sufficiently so that they could be examined would quickly show whether anymore work should be done on the property." The Supply Division apparently considered the reopening of the old tunnels within the scope of an exploration project and made the counter proposal now under consideration.

Since this office has approached the Rainier Mining Co. with the counter proposal outlined to us by the Production Expansion Division,

it appears it would now be difficult to withdraw this proposal without causing bad relations with the applicant. It is quite possible, however, that the applicant will withdraw his application and the matter will take care of itself.

Sincerely yours,

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM-Spokane

EAY/bh

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MOUNT RAINIER MINING CO., INC.
Seattle, Washington

February 14, 1951

Mr. A. E. Weissenborn
U. S. Dept. of Interior,
So. 157 Howard St.,
Spokane, Washington.

Dear Sir:

At our last Annual Stockholders Meeting of the Mount Rainier Co., Inc. the members representing 64,000 votes instructed the Board of Directors to continue the program set up in 1950 that is the continuance of the road building and repair and to further pursue the application of the D.M.A. loan.

In reply to the letter we received from your office on Feb. 8th requesting us to supply plans and estiminates on the proposed exploration work, you did not send us any blanks or plans for us to follow. We would appreciate it if you would send us some.

We will cooperate in openings tunnels no. 2 & 3 but the road and rebuild must come first as transportation is vitally important to us. We have spent over $240,000 on this property since 1905. We have 3 3/10 miles of road that is surveyed, maped and staked. The contract for the road repair of the 3 3/10 miles has been agreed upon for half cash and half stock. Would we be allowed under the D.M.A. loan to offer and pay the people we must employ half in stock and half in cash? We have several men who have agreed to do this. We have adequate camp facilities to take care of 6 or 7 men, also tools and some equipment. We intend to put 6 men to work, one overseer, at $2.45 pr hour plus board and room and transportation the total cost of that at approximately $5800, including road build. A possible cash outlay for an additional $600 or $650 for a second hand truck or jeep. There is known to be 75 ft. of cave in one tunnel and 40 to 50 ft in No. 3, maybe more. As to the feasibility of this plan you may consult Mr. J. N. Mc Donald, Mining engineer, 960 Colman Bldg. Seattle, Wn.

If it is agreed that we can use stock as a part of the Matching fund along with the cash on hand and the cash expected thru subscriptions it will amount to over $3000.

We would appreciate an early reply. Thank you!

Yours truly,

/s/ Ole Oakland

Ole Oakland, Sec. & Treas.
Mount Rainier Mining Co., Inc.
1627 15th Ave., Seattle, Wn.

Note

No accurate estimate can be given of cost Tunnels may cost more to clear out.

/s/ Ole Oakland

C
O
P
Y

So. 157 Howard Street
Spokane 4, Washington

February 25, 1952

Mr. Ole Oakland, Sec. and Treas.
Mount Rainier Mining Co., Inc.
1627 Fifteenth Avenue
Seattle, Washington

Dear Mr. Oakland:

Enclosed are five copies of Form MF-103, which you requested in your letter of February 14, 1952. Please complete five copies, return four to this office, and retain one for your files. Questions 3-9 of the application concern your plans for exploration and cost estimates of the proposed exploration work. These questions should be answered in detail.

You ask whether you might finance by paying for your half of the labor in stock; this arrangement has not been common practice by DMA applicants. The Government, however, has not objected to the sale of stock to provide matching funds, provided such sales are in accordance with Security and Exchange Commission regulations.

Sincerely yours,

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

COPY

So. 157 Howard Street
Spokane 4, Washington

February 6, 1952

Mr. Ole Oakland, Sec. and Treas.
Mount Rainier Mining Co., Inc.
1627 Fifteenth Avenue
Seattle, Washington

Dear Mr. Oakland:

We have held up the completion of your exploration application as requested in your letter of November 24, 1951. If you are still interested in completing the application, you should advise this office as the season is rapidly approaching when active exploration can again be resumed. Since processing your application will take some time, you should let us know at once if you desire to proceed with your application.

Sincerely yours,

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

This copy of letter of February 6 was omitted as enclosure to original letter of May 23, 1952 (copy attached).

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

[illegible] Street
[illegible], Washington

May 23, 1952

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

Re: Docket No. 1096A
(Copper Molybdenum)
Mt. Rainier Mining Co.
Seattle, Washington

Attention: Mr. Ellis

Gentlemen:

This letter is in response to a phone call today from Mr. Ellis relative to the Mt. Rainier Mining Company application. Mr. Ellis pointed out, that in the Executive Officer's letter of May 6 forwarding the new Mt. Rainier application, it was stated that a copy of our letter of November 5 to the Mt. Rainier Mining Company was enclosed but that we had failed to enclose it.

A copy of this letter is enclosed. Also, so that Mr. Ellis will be fully informed I am enclosing copies of all our correspondence with the applicant. This includes the following:

March 30	Ole Oakland to A. L. Weissenborn
April 8	A. L. Weissenborn to Ole Oakland
Nov. 6	Thor Hillsgaard to Ole Oakland
Nov. 24	Ole Oakland to A. L. Weissenborn
Nov. 29	Verne Hayland to Ole Oakland
Feb. 6	Milton Youngberg to Ole Oakland
Feb. 14	Ole Oakland to A. L. Weissenborn
Feb. 26	Milton Youngberg to Ole Oakland

It is presumed that you have in your files copies of all other correspondence relating to the application (between the Blond Team and the Operating Committee, etc.). You may feel that we are now so committed that we will have to follow through with a contract. However, as Mr. Ellis has pointed out, that in the time that has elapsed since we proposed a reduced alternative, policy has changed, and we no longer can enter into a contract merely to clean out, map, and sample an adit. This may not deter Mr. Oakland, as he would undoubtedly be only too pleased to undertake additional work, which unless the tunnels look a lot better than I think they will, is

completely unjustified. Further, Mr. Oakland has misinterpreted the counter-proposals made in Mr. Mittendorf's letter of October 12, 1951, and transmitted to him in Mr. Kiilsgaard's letter of November 6; and is thinking of a $6,000 exploration, wherein we are thinking of half that amount.

For reasons outlined in previous correspondence, I feel that we should be well advised not to enter into this contract. Perhaps the slowness of the company in presenting a proposal provides sufficient justification for considering our former proposal as no longer valid. Our policies have changed in the interval and perhaps we should go back to the statement made in my first letter under date of April 4, in which I stated, "I was not greatly impressed with what I saw on the surface or in the ore tunnel we were able to enter, but if you can clean out the No. 2 and 3 tunnels so that they can be looked at, we would be glad to re-examine the property." Our present policy precludes us from doing this sort of work and information on which to lay out any reasonable exploration program is completely lacking. Could we not make the proposition that, if they would undertake the preliminary work of cleaning the tunnels on their own, we would examine them and help them work out a program for further exploration, if such seems justified? We should, however, make clear that we will judge the showings on their merits but we are not optimistic concerning the results.

Sincerely yours,

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

Enclosures

cc: USBM
USGS (SRO)

5/22/57 2.30 P.M.

Ellis discussed this project with Mr. Cruikshank over phone. He is to send copy of his letter of 5/6 + we to decide whether we deny project because change in policy DMA to DMEA concerning cleaning out tunnels etc

EXPLORATION

Subject: DMEA-2531
Re: Exploration Loan
Orinda, Peach, and Snow-Flake Claims
May 16, 1952

Mr. Ole Oakland
Mount Rainier Mining Co. Inc.
1627 - 15th Ave.
Seattle 22, Washington

My dear Mr. Oakland:

This will acknowledge receipt of your application dated April 15, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number ~~DMEA-2531~~ 1608X and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to ~~DMEA-2531~~ 1608X in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Administrative Officer

DMEA-2531 erroneously assigned should be 1608X GPA

7862

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

No. 1,[illegible] Howard Street
Spokane 4, Washington

May 9, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
[illegible]

MAY 15 1952

MEMORANDUM

To: Operating Committee, DMA

From: Field Team, Region II

Subject: Application of Mt. Rainier Mining Company, DMA [illegible], Copper.

Enclosed are three copies of a new application submitted by the subject company. The fourth copy is retained for Field Team use.

A brief memo by R. A. Weissenborn giving further information on the property is attached.

By DMA Field Team, Region II

R. A. Weissenborn, Exec. Officer
(U. S. Geological Survey)

E. W. Voith, Member
(U. S. Bureau of Mines)

Enclosures

cc: [illegible] DMA, Spokane

~~DMEM 25 52~~

Cu

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

[illegible] Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 1 1952

May 6, 1952

Memorandum

To: Chairman, Operating Committee, DMA

From: [illegible] Weissenborn, Exec. Officer, Strategic Materials, Region II

Subject: Application of Mt. Rainier Mining Company, DMA-[illegible].

Herewith are enclosed three copies of a new application submitted by the Mt. Rainier Mining Company. This is a resubmission of Docket DMA-[illegible]. The first application of the Mt. Rainier Mining Company was forwarded to the DMA on June [illegible], 19[illegible]. Inasmuch as I had personally examined the property of the Mt. Rainier Mining Company in September 19[illegible], and since there is much correspondence on this property, a review of the case may be helpful.

We first heard from the Mt. Rainier Mining Company March [illegible], 19[illegible], and on April 4 I replied. I told the applicant frankly that I was not greatly impressed on what I had seen on the surface of the one working which we had been able to open. I also stated that there was not enough ore visible on the property to justify a DMA loan, but that if it were possible to open the No. 2 and 3 tunnels, where apparently most of the underground development had been done, we would be glad to re-examine the property. We later on received an application for exploration aid which was forwarded to the DMA on June [illegible], and was assigned Docket [illegible]. In the forwarding letter, which I wrote as Executive Officer, I summarized my opinion of the property as follows:

> "As stated in my report there are surface ore showings on the Mt. Rainier property, but there is nothing to indicate, at least in my judgment, that these are likely to be of much economic value. It is possible, though in my opinion not probable, that significant quantities of ore were found in the old tunnels. I therefore regret the exploration aid of this poor act, but I realize that a small sum spent in opening up the old tunnels sufficiently so they could be examined, would quickly show whether any more work should be done on the property. Therefore, I would find no strong

Reviewed by
DMA OPERATING COMMITTEE
5/20/52 DMC
(date)

objections if a contract were granted for this purpose. I think that this could be done at a cost that would be very much less than that proposed by the applicant. Therefore, if the contract were granted, it should provide that the first step should be the cleaning out of these tunnels for examination, and it should be made part of the contract that this work would be done with the very minimum of equipment. It should also be made clear that diamond drilling would be contingent on the results of the showings in the tunnels."

On October 12 we were informed by the Production Expansion Division of the DMA that the Supply Division had approved the application for an expenditure of $3,000 instead of the $25,000.00 requested. The smaller sum was allowed to clean out and sample in one month the No. 2 and 3 adits mentioned in my letter of June 1. Approximately $2,000 of the sum is to be allotted for labor, including room and board, and $1,000 for supplies. I was requested to contact the company and ask if this new and reduced proposal would be acceptable. A copy of my letter of November 5 to the company, explaining this proposal is attached.

On November 24 we were advised by the company that they would accept the proposal for the $3,000 project, but they asked that because of the late season we hold this in abeyance. There has been considerable more correspondence with them and we have told them that we need more details on property and on the proposed exploration.

On February 6 a letter was addressed to you keeping you current with the facts of the case, and the last word we have had from you is Mr. Johnson's letter of February 20.

The new proposal is apparently a misconception of the proposal that was made to them by the old DMA, for they consider that the $3,000 is their share of the project. In other words, the total cost of the project would be $6,000, whereas the DMA proposal was for a total expenditure of $3,000.

It is true that no one can tell for sure that the copper deposits on the Mt. Rainier property are worthless without cleaning out the old tunnels, and it is also true that it would not be too costly to open them up. Nevertheless, in the light of our present criteria for judging exploration contracts, I am quite sure that I would not now make even the very weak recommendation that I made a year ago, and I am even more certain that even if I had recommended the property much more strongly than I did, the present DMA group in Washington on the basis of my Mt. Rainier report, would not have approved the recommendation. Not only are the copper deposits unlikely to be of any importance, but the management has certainly not ever

the years demonstrated any degree of competence. I feel now that the proposal should be turned down, although we are in an embarrassing position of having made some sort of a commitment from which we cannot renege. If we must give a contract, I urge you cut down the project to the very minimum that is required to open the two tunnels and have a look at what is inside.

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

Enclosures

cc: DMM, Spokane
MBM, Albany
DMGS (ZRC)

COPY

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

So. 157 Howard Street
Spokane 4, Washington

May 9, 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, Region II

Subject: Application of Mt. Rainier Mining Company, DMEA 1608X, Copper (~~Note: See new numbered docket DMEA 2531~~)

Enclosed are three copies of a new application submitted by the subject company. The fourth copy is retained for Field Team use.

A brief memo by A. E. Weissenborn giving further information on the property is attached.

By DMEA Field Team, Region II

/s/ A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

/s/ M. E. Volin
M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures

cc: USBM, Spokane

COPY

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

So. 157 Howard Street
Spokane 4, Washington

May 8, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

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

Subject: Application of Mt. Rainier Mining Company, DMEA-1608X (~~See DMEA-2551~~)

Herewith are enclosed three copies of a new application submitted by the Mt. Rainier Mining Company. This is a resubmission of Docket DMEA-1608X. The first application of the Mt. Rainier Mining Company was forwarded to the DMA on June 1, 1951. Inasmuch as I had personally examined the property of the Mt. Rainier Mining Company in September 1950, and since there is much correspondence on this property, a review of the case may be helpful.

We first heard from the Mt. Rainier Mining Company March 30, 1951, and on April 4 I replied. I told the applicant frankly that I was not greatly impressed on what I had seen on the surface or the one working which we had been able to open. I also stated that there was not enough ore visible on the property to justify a DMA loan, but that if it were possible to open the No. 2 and 3 tunnels, where apparently most of the underground development had been done, we would be glad to re-examine the property. We later on received an application for exploration aid which was forwarded to the DMA on June 1, and was assigned docket 1608X. In the forwarding letter, which I wrote as Executive Officer, I summarized my opinion of the property as follows:

> "As stated in my report there are surface ore showings on the Mt. Rainier property, but there is nothing to indicate at least in my judgment, that these are liable to be of much economic value. It is possible, though in my opinion not probable, that significant quantities of ore were found in the old tunnels. I therefore regard the exploration as a rather poor bet, but a relatively small amount spent in opening up the old tunnels sufficiently so they could be examined, would quickly show whether any more work should be done on the property. Therefore, I would make no strong

(Rubber Stamp):
DMEA Operating Committee
5-21-52
(date) (HB)

objections if a contract were granted for this purpose. I think that this could be done at a cost that would be very much less than that proposed by the applicant. Therefore, if the contract were granted, it should provide that the first step should be the cleaning out of these tunnels for examination, and it should be made part of the contract that this work would be done with the very minimum of equipment. It should also be made clear that diamond drilling would be contingent on the results of the showings in the tunnels."

On October 12 we were informed by the Production Expansion Division of the DMA that the Supply Division had approved the application for an expenditure of $3,000 instead of the $25,650.00 requested. The smaller sum was allowed to clean out and sample in one month the No. 2 and 3 adits mentioned in my letter of June 1. Approximately $2,000 of the sum is to be allotted for labor, including room and board, and $1,000 for supplies. I was requested to contact the company and ask if this new and reduced proposal would be acceptable. A copy of my letter of November 6 to the company, explaining this proposal is attached.

On November 24 we were advised by the company that they would accept the proposal for the $3,000 project, but they asked that because of the late season we hold this in abeyance. There has been considerable more correspondence with them and we have told them that we need more details on property and on the proposed exploration.

On February 6 a letter was addressed to you keeping you current with the facts of the case, and the last word we have had from you is Mr. Johnson's letter of February 20.

The new proposal is apparently a misconception of the proposal that was made to them by the old DMA, for they consider that the $3,000 is their share of the project. In other words, the total cost of the project would be $6,000, whereas the DMA proposal was for a total expenditure of $3,000.

It is true that no one can tell for sure that the copper deposits on the Mt. Rainier property are worthless without cleaning out the old tunnels, and it is also true that it would not be too costly to open them up. Nevertheless, in the light of our present criteria for judging exploration contracts, I am quite sure that I would not now make even the very weak recommendation that I made a year ago, and I am even more certain that even if I had recommended the property much more strongly than I did, the present DMEA group in Washington on the basis of my Mt. Rainier report, would not have approved the recommendation. Not only are the copper deposits unlikely to be of any importance, but the management has certainly not over the years demonstrated any degree of competence. I feel now that the proposal should be turned down, although we are in an embarrassing position of having made some sort of a commitment from which we cannot renege. If we must give a contract, I urge you cut down the project to the very minimum that is required

to open the two tunnels and have a look at what is inside.

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

Enclosures

cc: USBM, Spokane
USBM, Albany
USGS (SRO)

ROUGH DRAFT
FSSchmidt/jem
5/22/52

not sent telephone Weissenborn
5/22/52

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Co., Inc.
1627 - 15th Avenue
Seattle 22, Washington

Re: ~~Docket No. DMEA-2531~~ 1608
(Copper and Molybdenum)
Mount Rainier Mining Co.
~~Seattle~~, Washington

Dear Mr. Oakland:

Your application dated April 15, 1952 docket DMEA- 2531 for $6,000 has been received to replace your original application of May 29, 1951 docket DMA-1608 for $25,650.80. The original application was denied with a recommendation in Mr. Weissenborn's letter of November 6, 1951 that an application for $3,000 to merely clean out the No. 2 and No. 3 tunnels for examination would be considered.

The present application for $6,000 is not in accord with the limitations imposed on this project and ~~must~~ therefore cannot be ~~denied~~ recommended. However, the offer of Mr. Weissenborn has not been invalidated by this present $6,000 application and if you wish to ~~make another~~ revise the application within the limitation of $3,000 for the total estimated cost of project you may still do so.

Sincerely yours,

Ernest Wm. Ellis, Chief

10/1/51
The project is recommended for approval ($25,650)

Johnson to Weis. 2/20/52
"The reduction in the Exploration application from $25,650 to $3,000

2/6/52 Weis to Johnson
Board of directors had accepted the county proposal of $3000 and supply committee recommend program costing $3000

Please refer to mit letter of 10/12/51,
Supply div approved 3000 instead of 25650

1/8/52 Johnson to Weis
County proposal reduce contract to $3000 to clean the 2 tunnels

---

Mt Rainier Tosin. Co.
Your application dated April 15, 1950
doesn't Dmea 2531 for 6000 has been used to replace
your original application dated May 29, 1951 Object # DMR 1608
The original application ~~comes first~~
for 25,650 was denied, with the recommendation
that your application for 3,000 be
considered for tunnels 2 & 3 for
~~consider~~ according to Mr. Warren Corn's letter of 1/6/51
the present application for 6,000 is not in
accord with the conditions imposed
by the Director. However the offer by Weis

To you if you have not been miraculated
by this present 6,000 application and
if you turn to make application as per
limitations of this, you may stay as do
to

DMEA-~~2681~~ 1608

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

May 9, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, Region II

Subject: Application of Mt. Rainier Mining Company, DMEA 1608X, Copper.

Enclosed are three copies of a new application submitted by the subject company. The fourth copy is retained for Field Team use.

A brief memo by A. E. Weissenborn giving further information on the property is attached.

By DMEA Field Team, Region II

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

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

Weiss letter 5/8/52 = Field Team report sent by Opr. Com. mails & files to Opr. Com. for consideration and distribution (Mrs. Guest checked 5/16/52)

Enclosures

cc: USBM, Spokane

OFFICE OF THE ADMINISTRATOR

5/22/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 1 8 1952

May 8, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

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

Subject: Application of Mt. Rainier Mining Company, DMEA-1608X.

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Reviewed by
DMEA OPERATING COMMITTEE

5-21-52
(date) (HB)

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The new proposal is apparently a misconception of the proposal that was made to them by the old DMA, for they consider that the $3,000 is their share of the project. In other words, the total cost of the project would be $6,000, whereas the DMA proposal was for a total expenditure of $3,000.

It is true that no one can tell for sure that the copper deposits on the Mt. Rainier property are worthless without cleaning out the old tunnels, and it is also true that it would not be too costly to open them up. Nevertheless, in the light of our present criteria for judging exploration contracts, I am quite sure that I would not now make even the very weak recommendation that I made a year ago, and I am even more certain that even if I had recommended the property much more strongly than I did, the present DMEA group in Washington on the basis of my Mt. Rainier report, would not have approved the recommendation. Not only are the copper deposits unlikely to be of any importance, but the management has certainly not over

the years demonstrated any degree of competence. I feel now that the proposal should be turned down, although we are in an embarrassing position of having made some sort of a commitment from which we cannot renege. If we must give a contract, I urge you cut down the project to the very minimum that is required to open the two tunnels and have a look at what is inside.

A. E. Weissenborn

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

Enclosures

cc: USBM, Spokane
USBM, Albany
USGS (SRO)

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

MAY 14 1952

May 8, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

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

Subject: Application of Mt. Rainier Mining Company, DMEA-1608X.

Herewith are enclosed three copies of a new application submitted by the Mt. Rainier Mining Company. This is a resubmission of Docket DMEA-1608X. The first application of the Mt. Rainier Mining Company was forwarded to the DMA on June 1, 1951. Inasmuch as I had personally examined the property of the Mt. Rainier Mining Company in September 1950, and since there is much correspondence on this property, a review of the case may be helpful.

We first heard from the Mt. Rainier Mining Company March 30, 1951, and on April 4 I replied. I told the applicant frankly that I was not greatly impressed on what I had seen on the surface or the one working which we had been able to open. I also stated that there was not enough ore visible on the property to justify a DMA loan, but that if it were possible to open the No. 2 and 3 tunnels, where apparently most of the underground development had been done, we would be glad to re-examine the property. We later on received an application for exploration aid which was forwarded to the DMA on June 1, and was assigned docket 1608X. In the forwarding letter, which I wrote as Executive Officer, I summarized my opinion of the property as follows:

> "As stated in my report there are surface ore showings on the Mt. Rainier property, but there is nothing to indicate at least in my judgment, that these are liable to be of much economic value. It is possible, though in my opinion not probable, that significant quantities of ore were found in the old tunnels. I therefore regard the exploration as a rather poor bet, but a relatively small amount spent in opening up the old tunnels sufficiently so they could be examined, would quickly show whether any more work should be done on the property. Therefore, I would make no strong

Reviewed by
DMEA OPERATING COMMITTEE
5-21-52
(date) (HB)

objections if a contract were granted for this purpose. I think that this would be done at a cost that would be very much less than that proposed by the applicant. Therefore, if the contract were granted, it should provide that the first step should be the cleaning out of these tunnels for examination, and it should be made part of the contract that this work would be done with the very minimum of equipment. It should also be made clear that diamond drilling would be contingent on the results of the showings in the tunnels."

On October 12 we were informed by the Production Expansion Division of the DMA that the Supply Division had approved the application for an expenditure of $3,000 instead of the $25,000.00 requested. The smaller sum was allowed to clean out and assay in one month the No. 2 and 3 adits mentioned in my letter of June 1. Approximately $2,000 of the sum is to be allotted for labor, including room and board, and $1,000 for supplies. I was requested to contact the company and ask if this new and reduced proposal would be acceptable. A copy of my letter of November 6 to the company, explaining this proposal is attached.

Note - copy of Nov. 6 letter does not appear attached

On November 24 we were advised by the company that they would accept the proposal for the $3,000 project, but they asked that because of the late season we hold this in abeyance. There has been considerable more correspondence with them and we have told them that we need more details on property and on the proposed exploration.

On February 5 a letter was addressed to you keeping you current with the facts of the case, and the last word we have had from you is Mr. Johnson's letter of February 20.

The new proposal is apparently a misconception of the proposal that was made to them by the old DMA, for they consider that the $3,000 is their share of the project. In other words, the total cost of the project would be $6,000, whereas the DMA proposal was for a total expenditure of $3,000.

It is true that no one can tell for sure that the copper deposits on the Mt. Rainier property are worthless without cleaning out the old tunnels, and it is also true that it would not be too costly to open them up. Nevertheless, in the light of our present criteria for judging exploration contracts, I am quite sure that I would not now make even the very weak recommendation that I made to your ago. and I am even more certain that even if I had recommended the property much more strongly than I did, the present DMA group in Washington on the basis of my Mt. Rainier report, would not have approved the recommendation. Not only are the copper deposits unlikely to be of any importance, but the management has certainly not over

the years demonstrated any degree of competence. I feel now that the proposal should be turned down, although we are in an embarrassing position of having made some sort of a commitment from which we cannot renege. If we must give a contract, I urge you cut down the project to the very minimum that is required to open the two tunnels and have a look at what is inside.

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

Enclosures

cc: USBM, Spokane
USBM, Albany
USGS (BRC)

FSchmidt/ /jem/bih
2/19/52
cc to: Doc
Admr's. Reading File
Messrs. C
Ned Nelson - Room 4216 GSA Bldg.
Ellis
Schmidt
FEJohnson
Field Team, Region II

700

FILE COPY
SURNAME:

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

AIR MAIL

FEB 20 1952

Mr. A. R. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: DMA Docket No. 1608X
(Copper-Molybdenum)
Mt. Rainier Mining Co.
Seattle, Washington

Dear Mr. Weissenborn:

This refers to your letter of February 6, 1952, in which you inform us that the Mt. Rainier Mining Company advises that they will accept the reduction in the Exploration Application from $25,650.80 to $3,000.00.

It is also noted that they request the application be held in abeyance for the present. In accordance with this request, this file will be kept open until such time as we hear something definite.

The reduced proposed project applies only to the rehabilitation of the two tunnels. Our statement that the proposed contract does not fall within the scope of an Exploration Contract is based on our interpretation of the provisions of Mineral Order No. 5. Under this interpretation, the mere cleaning out or unwatering of mine workings, in general, is not considered as constituting an Exploration Project. Each case, however, must be considered on its own merits as other factors present may have a bearing on whether or not the proposed work conforms with the definition of an Exploration Project under MO-5.

The statement in your letter of November 6, 1951, that the possibility of finding commercial orebodies is remote, is a factor considered by us in the subject case. However, since a commitment may have been made, we agree that it would be difficult to withdraw our approval. It is also noted that you consider it quite possible that the applicant will withdraw his application and the matter take care of itself. Should this be the case, we would be pleased to hear from you. In the meantime the docket will be kept open.

Sincerely yours,

(signed) FRANK E. JOHNSON (HB)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

C. N. Johnson (HB)
Member, Bureau of Mines

J. P. Thayer (HB)
Member, Geological Survey

S.N. 2-20-52

700 FILE COPY
SURNAME:

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

Schmidt
Ellis
Johnson
Nelson

AIR MAIL

Mr. A. L. Weissenborn
Executive Officer, Region II
Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. [illegible]-1(C)
(Copper-Gold Deposit)
Mt. Rainier Mining Co.
Seattle, Washington

Dear Mr. Weissenborn:

This refers to your letter of February [illegible], 1952, in which you inform us that the Mount Rainier Mining Company advises that they will accept the reduction in the exploration application from $25,650.00 to $3,000.00.

It is also noted that they request the application be held in abeyance for the present. In accordance with this request, this file will be kept open until such time as we hear something definite.

The reduced proposed project applies only to the rehabilitation of the two tunnels. Our statement that this type of contract does not fall within the scope of an exploration contract is based on a matter of policy and interpretation. It has been considered that the mere cleaning out of tunnels or timbering of shafts are not "exploration work".

In this case where a commitment may have been made, we agree that it would be difficult to withdraw this request. It is also noted that you consider it quite possible that the applicant will withdraw his application and the matter take care of itself. Should this be the case, we would be pleased to hear from you. In the meantime the docket will be kept open.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

FEschmidt/jem 2/14/52

cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Med Rm. 4216 GS
Ellis
Schmidt
Field Team, Region II

[illegible]:

Member, Bureau of Mines

Member, Geological Survey

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

February 6, 1952

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

Re: Docket No. DMA 1608
Copper Molybdenum
Mount Rainier Mining Co.
Seattle, Washington

Dear Mr. Johnson:

The Mount Rainier Mining Co. advised this office in a letter dated November 24, 1951, that the board of directors of that company had accepted the counter proposal of DMA and would consider a reduced program costing $3,000. They, at the same time, requested the application be held in abeyance as the season was too late and so they could adjust themselves to the requirements under the new setup. Presumably the delay was requested for the purpose of raising funds.

A letter has been written to the company requesting that they advise this office if they wish to proceed with their application.

We are somewhat in a quandary as to the statement in your letter that the reduced contract, as proposed, does not fall within the scope of an exploration contract as this proposal originated in Washington. Please refer to Mr. Mittendorf's letter of October 12, 1951, in which he notified this office that the Supply Division had approved the expenditure of $3,000 instead of $25,650.80 as requested in the application, and proposed the smaller fund be spent for opening two old adits. The Supply Division apparently based their counter proposal upon the following statement by Mr. A. E. Weissenborn in his letter to Mr. L. F. Strobel, June 1, 1951, "I therefore regard the proposed exploration as a rather poor bet, but a relatively small amount spent in opening up the old tunnels sufficiently so that they could be examined would quickly show whether anymore work should be done on the property." The Supply Division apparently considered the reopening of the old tunnels within the scope of an exploration project and made the counter proposal now under consideration.

Since this office has approached the Rainier Mining Co. with the counter proposal outlined to us by the Production Expansion Division,

it appears it would now be difficult to withdraw this proposal without causing bad relations with the applicant. It is quite possible, however, that the applicant will withdraw his application and the matter will take care of itself.

Sincerely yours,

Elton A. Youngberg

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM-Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

February 6, 1952

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

Re: Docket No. DMA 1608
Copper Molybdenum
Mount Rainier Mining Co.
Seattle, Washington

Dear Mr. Johnson:

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Since this office has approached the Rainier Mining Co. with the counter proposal outlined to us by the Production Expansion Division,

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Sincerely yours,

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMKA
Field Team, Region II

cc: USBM-Spokane

700

FILE COPY
SURNAME:

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

JAN 31 1952

Schmidt
Ellis
Johnson-m
Nelson
Thayer

Mr. [illegible] Eissenborn
Executive Officer, Region II
DMA Field Team
South 157 Howard Street
Spokane 8, Washington

re: Docket No. [illegible]-160[illegible]
(Copper Molybdenum)
Mt. Rainier Mining Company
Seattle, Washington

Dear Mr. Eissenborn:

It is my understanding from your letter of November 6, 1951, that you notified the Mt. Rainier Mining Company of the Defense Minerals Administration counter proposal to their application for a contract of $25,650.00. The counter proposal would reduce the amount of the contract to $3,000, and the work involved would consist of cleaning out the No. 2 and No. 3 tunnels.

The applicant has had almost three months in which to make known his decision in this matter, and since this office has not received any further information, we naturally conclude that the Applicant is not interested in making this modification in his plans. However, before we take any steps to cancel this application it is advisable to have something officially from the Applicant to justify closing the application.

It is suggested that you contact the applicant in order to ascertain if this proposed modified contract is acceptable. If not we will consider the application closed. Of course you realize such a contract as is proposed, does not fall within the scope of an exploration contract. However, since you have approached the applicant on the modified plan we believe the project may possibly receive favorable consideration.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

J.N. 1-31-52

Concurred:

J. H. Hedges

Director, Bureau of Mines

2 P Thayer

Director, Geological Survey

FSchmidt/jem 1/28/52
cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Ned Rm. 4216 G.S.
Ellis
Schmidt
Field Team, Reg. II

400

FILE COPY
SURNAME:

Selfridge
FEJohnson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. NOV 9 1951

My dear Senator Langer:

This is in answer to your letter of October 5, to Mr. Jess Larson, which has been referred to us for reply, regarding the status of the Mt. Ranier Mining Company's application for an exploration loan.

Because the merits of the property did not warrant the sum requested, a counter proposal involving a smaller sum was originated in the Supply Division. The details of the proposal were sent by us to the field team with instructions to contact the applicant and learn of his reaction to the counter proposal. To date we have not learned of the applicants reaction but a telegram of November 6 from the field team informs us that it is contacting the applicant.

We are returning herewith, as requested, Mr. Oakland's letter of August 30, to the Bureau of Mines.

Sincerely yours,

(signed) FRANK E. JOHNSON (fw)

Acting Administrator

87 11/9

Enclosure

Hon. William Langer
United States Senate
Washington 25, D. C.

GCSelfridge/hmj
11-6-51
cc to: Reports and Records
Adm. Reading File
PED
Mr. Jess Larson, Adm., DMPA GSA Bldg.
Mr. Selfridge

DEFENSE MATERIALS PROCUREMENT AGENCY

Washington 25, D. C.

Hon. William Langer
United States Senate
Washington 25, D. C.

Re: Docket DMA-1608X

My dear Senator Langer:

This is to acknowledge your letter of October 5 requesting information on the status of the Mount Rainier Mining Company, Inc., 300 Palomar Building, Seattle, Washington.

The application is still in the process of examination by the Defense Minerals Administration. I have asked them to expedite action as rapidly as possible.

I am returning Mr. Oakland's letter of August 30, as you requested.

Sincerely yours,

Enclosure

C O P Y

October 12, 1951

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Company, Inc.
1627 -15th Avenue
Seattle 22, Washington

Dear Mr. Oakland:

We have your letter of August 30, 1951 with respect to your exploration project and note that it is docketed as DMA No. 1608. Since the exploration program is being handled by Defense Minerals Administration in the Department of Interior, we are transmitting your letter to them and you should hear from them at an early date.

Sincerely yours,

(signed) Howard I. Young

Howard I. Young
Deputy Administrator

JWFeiss/GMcC
10/12/51
248900
Copies to: Adm. Files
Administrator
Hon. Wm. Langer, U. S. Senate
Mr. C. O. Mittendorf, SMA (with incoming letter)
Mr. Young
Mr. Feiss

C O P Y

UNITED STATES SENATE

Washington, D. C. October 5, 19

Respectfully referred to

Hon. Jess Larson
Bureau of Mines
6137 General Services Bldg.
18th & F. Street N. W.
Washington, D. C.

Attention: Miss Cashman

In accordance with our conversation over the telephone this morning, we are enclosing herewith the copy of the letter written to your office by the Mount Rainier Mining Company, Inc. 300 Palomar Bldg., Seattle, Wash.

I would appreciate your checking this case to find what action has been taken on their application for an exploration loan.

P. S. Please return the enclosure with your reply.

William Langer
U.S.

WL/Miss Harden

C O P Y

C O P Y

Seattle, Washington
August 30, 1951

Bureau of Mines

Washington, D. C.

Gentlemen:

The enclosed clippings were found in a local newspaper and so gives us the incentive to propose to act as agents for the proposed critical minerals necessary in the war effort.

We have a patented claims that contain many of these minerals, copper principally, molybdenum, gold, silver, and etc. The property has been under litigation for 19 years so much of the exploration consisted of several tunnels from 275 ft. to 900 ft. in length and contacted the ore. The timbering has given away during these idle years but now that we have a clear title, we have been and are making efforts to re-explore, clearing tunnels to prove that we have the ore in 3 of the five tunnels. The last tunnel is 800 ft. below the other two tunnels that are on the ore body, giving values up to $60 per ton. This is in 650 or 662 ft. and is yet 300 to 600 ft. from the ore body as the slant is hard to calculate.

We just came down from these claims a few days ago and we took samples from the dump that has several hundred tons of mineralized formation. Am enclosing the assay we just received from them.

We have applied for an Exploration Loan and hope to get it. The Company is short of working capital but we have the line up of a mining engineer, tunnel men, assayers, prospectors, car, horseback, packing experience and have many leads to prospect in the Cascades or in the Rockies south of Butte, Montana. We can get the men and if the money is furnished we can get the mineral.

The office at its present site, 300 Palamar Bldg., Seattle, Wn. is quite small but we can obtain larger quarters if necessary.

We notice that Jess Larson is to head this undertaking. Would you please refer this communication to him? Also the Loan mentioned. Time is wasting and fall will soon be here. Mining and prospecting are best carried on during good climatic conditions. Hope to hear from you soon.

Respectfully,
Mount Rainier Mining Company Inc.
300 Palomar Bldg. Seattle, Wn.
By: Ole Oakland
Ole Oakland, Sec. & Treas.

Residence 1627 -15th Ave.
Seattle, Washington (22)

United States Senate

Washington, D. C., October 5, 19__

Respectfully referred to

Hon. Jess Larson
Bureau of Mines
6137 General Services Bldg.
10th & F. St. N.W.
Washington, D. C.

Attention: Miss Cashman

In accordance with our conversation over the telephone this morning, we are enclosing herewith the copy of the letter written to your office by the Mount Rainier Mining Company. Inc. 300 Falcmar Bldg., Seattle, Wash.

[illegible] appreciate your checking this [illegible] what action has been taken [illegible] application for an exploration

~~Holders~~
10/16/51
Gowen

President The White House

Seattle, Washington

August 30, 1951.

PLEASE RETURN TO
SENATOR LANGER

[illegible] found in a local newspaper and [illegible] proposed to act as agents for the proposed [illegible] in the war effort.

[illegible] claims that contain many of these minerals, [illegible] silver, and etc. The property [illegible] location [illegible]

in the [illegible] the

Mr. Lediquid 9C

ASE WA SP /I-GS-3/

SPOKANE 11-6-51 1030

RECEIVED
NOV 6 1 30 PM '51
GENERAL SERVICES ADMIN.
PUBLIC BLDGS. SERVICE
BMD—COMMUNICATIONS

FRANK E. JOHNSON

CHIEF, PROCEDURES BRANCH

PRODUCTION EXPANSION DIVISION

DEFENSE MINERALS ADMIN.,

DEPT. OF INTERIOR,

WA /25/

RE TELEGRAM ON DMA 1608, WE ARE CONTACTING APPLICANTS REGARDING YOUR COUNTER PROPOSAL IN LETTER OF OCTOBER 11. HOWEVER, WE DO NOT REGARD SUBJECT PROPERTY FAVORABLY.

THOR H. KILLSGAARD

FOR - A. E. WEISSENBORN

EXECUTIVE OFFICER, DMA FIELD TEAM, REGION II

1608 11

ET 1040

Nov 6 2 38 PM '51
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

NOV 9 3 37 PM '51

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

So. 157 Howard Street
Spokane 4, Washington

November 6, 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 1 9 1951
Defense Minerals Administration,
Production Expansion Division.

Mr. C. O. Mittendorf, Director
Production and Expansion Division
Department of the Interior
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

Re: Docket No. DMA 1608, Mt. Rainier Mining Company

In regard to your letter of October 12, 1951, the Mt. Rainier Mining Company has been notified of DMA's counter proposal concerning an exploration project on their property. Further information from the Mt. Rainier Company will be immediately forwarded to your office upon receipt.

This office is not favorably impressed with the Mt. Rainier property. The chances of finding commercial ore bodies are remote and the property is relatively inaccessible. An expenditure of $3,000 to open the more favorably located workings for investigation and sampling might be viewed as an accomplishment if it did nothing else than to make manifest the unfeasibility of continued exploration. Such a negative accomplishment would at least find favor with Mt. Rainier National Park officials who are not optimistic concerning the mineral potential of the subject patented claims, and who view the patented claims as a discredit to the National Park.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
for A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Frank E. Johnson, Act. Director
Defense Minerals Administration
Production Expansion Division

FILE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR

Interior
1420137 Salaries and Expenses
Defense Production Activities, Interior,
1952 - 100.0000(400)

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25,

Selfridge

VIA - STRAIGHT MESSAGE

November 5, 1951

A. E. WEISSENBORN
EXECUTIVE OFFICER
DMA FIELD TEAM - REGION 2
SOUTH 157 HOWARD STREET
SPOKANE, 8, WASHINGTON

Mt Ranier Mining Co.

PLEASE REFER OUR LETTER OCTOBER 11, DMA NO. 1608. WE HAVE HAD RECENT REQUESTS CONCERNING STATUS OF APPLICATION. CAN YOU ENLIGHTEN US?

(signed) FRANK E. JOHNSON (fw)

FRANK E. JOHNSON

not stripped in RPR

GCSelfridge/bih

cc to: Reports & Records
Mr. Mittendorf-Olund
Mr. Selfridge
Docket

Ad D
Young

United States Senate

Washington, D. C., October 5, *19*

Respectfully referred to

ans by
Langer
10-19-51

Hon. Jess Larson
Bureau of Mines
6137 General Services Bldg.
18th & F. St. N.W.
Washington, D. C.

Attention: Miss Cashman

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I would appreciate your checking this case to find what action has been taken on their application for an exploration loan.

P. S. Please return the enclosure with your reply.

William Langer
U. S. S.

WL/ Miss Harden

U. S. GOVERNMENT PRINTING OFFICE 16—45102-1

RECEIVED
OCT 8 11 16 AM '55
G.S.A.
OFFICE OF ADMINISTRATOR

NAME ADDRESS: Langer, Wm.
U. S. Senate

CONTROL NUMBER

DMPA el

DATED 10/5/51

RE: Encl. ltr. cc of ltr. dated August 30, 1951 from Mount Rainier Mining Co. Inc., 300 Paloma Bldg, Seattle, Washington re the application for an exploration loan.

FILE

PLEASE ACKNOWLEDGE WITHIN DAYS

REFER TO:
1. Admin
2. Young, Ro
3. Mt. Rainier Min. Co.
4.

DATE 10/8/51

OCT 12 1951

TYPE OF CORRESPONDENCE

REG. MAIL	AIR MAIL	SPEC. DEL.	REG'STD	TEL'GR'M	N. A. R.
X					

CORRESPONDENCE CONTROL RECORD $

FWA - E 366

..OUTING SLIP
OFFICE OF THE ADMINISTRATOR

DI 10/8/51

TO
RONALD K. YOUNG

FROM
JESS LARSON

PLEASE TAKE THE ACTION INDICATED BELOW:

1 [✓] PREPARE REPLY FOR MY SIGNATURE
2 [ ] SEE ME ABOUT ATTACHED
3 [ ] FOR CORRECTION AND RETURN
4 [ ] RETURN WITH YOUR COMMENTS
5 [ ] INVESTIGATE AND REPORT
6 [ ] ANSWER AND FURNISH ME COPY OF YOUR REPLY
7 [ ] NECESSARY ACTION
8 [ ] NOTE AND RETURN
9 [ ] FOR CONCURRENCE AND RETURN
10 [ ] APPROVAL
11 [ ] YOUR INFORMATION
12 [ ] FILING
13 [ ] SIGNATURE
14 [ ] IMMEDIATE ACTION

COMMENT

GSA-WASH DC 51-4861

GSA FORM 8
April 1951

INCOMING AND RECORDS

OCT 12 1951

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Company, Inc.
1627 - 15th Avenue
Seattle 22, Washington

Dear Mr. Oakland:

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Sincerely yours,

/Signed/ HOWARD I. YOUNG

Howard I. Young
Deputy Administrator

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 15 9 31 AM '51

JWFEISS/GMcC
10/12/51
248900
Copies to: Adm. Files
Administrator
Hon. Wm. Langer, U. S. Senate
Mr. C. O. Mittendorf, DMA (with incoming letter)
Mr. Young
Mr. Feiss

C O P Y

Seattle, Washington
August 30, 1951

Bureau of Mines

Washington, D. C.

Gentlemen:

The enclosed clippings were found in a local newspaper and so gives us the incentive to propose to act as agents for the proposed critical minerals necessary in the war effort.

We have a patented claims that contain many of these minerals, copper principally, molybdenum, gold, silver, and etc. The property has been under litigation for 19 years so much of the exploration consisted of several tunnels from 275 ft. to 900 ft. in length and contacted the ore. The timbering has given away during these idle years but now that we have a clear title, we have been and are making efforts to re-explore, clearing tunnels to prove that we have the ore in 3 of the five tunnels. The last tunnel is 200 ft. below the other two tunnels that are on the ore body, giving values up to $60 per ton. This is in 650 or 660 ft. and is yet 300 to 600 ft. from the ore body as the slant is hard to calculate.

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We have applied for an Exploration Loan and hope to get it. The Company is short of working capital but we have the line up of a mining engineer, tunnel men, assayers, prospectors, car, horseback, packing experience and have many leads to prospect in the Cascades or in the Rockies south of Butte, Montana. We can get the men and if the money is furnished we can get the mineral.

The office at its present site, 300 Palmar Bldg., Seattle, Wn. is quite small but we can obtain larger quarters if necessary.

We notice that Jess Larson is to head this undertaking. Would you please refer this communication to him? Also the Loan mentioned. Time is wasting and fall will soon be here. Mining and prospecting are best carried on during good climatic conditions. Hope to hear from you soon.

Respectfully,
Mount Rainier Mining Company Inc.
300 Palomar Bldg. Seattle, Wn.
By: Ole Oakland
Ole Oakland, Sec. & Treas.
Residence 1627 -15th Ave.
Seattle, Washington (22)

GSA FORM 14
1-25-50

GENERAL SERVICES ADMINISTRATION

ROUTING SLIP

TO NAME	BUILDING, ROOM NUMBER, ETC.
1. Mr. Frank Johnson, DMA	
2.	
3.	
4.	
5.	

FOR

- [ ] APPROVAL
- [ ] AS REQUESTED
- [ ] CORRECTION
- [ ] FILING
- [ ] FULL REPORT
- [ ] HANDLE DIRECTLY
- [ ] PREPARE REPLY FOR SIGNATURE OF: _____
- [ ] IMMEDIATE ACTION
- [ ] INITIALS
- [ ] NECESSARY ACTION
- [ ] NOTE AND RETURN
- [ ] READ AND DESTROY
- [ ] _____
- [ ] RECOMMENDATION
- [ ] SEE ME
- [ ] SIGNATURE
- [ ] YOUR COMMENT
- [ ] YOUR INFORMATION
- [ ] _____

ANSWER OR ACKNOWLEDGE BEFORE _____

FROM: Julian Feiss

DATE: 11/5/51

REMARKS

Mr. Young suggested that you handle this directly in view of the fact that exploration items are now entirely separated from the DMPA function. Please note that the original letter was dated Oct. 5. We have already checked this with Mr. Selfridge as you will note from the slip, and by this time you may be able to give the Senator something more definite.

Julian

GPO - O - GSA 952553 - 28 51-3164

OCT 8 1959

Howard:

Your OK.

Docket 1608X - Copper [illegible] Molybdenum
Exploration loan for $25,650
Received June 5
Went to Mr. Gowan on June 11
Referred to Mittendorf's office on Sept. 27.

NOV 2 1959

Mr. Selfridge, Ext. 2456, tells me it is on his desk, and he believes all the information has come in now and it should be processed next week.

Howard: This is the additional information that you requested on this case.

GENERAL SERVICES ADMINISTRATION

CONCURRENCE SHEET

CONTROL NO. 248900

This form must accompany all documents prepared (1) for signature of the Administrator or Deputy Administrator, or (2) for issuance under the provisions of Administrative Order No. 16, Revised.

SUBJECT OF DOCUMENT

BRIEF SUMMARY, INCLUDING DATE OF COMMUNICATION BEING ANSWERED, IF ANY.

Let of 10/5 from Sen. Langer re status of DMA-1608X for Mount Rainier Mining Co., Inc. 300 Palomar Bldg., Seattle, Wash.

INDORSEMENT OF INITIATING OFFICE

THIS PROPOSED DOCUMENT IS A COMPLETE AND CLEAR STATEMENT OF ALL ESSENTIAL FACTS, ALL ESSENTIAL DATA ARE ACCURATE, AND IN MY JUDGMENT ITS RELEASE IS APPROPRIATE TO THE CIRCUMSTANCES.

DATE _____ SIGNATURE _____ (Initiating Officer)

DATE 10/22/51 SIGNATURE _____ ~~xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx~~ ~~Acting~~ Director, Supply Division

CONCURRENCES OF OTHER OFFICES

(Initiating office shall indicate by check (√) mark all offices concerned with the subject matter of proposed document. Initiating office shall also obtain all necessary concurrences for all documents except public issuances, circulars, procedures and publications of the General Services Administration, which shall be cleared in accordance with the provisions of Administrative Order No. 16. Questions raised or recommendations received during clearance should be completely reconciled. Failure to do so must be explained in a memorandum attached to this form.)

CLEARING OFFICIALS WHO DESIRE ADDITIONAL INFORMATION ON THE PROPOSED DOCUMENT SHOULD CONTACT THE FOLLOWING PERSON IN THE INITIATING OFFICE:

NAME	TITLE	TELEPHONE NO. (Include Dial Code)
R. V. Waugh	Copper Branch	Ex-

I CONCUR IN THE ACTION DESCRIBED IN THE PROPOSED DOCUMENT INSOFAR AS IT AFFECTS FUNCTIONS AND ACTIVITIES UNDER MY DIRECTION. *(If an office head or authorized alternate disagrees with any part of the attached document, he will present his reasons for nonconcurrence in a memorandum attached to this form.)*

OFFICES	INITIALS INDICATING CLEARANCE WITHIN THE OFFICE	SIGNATURE OF OFFICE HEAD OR AUTHORIZED ALTERNATE	DATE
☐ GENERAL COUNSEL			
☐ MANAGEMENT			
☐ COMPTROLLER			
☐ PUBLIC INFORMATION & REPORTS			
☐ FEDERAL SUPPLY SERVICE			
☐ NATIONAL ARCHIVES AND RECORDS SERVICE			
☐ PUBLIC BUILDINGS SERVICE			
☐ EMERGENCY PROCUREMENT SERVICE			
☐			
☐			
☐			

DEPUTY ADMINISTRATOR

GSA-WASH DC 51-4233

GSA FORM 1
December 1950

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

AIR MAIL

A.E.C.

OCT 12 1951

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-1608, Copper Mt. Ranier Mining Company Seattle, Washington

Dear Mr. Weissenborn:

The subject application has been approved by the Supply Division for an expenditure of $3,000 instead of the $25,650.80 requested. The smaller sum was allowed to clean out and sample in one month the Nos. 2 and 3 adits mentioned in your letter of June 1, 1951. Approximately $2,000.00 of the sum is allotted to labor, including room and board, and $1,000.00 for supplies.

As the Company has not been consulted about the counter proposal will you secure its reaction to the smaller project. If the Company is agreeable to the re-opening of the two adits will you please obtain the necessary detail regarding the number of men, wages, etc. and just what supplies will be needed to complete the exploration contract. Some of the $1,000.00 will have to be allotted to packing in and out.

There is some doubt in our mind that the two adits can be opened in the month allotted to the project. Seemingly the Company re-opened only 215 feet of the No. 5 adit in 1947. That is less than one half of the estimated 500 feet of re-opening to be done in the two adits.

Why isn't the Raven claim included in the eastern group of claims since it has the same patent number?

We noted that the Company hasn't a cash balance. It does have some unsold stock which will probably have to be the source of its share toward the project. It would be well to ascertain whether or not it is financially liable before a firm contract is signed.

Sincerely yours,

G. O. Mittendorf (JH) 10-12

G. O. Mittendorf, Director
Production Expansion Division

GOSelfridge/jem
10-11-51

CC to: Adm. Reading File
Reports & Records
Messrs. Mittendorf, Olund
Mr. Gowen
Mr. McKnight
Field Team, Reg. II
Docket

C O P Y

October 12, 1951

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Company, Inc.
1627 -15th Avenue
Seattle 22, Washington

Dear Mr. Oakland:

We have your letter of August 30, 1951 with respect to your exploration project and note that it is docketed as DMA No. 1608. Since the exploration program is being handled by Defense Minerals Administration in the Department of Interior, we are transmitting your letter to them and you should hear from them at an early date.

Sincerely yours,

(signed) Howard I. Young

Howard I. Young
Deputy Administrator

JWFeiss/GMeC
10/12/51
248900
Copies to: Adm. Files
Administrator
Hon. Wm. Langer, U. S. Senate
Mr. C. O. Mittendorf, SMA (with incoming letter)
Mr. Young
Mr. Feiss

C O P Y

UNITED STATES SENATE

Washington, D. C. October 5, 19

Respectfully referred to

Hon. Jess Larson
Bureau of Mines
6137 General Services Bldg.
18th & F. Street N. W.
Washington, D. C.

Attention: Miss Cashman

In accordance with our conversation over the telephone this morning, we are enclosing herewith the copy of the letter written to your office by the Mount Rainier Mining Company, Inc. 300 Palomar Bldg., Seattle, Wash.

I would appreciate your checking this case to find what action has been taken on their application for an exploration loan.

P. S. Please return the enclosure with your reply.

William Langer
U.S.

WL/Miss Harden

C O P Y

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

OCT 1 1951

Memorandum:

To: Director, Production Expansion Division

From: Director, Supply Division

Subject: Application for exploration aid of Mt. Rainier Mining Company DMA-1608X, Commodity-Copper, Government Participation-$1500.00

Transmitted herewith are six contracts with exhibits attached, two folders with applications and their pertinent data, correspondence from the field team on said application and a group of assay and smaller sheets with cover letter.

The project is recommended for approval with the stipulation that the minimum amount of equipment be used. The Supply Division concurs in the recommendation.

Tom Lyon

Tom Lyon, Director
Supply Division

Attachments

310
FILE COPY
SURNAME:

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

OCT 1 1951

Memorandum:

To: Director, Production Expansion Division

From: Director, Supply Division

Subject: Application for exploration aid of Mt. Rainier Mining Company DMA-1668X, Commodity-Copper, Government Participation-$1500.00

Transmitted herewith are six contracts with exhibits attached, two folders with applications and their pertinent data, correspondence from the field team on said application and a group of assay and smaller sheets with cover letter.

The project is recommended for approval with the stipulation that the minimum amount of equipment be used. The Supply Division concurs in the recommendation.

Tom Lyon
Tom Lyon, Director
Supply Division

Attachments

RVWaugh:ex
9/27/51
Copy to: Administrator's Reading File
Executive Officer, DMA Field Team II
Copper Branch
Files - DMA Docket

310
FILE COPY
SURNAME:

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

RVaugh

SEP 26 1951

Mr. Ole Oakland
Mount Rainier Mining Company, Inc
300 Paloma Building
Seattle 22, Washington

Re: Docket No. DMA-1608X

Dear Mr. Oakland:

This is to acknowledge your letter of August 30, 1951 addressed to the Bureau of Mines and which was referred to the Copper Branch, Defense Minerals Administration for reply.

We wish to inform you that we are in receipt of the material enclosed with your letter. This data will be incorporated with your file which is being processed at the present time.

Very truly yours,

BT 9/26

J. B. Gowen

J. B. Gowen, Chief
Copper Branch

RVaugh:es
9/25/51

Copy to: Administrator's Reading File
Executive Officer, Region II
Copper Branch
Bureau of Mines
Files - DMA Docket

Seattle, Washington

August 30, 1951

ureau of Mines

Washington D. C.

Gentlemen:

The enclosed clippings were found in a local newspaper and so gives us the incentive to propose to act as agents for the proposed critical minerals necessary in the war effort.

We have 8 patened claims that contain many of these minerals, copper principally, molybdenum, gold, silver, and etc. The property has been under ligigation for 19 years so much of the exploration consisted of several tunnels from 275 ft. to 900 ft. in length and contacted the ore. The timbering has given away during these idle years but now that we have a clear title, we have been and are making efforts to re-explore, clearing tunnels to prove that we have the ore in 3 of the five tunnels. The last tunnel is 800 ft. below the other two tunnels that are on the ore body, giving values up to $60 per ton. tis is in 650 or 662 ft. and is yet 300 to 600 ft. from the ore body as the slant is hard to calculate.

We just came down from these claims a few days ago and we took samples from the dump that has several hundred tons of mineralized formation. Am enclosing the assay we just received from them.

We have applied for an Exploration Loan and hope to get it. The Company is short of working capital but we have the line up of a mining engineer, tunnel men, assayers, prospectors, car, horseback, packing experience and have many leads to prospect in the Cascades or in the Rockies south of Butte, Montanna, We can get the men and if the money is furnished we can get the mineral

The office at its present site, 300 Palamar Bldg., Seattle, Wn. is quite small but we can obtain larger quarters if necessary.

We notice that Jess Larson is to head this undertaking. Would you please refer this communciation to him? Also the Loan mentioned. Time is wasting and fall will soon be here. Mining and prospecting are best carried on during good climatic conditions. Hope to hear from you soon.

Respectfully,

Mount Rainier Ming Company Inc.

300 Palomar Bldg. Seattle, Wn.

By: /s/ Ole Oakland

Ole Oakland, Sec. & Treas.
1627 - 15th Ave.
Residence Seattle, Washington (22)

COPY

Mr Groen –

9/14/51

Mike –

I'll concur in a denial, or in a contract limited to opening the two workings referred to in Weissenborn's letter 4/4/51 to Oakland as No. 2 and No. 3. If, after reviewing the case, you prefer the latter alternative, a contract could be prepared for rehabilitation + sampling of approximately 500 feet of tunnels No 2 and 3 on the Snowflake Claim, at an estimated cost of, say, $3,000, of which about $2000 would be for labor of about 4 men for a month, the balance for supplies.

I do not believe it would be desirable to write a contract for any further work beyond the reopening + sampling.

CG

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

September 14, 1951

Mr. Ole Oakland
Mount Rainier Mining Company, Inc.
300 Palomar Building
Seattle 22, Washington

Dear Mr. Oakland:

This acknowledges receipt of your letter of August 30 addressed to the Bureau of Mines in which you state that you are anxious for quick action on an exploration application that has been submitted to the Defense Minerals Administration.

We have referred your letter and the attached documents relating to the Mount Rainier Mining Company's property to the Defense Minerals Administration. This agency continues to administer the exploration program and applications are being received and acted on as rapidly as possible.

Very truly yours,

C. H. JOHNSON

C. H. Johnson, Chief
Base Metals Branch

CHJohnson:pf

Copy to: Mr. J. B. Gowen, DMA, Room 2612, w.c.i. and attachments. Rm. 2612
Minerals Division
Base Metals Branch
Files

C O P Y

Seattle, Washington
August 30, 1951

Bureau of Mines

Washington, D. C.

Gentlemen:

The enclosed clippings were found in a local newspaper and so gives us the incentive to propose to act as agents for the proposed critical minerals necessary in the war effort.

We have a patented claims that contain many of these minerals, copper principally, molybdenum, gold, silver, and etc. The property has been under litigation for 19 years so much of the exploration consisted of several tunnels from 275 ft. to 980 ft. in length and contacted the ore. The timbering has given away during these idle years but now that we have a clear title, we have been and are making efforts to re-explore, clearing tunnels to prove that we have the ore in 3 of the five tunnels. The last tunnel is 800 ft. below the other two tunnels that are on the ore body, giving values up to $60 per ton. This is in 650 or 662 ft. and is yet 300 to 600 ft. from the ore body as the slant is hard to calculate.

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Respectfully,
Mount Rainier Mining Company Inc.
300 Palomar Bldg., Seattle, Wn.
By: Ole Oakland
Ole Oakland, Sec. & Treas.
Residence 1627 -15th Ave.
Seattle, Washington (22)

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1608X

Commodity COPPER & MOLYBDENUM

Total Amount 25,650.80

Govt. Participation 50% 12,825.40

1. Name and Address of Applicant MT RAINIER MINING CO.
300 PALOMAR BLDG, SEATTLE 1, WASHINGTON

2. Location of Property GLACIER BASIN, MT RAINIER NATIONAL PARK, PIERCE COUNTY, WASHINGTON

3. Mineral or metal COPPER & MOLYBDENUM Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor ✓ according to Field Team Report

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? YES OWNER
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower YES

b) Equipment and supplies YES
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* ~~YES~~ No

d) Water (question 13)* YES

e) Power (question 13)* YES

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* YES

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? NOT ALL

If not, what part of it is? ~~Bar~~ All except bulldozing. Jackhammer.

Is this part a worthwhile exploration project? YES

d) Are the cost estimates detailed? YES

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? YES except labor & supervisory salaries

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? No

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? YES g. NOT APPLICABLE

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? YES

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? PROBABLY DOESN'T OUTLINE PROJECT TO WELL

c) Is the schedule excessive for the work proposed? HARD TO SAY

d) Are the proposed wages and salaries reasonable? SUPERVISORS SALARIES TO HIGH. TO MANY OF THEM

e) Is a field check needed? YES

EXHIBIT A

The applicant proposes to build an open road from Whitehorse Camp to Grassy Lake, through and along Tunnel No 2 and 3 and Tunnel No 1 on Stringbed Claim [illegible] drill and test for [illegible] on the claim [illegible] staked, marked and described.

LABOR	$8,640.00
SUPERVISIRS	6,190.00
REPAIRS	3,465.00
EQUIPMENT	1,436.00
RENTAL OF EQUIPMENT	4,435.80
POWER & OTHER ITEMS	984.00
ASSAYS OF SAMPLES	500.00
TOTAL	$25,650 80

EXHIBIT C

e. 1200' 1/2 CABLE	212.00
PULLIES, ETC.	90.00
JEEP	600.00
	$902.00

f. RENTAL OF EQUIPMENT

DIAMOND DRILL	2800.00
GENERATING PLANT	400.00
PUMP	270.00
AIR COMPRESSOR	270.00
CAMPSITE	95.80
CATERPILLAR OR DRAGLINE	600.00
	$4435.80

g. NOT APPLICABLE

h. REPAIR (HANDLES, ETC) OF SHOVELS AND NEW SHOVELS,

HAMMERS, STEEL ETC	$100.00
POWDER, CAPS & FUSES	125.00
TENT FOR CREW	59.00
STOVE, SPRINGS, BEDDING, FLOORING FOR TENT	250.00
	$534.00

EXHIBIT D

LABOR - 6 MINERS OR MUCKERS - 90 DAYS OR 720 HOURS	
EACH @ $2.00/HOUR	$6640.00
- HELPER FOR DRILL OPERATOR	1440.00
SUPERVISORY - MANAGER OF PROJECT	2000.00
MINING ENGINEER SERVICES	500.00
DIAMOND DRILL OPERATOR	2250.00
	$14 830.00

EXHIBIT E. - REPAIRS

CABIN	100.00
REPAIR TO ROAD - 19000 FT.	
SURVEY & MAPS	$900.00
STAKES	75.00
CULVERTS	800.00
14-3 X10 X 20 TO USE ON BRIDGES & CULVERTS	90.00
CONTRACT PRICE TO ROAD BUILDER	1600.00
	3565 00

14. Exhibit E (question 23-c)*

a) Is it applicable? YES

b) Sufficient data? YES

c) Reasonable? SHOULD NOT INCLUDE ROAD REPAIRS

d) Field check needed? No.

15. In your judgment, can the proposed work be done in the proposed time? PROBABLY

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Have to submit separate forms for Access Road. (MF-105). Field Team does not think much of the property. It is recommended that ~~expenditures~~ any contract be limited to cost of opening No 2 and No 3 tunnels and that, before additional assistance be granted, ~~that~~ the field team reexamine these tunnels

Reviewed by: R Wood
D P Machesen

Date

97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 16-5X

Commodity Copper & Molybdenum

Total Amount 25,650.80

Govt. Participation 51/12828.40

1. Name and Address of Applicant Mt Rainier Mining Co
300 Paramar Bldg Seattle 1, Washington

2. Location of Property Galcier Basin, Mt Rainier National Park, Pierce County, Washington

3. Mineral or metal Copper + Molybdenum Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor ✓ according to Field Team Report.

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes Clearly
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? –

b) MF-202

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* ~~Ye~~ No

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? Yes If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Not All

If not, what part of it is? Ben Coll exploit [illegible] / [illegible] road.

Is this part a worthwhile exploration project? YES

d) Are the cost estimates detailed? YES

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? YES except labor & supervisory salaries

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? No

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? YES & NOT APPLICABLE

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? YES

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? PROBABLY DOESN'T OUTLINE PROJECT TO WELL

c) Is the schedule excessive for the work proposed? HARD TO SAY

d) Are the proposed wages and salaries reasonable? HIGH TO MANY OF THEM SUPERVISORS SALARIES TO

e) Is a field check needed? YES

EXHIBIT A

The applicant proposes to build and open road from Whitehorse Camp to mine site, develop and clean Tunnel No 2 and 3 and Tunnel No I on Stranghold Claim, and drill and test for sandy holes on the claim where that mineral was discovered

LABOR	$8640 00
SUPERVISION	6,190 00
REPAIRS	3,465.00
EQUIPMENT	1,436 00
RENTAL OF EQUIPMENT	4,435.80
POWER & OTHER ITEMS	984.00
ASSAYS OF SAMPLES	500 00
TOTAL	$25650 80

EXHIBIT C

2 1200' 1/2 CABLE	212.00
PULLIES, ETC	90.00
JEEP	600 00
	$902.00

RENTAL OF EQUIPMENT

DIAMOND DRILL	2800 00
GENERATING PLANT	400 00
PUMP	270.00
AIR COMPRESSOR	270 00
CAMPSITE	25 00
CATERPILLAR OR DRAGLINE	600 00
	$4435.80

g NOT APPLICABLE

h REPAIR (HANDLES, ETC) OF SHOVELS AND NEW SHOVELS,

HAMMERS, STEEL ETC	$100.00
POWDER, CAPS + FUSES	125.00
TENT FOR CREW	59.00
STOVE, SPRINGS, BEDDING, FLOORING FOR TENT	250.00
	$534.00

EXHIBIT D

LABOR - 6 MINERS OR MUCKERS - 90 DAYS OR 720 HOURS	
EACH @ $2.00/HOUR	$6,40.00
- HELPER FOR DRILL OPERATOR	1440.00
SUPERVISORY - MANAGER OF PROJECT	2000.00
MINING ENGINEER SERVICES	500.00
DIAMOND DRILL OPERATOR	2250.00
	$14,830.00

EXHIBIT E. - REPAIRS

CABIN	100.00
REPAIR TO ROAD - 19000 FT	
SURVEY + MAPS	$900.00
STAKES	75.00
CULVERTS	800.00
14-3 X 10 X 30 TO USE ON BRIDGES + CULVERTS	90.00
CONTRACT PRICE TO ROAD BUILDER	1600.00
	3565.00

14. Exhibit E (question 23-c)*

a) Is it applicable? YES

b) Sufficient data? YES

c) Reasonable? SHOULD NOT INCLUDE ROAD REPAIRS

d) Field check needed? NO

15. In your judgment, can the proposed work be done in the proposed time? PROBABLY

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? How to submitt separate from the access Road (MT-115) Field Team does not think it would fit the project. It is recommended that any contract be limited to the cost of opening No 2 and No 3 tunnels and that, before additional assistance be granted, the Field Team redesign these Tunnels

Reviewed by: R Wood
D P MacPherson

Date

97692

FILE COPY
SURNAME:

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

June 20, 1951

Mr. Howard A. Peterson, President
300 Palomar Building
Seattle 1, Washington

Subject: DMA-1608X
Re: Exploration Loan

My dear Mr. Peterson:

Receipt is acknowledged of your application and attachments of May 29, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1608X and referred to Mr. J. B. Gowen, Chief, Copper Branch on June 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1608X.

Sincerely yours,

LANDON F. STROBEL
jc

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓ File
Gowen
Lyon

DMA-1608

dma 1608X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 8, Washington

June 1, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed are four copies of Form MF-103 and supporting data submitted by the Mount Rainier Mining Co., 300 Palomar Building, Seattle 1, Washington, which has a prospect in Glacier Basin in Mount Rainier National Park.

Mr. John Hosterman and I examined this property in September, 1950 at the request of the National Park Service and our report should be available from the files of the U. S. Geological Survey. On page 10 this report states as follows: "In summary, there are some showings of copper-gold bearing rock on the property of the Mount Rainier Mining Co., but there is little evidence, either on the surface or in the one accessible underground working, to indicate the presence of an appreciable tonnage of minable grade rock. Furthermore, there is little evidence from the dumps or from the company's production records to indicate that a significant quantity of ore was ever found in the now inaccessible workings. The 47 odd tons of ore shipped in 1927 is a very slim return for 45 years of operation and the expenditure of what must have been a considerable sum of money for exploration. There is little evidence to indicate that additional prospecting would be anymore fruitful than it has been in the past." I note that in question 21 of the application the following statement is made: "The cleaning out of No. 1 on Stronghold has been advised by the DMA field men, also work on Tunnels No. 2 and 3. They also advised core testing of the molybdenum so as to satisfy ourselves and justify the DMA in granting us a production loan." This is a misinterpretation of a letter which I wrote to Mr. Ole Oakland of the Mount Rainier Co. on April 4. A copy of this letter and the original letter from Mr. Oakland is attached. You will note that I said we would re-examine the property <u>if</u> they could clean out the No. 2 and 3 Tunnels. It is evident that Mr. Oakland misunderstood me.

As stated in my report, there are surface ore showings on the Mount Rainier property, but there is nothing to indicate, at least in my judgment, that these are liable to be of much economic value. It is possible, though in my opinion not probable, that ~~the~~ significant quantities of ore were found in the old tunnels. I therefore regard the proposed exploration as a rather poor bet, but a relatively small amount spent in opening up the old tunnels sufficiently, so that they could be examined, would quickly show whether any more work should be done on the property. Therefore, I would make no strong objections if a contract were granted for this purpose. I think that this could be done at a cost that would be very much less than that proposed by the applicant. Therefore, if the contract were granted, it should provide that the first step would be the cleaning out of these tunnels for examination and it should be made part of the contract that this work would be done with the very minimum of equipment. It also should be made clear that diamond drilling would be contingent on the results of the showings in the tunnels.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Exedutive Officer, DMA
Field Team, Region II

Enclosures

cc: U.S.B.M., Volin

dma 160

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 8, Washington

June 1, 1951

Mr. L. F. Strebel
Executive Secretary
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Strebel:

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Sincerely yours,

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

Enclosures

cc: U.S.B.M., Velim

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

April 4, 1951

Mr. Ole Oakland
Secretary and Treasurer
Mount Rainier Mining Company
13403 Interuban S.
Seattle, Washington

Dear Mr. Oakland:

This will acknowledge your letter of March 30 concerning the Mount Rainier Mining Co. From the examination which we made of the property last fall, it is evident that there is not enough ore visible on the property to justify a Defense Minerals Administration loan. If it were possible for you to open the No. 2 and 3 tunnels, where apparently most of the underground development had been done, we would then be able to determine whether the property would warrant further exploration. Unless the ore showings in these tunnels are encouraging, I do not believe that much further work is warranted on the property, and I do not believe that the property could qualify for a Defense Minerals Administration loan. Frankly, I was not greatly impressed with what I saw on the surface or in the one tunnel we were able to enter, but if you can clean out the No. 2 and 3 tunnels so that they can be looked at, we would be glad to re-examine the property.

Sincerely yours,

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

H. A. Peterson, Pres.
Thor Oakland, Dir.
Carl H. Labiske, V.P.

Ole Oakland, Sec. & Treas.
Albert H. Bodelson, Dir.

MT. RAINIER MINING CO., INC.
A Washington Corporation
Seattle, Wash.

March 30, 1951

Mr. A. E. Reissenborn,
D. W. A. Director
Spokane, Washington

Dear Sir and Friend:

Can we expect financial aid on our property in the Mt. Rainier Nat. Park? You were in the party that went up the last Sept. Although the tunnels were closed we do have a plan for 1951. This is our plan; First to repair the road up to the mine property 18 to 19000 feet, just a passable truck road can help. This can be had at approximately $2800. Secondly---We intend to reopen #2 and #3 tunnels (that is the place we had to crawl in) to get to the face of the tunnel produce ore. We must erect an aerial cable tram to get the ore to the road. The cost estimated is $5,000. This will take about 20 days. The third...We want a core drill test on the molybdenum claim. The cost of the test has not been determined as yet as the drill outfits are quite costly to get up to the property, but this claim had such fabulous tests made in 1906 and even earlier and we would like to know just what and how much there is there. Mr. Westby advised us to explore this thoroughly and now is the time for molybdenum and manganese. There is quite a bit of copper pirates in this ore too. Can funds be had for exploration? To what extent is a drill needed to go down at least 100 ft? Fifth...We also plan to clear out tunnel #5 where the machinery and cabins are and the timber. We plan to drive this up 1100 ft. then we know we will have a continuous body at 800 ft depth. The necessary steps to take is what we would like to know and need at this time. Mr. Preston and Mr. Hill have modified the technicalities so it is possible to either build or repair the road. Mr. Bevar, at the Chamber of Commerce in Seattle has advised us on the delay of the necessary blanks and preparations needed. A Processing plant on the west side seems to me to be the real necessity.

The time for work is short up there, Can we get this done in time for the 1951 season?

Respectfully yours,

Ole Oakland, Sec. & Treas.
Mount Rainier Mining Co.
Seattle, Washington
c/o 13403 Interuban S.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

April 4, 1951

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Field Team, Region II

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March 30, 1951

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Mount Rainier Mining Co.
Seattle, Washington
c/o 13403 Interuban S.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

April 4, 1951

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Secretary and Treasurer
Mount Rainier Mining Company
13403 Interuban S.
Seattle, Washington

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Sincerely yours,

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

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-1608
Metal or Mineral
Date Received 5-15-52
Amount $
Participation (Government %)

MOUNT RAINIER MINING CO. INC.
(A Washington Corporation)
1627 - 15 th AVE.
Seattle 22, Washington

Name and address of applicant

Date April 15, 1952

If you have already filed MF-100, give date filed June 4, 1950, type of assistance requested Exploration,

DMA Docket Number (if available) ~~DMA 1608~~

INSTRUCTIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1952

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

Mount Rainier Mining Co. INC.
(Name of company)

By Ole Oakland
(Signature of authorized official)

April 15, 1952
(Date)

Sec Treas & General Manager
(Title)

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

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

MOUNT RAINIER MINING CO.,INC
1627-15th Ave.
Seattle 22, Washington

U.S. Dept. of the Interior
Defence Minerals Administration
Budget Bureau No. 42-R1035.I.
Form MF-103,

Dear Sirs: Re:- Application for Aid for an Exploration, Project Pursuant to Mineral Order 5, Under Defence Production ACT OF 1950.

(Please Note) The Mount Rainier Mining Co., has filed Form MF-100, which contains descriptions and other information, asked for in Questions, Number (1) and (2) of this form MF-103, pertaining to Description of all eight (8) Pat. Claims, on U.S. Plate Maps Numbers 1148 and 1149.

1.

(a) The Exploration Loan in this application shall be used on the Three Claims shown on Plate Number 1148 and is directed by a mineral Mounument 1148, known as the Orinda, Peach and Snow-Flake claims, to reopen the existing Tunnels #2 and #3 at elevation appro. 6000 feet, to further explore a known body of Copper,Gold,Silver, and other minerals, Copper being the most prominent.

(b) This Mount Rainier Mining Co., owns these claims and have a Special Use Permit to lease Government Ground for operations and road use.

(c) The legal description of the area are all bound together by U.S.Mineral Mounuments numbers 1148 and 1149 and under U.S. Patented Numbers 928966 and 928967.
The exploration work shall be on the Snow-Flake Claim, on the Mount Ruth Group of Claims, located in Glacier Basin, Mount Rainier National Park, Washington, in which all work shall be centered.

2.

(a) The minerals and metals are numerous, and their values have not as yet been defined to their potential values, except the Copper, Gold and Silver, and show as high as 27% Copper coming from the proposed project, but we must know for sure, and are willing to spend our money, and repay borrowed money to find out.

(b) Statements of the geologic features and reasons for expecting to find commercial ore bodies will be explained by our Engineer, and attached herein under Question #2, Par. (b).

3.

(a) The proposed work as proposed by the DMA; field team of Spokane, under Mr.Wiesenborn, to clean out #2 and #3 tunnels on the Snow-Flake Claim at a cost not exceeding $6,000.00 on a matching basis.

(b) Under this year's conditions work will start June 23, 1952 and will take approximately five working weeks, or a month and one-half under ordinary conditions, prevailing.
A special effort can be put forth when defence minerals are needed. If defence minerals are needed we feel we have them.

4.

Hereto attached marked #4 bearing sketches and receipts.

5.

Three cabins are on the property, and were equipped with stove and cooking equipment, bunks and springs to accomodate (8) men, two ore cars, rails, etc., bedding,

5 Cont'd.

shovels, picks, wheel-barrow, repairs figured at $350.00.

6.

Additional sanitary outbuilding must be built, approx. cost of	$25.00
Lights and fixtures, two needed @ $10.00 each " " "	20.00
500 ft. of ½" cable (second hand)	22.50
	$67.50

7.

(a)	Rented Equipment	
	Air-Compressor, Jack-hammer and hose @ $90.00 per Mo.	$180.00
(b)	Detailer, Dynamite Caps @ approx. $125.00	125.00
(b)	Wheel-barrow $25.00, Picks and Shovels (5) each total	50.00
(b)	Two Gas Lanterns @ $10.00	20.00
(b)	Cable 500 feet	22.50
(b)	Mattresses (2) @ $20.00 ea.	40.00
(b)	(4) Blankets @ $2.50 ea.	10.00
(b)	Roofing - 2 rolls @ $5.00 ea.	10.00
(b)	Nails - #10p ten lbs., and Spikes #60p twenty lbs.,	5.00
(b)	Drainage tubes - 60 pieces @ $1.25 ea.	75.00
(b)	20 pieces timber 8"x8"x8' lg. @ $4.69 ea.	96.60
(b)	40 gal. White Gas for compressor and lights @ .27¢	10.80
(b)	2 Burner Camp Stove	17.60
(b)	4 Assays @ $7.50 and 4 Specktographic Tests @ $7.50	60.00
(b)	(1) Water Pump and Hose	25.00
(b)	Road Repair and transportation of supplies, under contract, (see enclosed agreement)	1,800.00
		$2,547.50

(c)	Furnished by the Company,	
	(3) cabins, valued @ appro.	$1,200.00
(c)	16.3 acres, Leased camp sites, Working Ground	95.00
(c)	Road-Survey, Cleared	552.30
(c)	Materials for outbuilding	10.00
		$1,857.00

(Note) All items under (c) are to be used for exploration, showing additional cost to the project and not to be charged to the present current budget loan.

(Note) On Items (a) and (b) Rented Equipment, Depreciations are figured by owner, the purchased equipment bears no depreciation until used or the project is completed and fully paid for.

8.

The project will require (6) men, (4) Muckers (1) Supervisor and (1) Engineer, who shall be paid in accordance with services rendered. The Muckers and Supervisor shall receive $2.40 per hour, 8 hour days, less $17.50 per week for board and withholding tax.
$2.40 per hour by 8 hour day is - $19.60 per day, 6 days per week is -- $117.60. $117.60 *plus $17.50 is $135.10 total per week, (5) weeks is -- $675.50, AND FOR FIVE MEN IS 5 times $675.50 or $3,377.00, total for 5 men. Recommendations and reports, maps, engineering, etc. -- $75.50

* plus

9.

Total rentals and purchases material, etc. $2,547.50

0
180 00
125 00
50 00
20 00
22 50
40 00
10 00
10 00
5 00
75 00
96 60
10 80
17 60
60 00
25 00
1800 00
3377 00
75 50

E

6000 00

Form MF-103

9 Con't.

Brought Forward	$2,547.50
Total Labor ----------	3,377.00
Total to recommendations, reports, engineering, maps ----------	75.50
	$6,000.00

Total Cost of Exploration Project -- $6,000.00

10.

For matching the DMA Loan for exploration, the directors of the Mount Rainier Mining Co., INC., have appropriated (10,000) Ten Thousand Shares to be used for exploration and road repair.
$3,000.00 is to be allocated to the DMA Matching Fund, balance to be used to expedite the expedient completion of the project.
Road repair. The men employed have applied for stock on the basis of 50-50, one-half cash, one-half stock, Total Wages ---------- $2,940.00
(For Five) -- Board figured at $17.50 per week per man for five weeks ------ 437.50
Rented and purchased Equipment and Materials ---------- Total -- 2,547.00
Recommendation, reports, maps and engineering ---------- Total -- 75.50

The total cost of this exploration project shall be ---------- $6,000.00

From the original 135,000 Shares of Common Stock, as subscribed for in the articles of incorporation, on file in the Dept. of Licence, Olympia, Wash., the Directors of the Mount Rainier Mining Company and its Officers have allocated 10,000 shares to be used for exploration work @ $1.00 per share. 3,000 shares have voluntarily been subscribed for immediate use for the year 1952, leaving a balance of 7,000 that also will be used for exploration as needed.

(B) In conclusion - and consideration of this smaller loan, the Directors of the Mount Rainier Mining Co. INC. do feel that this amount is sufficient to clean out the #2 and #3 tunnels as recommended, on the Snow-Flake Claim.

11.

Under conditions prevailing, it should be known that, Upon a Motion duly made and seconded, at an Annual Directors Meeting, Mr. Ole Oakland has been authorized to Act as Manager and Authorized Official to act in behalf of the Company. Mr. Thor Oakland to act as Budget Clerk. Mr. J. M. McDonald as Consulting Engineer, Mr. Milton I. Hatling, Director and Vice-President, Mr. Thor Oakland, Director, Mr. Valdemar A. Jensen, Director.

MOUNT RAINIER MINING CO. INC.
1627-15th Ave.
Seattle 22, Washington

NAME	THOR OAKLAND	ADDRESS	1627 15th Ave. Seattle, Wash.
NAME	VALDEMAR A. JENSEN	ADDRESS	4642 S. 150th, Seattle, Wash.
NAME	J. M. MC DONALD, Consulting Eng.	ADDRESS	740 - No. 92d, Seattle, Wash.
NAME	MILTON I. HATLING	ADDRESS	3816 - E. 86th, Seattle, Wash.
NAME	OLE OAKLAND	ADDRESS	1627 - 15th Ave. Seattle, Wash.

(COPY)

REPORT OF THE MOUNT RAINIER MINING CO.INC.

(Question) 2 (Par b)

- GEOLOGICAL FEATURES -

The Prevailing country bocks are ryolite,porphyry, and phonolites, The main ore bodys and the largest exposures of ore are foundto exist in what I term a heavily stained and well mineralized zone of porphry,haveing a trened of course, of North-easterly and South-westerly,with a dip to the south and is easily observed from head-quarters.
There are numerous stringers or veinscarrying Copper,gold and silver values, varying from in width from 2 in., to 40 feet,running through,and with the body of porphry. I wish to call to your attention to the strong resemblance I found to exist between this porphry and that of Bingham, Utah where thoes famous copper mines are now producing such vast amounts of the metal.
I might mention that the ores of Butte, Mont.are closely assoiated with porphy
I find that the said zone of porphyry, when reaching the westerly end of the property,to be divied by an eruptive dike of ryolite, thus separating it i into two distinctive parts. the southerly part, on which are located the Peah, Snowflake and the Stronghold No.I, I consider the mostb promising of all your claims, and I recmmend that you concentrate your energies on the above, named claims.

Recommendations:

Taking into consideration that the work preformed in the two - upper tunnels, has proved beyond a doubt that the values and the continuity of the ore bodies are permanent, and would advise starting your main working tunnel at a point specified to ypur manager, when on the ground.
Dimension of tunnel to be 6x7feet in the clear. The reason for this are: 500 ft. greater dept attained that at present,less danger from snowslides, Cross- cutting all the parallel veins that mayexist but do not outcrop on the surface.

Opinion

Insumming up my conclusions, I wish to call your attentions to the increased values in your ores as dept is attained and proved by the attach assay certificates, tothe ideal character of the ore from a concentrating standpoint for the lowerficials, as amply proved by the high grade nature of t the vast improvements visible at every point, I must conclude that your proper ty, in my estimation has a wonderful future, and you are fully justified in further development.

Respectfully submitted,
ARTHUR E. BRYAN, M.E.
Ap
April IO,I9I7

P.S. This report was given by Mr Bryn after (IO) days of examination of the Mining Claims prior to the issue of Pattens by U.S.A.

PAST HISTORY OF THE COMPANY

The history of the company dates back to its predecessor of the same name, which was incorporated in the State of Washington, on January 16, 1905. Extensive work was done on the mining claims acquired by this corporation at intervals from that time for a period of about 20 years. The work consisted mainly of a number of long drifts, raises, open cut and in general the prospecting of the property to a considerable extent. Copper was apparently found in good quantities as was some gold and molybdenum ore. The company after getting a fairly good start ran into many difficulties, mainly financial, and mining operations were suspended, and the properties since that time have lain practically dormant. After numerous attempts by former stockholders to rehabilitate the corporation, all without success, in 1937 Ole Oakland, one of the stockholders, came to the State of Washington with the express intention of putting the mine in operation. He contacted all of the former stockholders and obtained contributions and donations in the amount of $6,866.00, which funds were held in trust by him for the purpose of paying the costs and operations of a new corporation to be formed to further explore and develop the properties. The former Mount Rainier Mining Company was disfranchised through dispayment of its corporate tax in July, 1932. A great deal of the work done by the former company on the properties is inuring to the benefit of the present corporation, there being a number of drifts opened and in some places the ore body contacted.

CURRENT HISTORY OF THE COMPANY

The new corporation was organized July 5, 1946, and incorporated under the laws of the State of Washington, its capitalization being 300,000 shares of Common Stock at a par value of 30¢ per share. At the present time there is outstanding 118,316 shares which were either sold for cash to the former stockholder of the old corporation or given in exchange for work and services rendered in the new corporation. There are 10,800 shares of stock being held in escrow as required by the Director of Licenses of the State of Washington. This corporation is presently making an offering of 100,000 shares of non-assessable Common Stock at $1.00 per share aggregating $100,000.00, under the exemption provided by Regulation of the Securities Act of 1933. The underwriting, discounts and commissions will not exceed $25,000.00 or at the rate of 25¢ per unit. The corporation owns 8 patented claims in the Glacier Park District of the Mount Rainier National Park. Some preliminary work and considerable money have been expended on the property since the incorporation of the present company. Drifts have been partially cleaned out, buildings rehabilitated for the shelter of the working men and the property put in working condition. Negotiations have been entered into with the Park Department for the opening of the road into the property.

CONTEMPLATED OPERATIONS

The company has obtained the services of Mr. George C. Westby, Mining Engineer and Geologist, and his report dated October 10, 1947, states partly as follows:

"It is suggested that installation of suitable pneumatic equipment and two shift operations would be under the conditions obtaining on the property, the greatest long way economy the company should consider in way of preparation.

As to the recommendations made by Mr. Westby he specifically recommends that the following work be done:

(1) The management has taken definite steps to economically cut the vein at depth - at about elevation 6000 ft.

(2) Most of the work has centered at the cross cut tunnel #5. A working operation now 650 ft. in from the portal.

(3) The ground about the portal of #5 tunnel has been cleared, the tunnel is drained and rock removed up to a "cave-in" about 215 ft. from the portal. Essential replacement of rotting sets are being made. Well constructed quarters for the working force, near the portal of #5 "working" tunnel is in use, and are at this juncture, very convenient and economical of time, money and working energy.

(4) An important fact is that #5 tunnel is at this time probably the most valuable asset of the development work. The decision of the management to avoid haphazard diversion of funds and labor in different directions and center every effort on #5 crosscut tunnel, is justifiable. First, because proof of the ore at depth is essential to all future planning. Second, because drifting on the vein when reached, is necessary to determination of the probable scope of all future operations. No useful design for power development, milling or smelting, can be made before the indicated work is done. No. 5 tunnel is now in 650 feet in direction of the objective and the speed with which the rest of the distance is made will certainly have much to do with the fortunes of the Company.

This is the intention of the officers of the corporation to proceed along with the plan outlined by Mr. Westby. The assays taken on the property as shown in the Certificate of Assay by Falkenberg & Laucks, Assayers, Seattle, Washington, dated August 10, 1917, and based upon the value of minerals at that time, assay shown on the following copy of the Assay report. The Tacoma Smelter Report dated October 22, 1927 showed that the former company shipped from this property 94,749 pounds of ore for smeltering, and the company received therefrom a net of $1,046.02. Such reports as these would indicate that the properties, if properly managed and adequately financed, would show an adequate return on the investing capital.

THE PURPOSE OF FINANCING

The net proceeds from the offering will be used for exploration, development and allied work on certain mining claims owed in fee by this Company. It is the intention of the directors of the corporation to drive the No. 5 Crosscut Tunnel at the lower level to the ore body as the immediate work to be done. The tunnel is now in operation and about 650 ft. in and was cleaned out in 1947 up to 215 ft.

It would require 1,000 more feet of tunnel to reach the center vein of the lode by passing directly under the No. 2 and No. 3 Tunnel in which the ore has been contacted. It will be realized that many thousands of dollars were spent in the past to establish the known value of the ore in these tunnels and the directors believe it to be the expedient plan to capitalize so far as possible upon the money expended and the work done by the former corporation.

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STATEMENT AS TO THE LEGAL TITLE IN THE PROPERTY

"I have examined the title to the following described mining claims located in Mount Rainier National Park and embracing a portion of approximately Township 16 North, Range 9 to the Willamette Meridian, Pierce County, Washington. Claims are known as the Orinda, Peach, and Snowflake, United States Survey No. 1148 and Washington No. 1, Washington No. 2, Stronghold No. 1 and Stronghold No. 2 and Mary Lode Claims, United States Survey No. 1149. It is my opinion that the titles to the property are merchantable and that the title to the fee is now vested in the Mount Rainier Mining Company.

Signed Harold J. Shea,
Attorney at Law
Seattle, Washington

The management of the Company is in the hands of responsible men with varied and wide experience in business, the officers having been elected for a period of one year, none of whom will receive a salary as such officers. It is their purpose to give the best management and they intend to employ engineers, attorneys, and auditors on a reasonable basis in proportion to the services rendered. It is the feeling of the directors and officers that the properties of the Company can be operated in a manner that will be satisfactory to the stockholders and in the best interests of all concerned in order that the greatest return can be obtained from the minerals extracted. It is felt that the opportunity to invest in Mount Rainier Mining Company is an unusual one and should be profitable to those who purchase the initial stock being offered at the present time, and with the successful operation of the mine they should obtain an excellent return on their investment.

oooooooooooooooooooooooooooooo

TACOMA SMELTER
American Smelting & Refining Company

Tacoma, Washington, October 22, 1927

Bought of: Mt. Rainier Mining Co.
Enumclaw, Washington

Smelter Lot: 2702 Material: Ore
Car or Vessel: Own Truck Date Received: 10/13
Quotation: Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY			VALUE PER TON	
Less sacks		.03	Gold 100%	at 19.00	.57	
Net Wet Weight	96.900	2.38	Silver Less ½	at 55 7/8	1.05	
Less 2.22 % moisture	2.151	13.50	Wet Copper 270.0 less 26 lbs. 244 lbs.	at 10.025	24.46	
Net dry weight	94.749					
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374	at		Net Value	22.08	1,046.02

(COPY)

CERTIFICATE OF ASSAY

FALKENBERG & LAUCKS
Chemists--Metallurgists--Assayers

Certificate 170680

Seattle, Washington
August 10, 1917

We hereby certify that we have assayed the samples submitted to us by Mr. A. E. Bryan, and that they give the following results per ton of 2,000 pounds.

SAMPLES MARKED	GOLD		SILVER		COPPER		
	Oz. Troy per ton	Value per ton	Oz. Troy per ton	Value per ton	Per-cent	Value per ton	Total Value Per ton
No. 1 Lower Tunnel, 3 ft. Av. in stope	.10	2.00	4.8	3.80	15.7	84.80	90.60
No. 2 Upper tunnel 10 ft. Av. 210 ft. in	.02	.40	1.8	1.40	6.2	33.50	35.30
No. 3 Several pieces of phonolite	.01	.20	.2	.10			.30
No. 4 Outcrop No. 2 vein, Stronghold No. 1	.02	.40	2.4	1.90	7.8	42.10	44.40
No. 5 Selected ore from face of tunnel, Stronghold No. 1	.04	.80	1.8	1.40	29.9	161.50	163.70
No. 6 Lower tunnel, copper glance 355 ft. in	.07	1.40	7.6	6.10	25.4	137.20	144.70

Valuation:

Gold $20 per oz.

Silver - 80¢ per oz.

Lead---------

Copper - 30¢ per lb.

Respectfully,

FALKENBERG & LAUCKS
By A. Laucks

(It is understandable that the Directors are unable to state that the above Assays are average for the ore discovered or to be discovered in the workings of the mine)

(1)

MOUNT RAINIER MINING COMPANY, INC.
(A Washington Corporation)
To the Stockholders

CAPITALIZATION 300,000 Shares

Common Stock
(30¢ Par Value)
Non- Assessable

HOME ADDRESS
1627 - 15th Avenue,
Seattle 22, Washington

In addition to the 10,000 shares as stated, offering 100,000 shares of its common non-assessable, voting stock at $1.00 per share. Commissions of 25% amounting to 25¢ per Unit, or $25,000.00 in the aggregate will be paid to the company's, Licensed salesmen. The net proceeds of shall be used to provide matching funds of $3,000.00 to meet the company's obligations under the Defense Minerals Administration's exploration project, to repair road, and for other corporate purposes.

It is the company's trend and utmost desire not to issue more shares than is required to meet it's obligation for all concerned, therefor the corporation reserves the right to limit the number of shares to any one person, and the right to cancel or withdraw any part of or all of the 100,000 shares from the market without notice.

"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the Commission, or that the Commission has considered the accuracy of completeness of the statements in this communication."

RECEIVED
MAY 8 1952
U.S.G.S.
SPOKANE WASH.

TACOMA SMELTER
AMERICAN SMELTING & REFINING COMPANY

Tacoma, Washington October 22, 1927

BOUGHT OF Mr. Rainier Mining Co., Enumclaw, Wash.

MATERIAL Ore

Amelter Lot 2702

Date Received 10/13

Car or Vessel Own Truck

Quotation Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY	VALUE PER TON			
		.03	Gold 100% at 19.00		.57	
Net Wet Weight	96,900	2.38	Silver less 1/2 At 55 7/8		1.05	
Less 2.22% Moisture	2,151	13.50	Wet Copper 270.0 Less 26 Lbs.			
Net Dry Weight	94,749		244 Lbs. at	10,025	24.46	
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374			Net Value	22.08	1,046.08

Net Proceeds 1,046.08

MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. ~~DMA-1531~~ DMA-1608
Metal or Mineral
Date Received 5-15-52
Amount $
Participation (Government %)

Name and address of applicant

MOUNT BAKER MINING CO. INC.
(A Washington Corporation)
1627 - 15 th AVE.
Seattle 22, Washington

Date April 15, 1952

If you have already filed MF-100, give date filed June 4, 1950, type of assistance requested Exploration,
DMA Docket Number (if available) ~~DMA 1608~~

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1952

INSTRUCTIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

Mount Rainier Mining Co. Inc.
(Name of company)

By Ole Oakland
(Signature of authorized official)

April 15, 1962
(Date)

Sec Treas & General Manager
(Title)

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

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

MOUNT RAINIER MINING CO., INC
1627-15th Ave.
Seattle 22, Washington

U.S. Dept. of the Interior
Defense Minerals Administration
Budget Bureau No. 42-R1035.1.
Form MF-103,

Dear Sirs: Re:- Application for Aid for an Exploration, Project Pursuant to Mineral Order 5, Under Defense Production ACT OF 1950.

(Please Note) The Mount Rainier Mining Co., has filed Form MF-100, which contains descriptions and other information, asked for in Questions, Number (1) and (2) of this form MF-103, pertaining to Description of all eight (8) Pat. Claims, on U.S. Plate Maps Numbers 1148 and 1149.

1.

(a) The Exploration Loan in this application shall be used on the Three Claims shown on Plate Number 1148 and is directed by a mineral Monument 1148, known as the Orinda, Peach and Snow-Flake claims, to reopen the existing Tunnels #2 and #3 at elevation appro. 6000 feet, to further explore a known body of Copper, Gold, Silver, and other minerals, Copper being the most prominent.

(b) This Mount Rainier Mining Co., owns these claims and have a Special Use Permit to lease Government Ground for operations and road use.

(c) The legal description of the area are all bound together by U.S. Mineral Monuments numbers 1148 and 1149 and under U.S. Patented Numbers 928966 and 928967.
The exploration work shall be on the Snow-Flake Claim, on the Mount Ruth Group of Claims, located in Glacier Basin, Mount Rainier National Park, Washington, in which all work shall be centered.

2.

(a) The minerals and metals are numerous, and their values have not as yet been defined to their potential values, except the Copper, Gold and Silver, and show as high as 27% Copper coming from the proposed project, but we must know for sure, and are willing to spend our money, and repay borrowed money to find out.

(b) Statements of the geologic features and reasons for expecting to find commercial ore bodies will be explained by our Engineer, and attached herein under Question #2, Par. (b).

3.

(a) The proposed work as proposed by the DMA; field team of Spokane, under Mr. Wiesenborn, to clean out #2 and #3 tunnels on the Snow-Flake Claim at a cost not exceeding $6,000.00 on a matching basis.

(b) Under this year's conditions work will start June 23, 1952 and will take approximately five working weeks, or a month and one-half under ordinary conditions, prevailing.
A special effort can be put forth when defense minerals are needed. If defense minerals are needed we feel we have them.

4.

Hereto attached marked #4 bearing sketches and receipts.

5.

Three cabins are on the property, and were equipped with stove and cooking equipment, bunks and springs to accomodate (8) men, two ore cars, rails, etc., bedding,

5 Cont'd.

shovels, picks, wheel-barrow, repairs figured at $350.00.

6.

Additional sanitary outbuilding must be built, approx. cost of	$25.00
Lights and fixtures, two needed @ $10.00 each " " "	20.00
500 ft. of ½" cable (second hand)	22.50
	$67.50

7.

(a)	Rented Equipment	
	Air-Compressor, Jack-hammer and hose @ $90.00 per Mo.	$180.00
(b)	Detailer, Dynamite Caps @ approx. $125.00	125.00
(b)	Wheel-barrow $35.00, Picks and Shovels (5) each total	50.00
(b)	Two Gas Lanterns @ $10.00	20.00
(b)	Cable 500 feet	22.50
(b)	Mattresses (2) @ $20.00 ea.	40.00
(b)	(4) Blankets @ $2.50 ea.	10.00
(b)	Roofing - 2 rolls @ $5.00 ea.	10.00
(b)	Nails - #10p ten lbs., and Spikes #20p twenty lbs.,	5.00
(b)	Drainage tubes - 60 pieces @ $1.25 ea.	75.00
(b)	20 pieces timber 8"x8"x8' lg. @ $4.69 ea.	94.60
(b)	40 gal. White Gas for compressor and lights @ .27¢	10.80
(b)	2 Duraer Camp Stove	17.60
(b)	4 Assays @ $7.50 and 4 Spectographic Tests @ $7.50	60.00
(b)	(1) Water Pump and Hose	25.00
(b)	Road Repair and transportation of supplies, under contract, (see enclosed agreement)	1,800.00
		$2,547.50

(c)	Furnished by the Company,	
	(3) cabins, valued @ appro.	$1,200.00
(c)	16.3 acres, Leased camp sites, Working Ground	95.00
(c)	Road-Survey, Cleared	552.20
(c)	Materials for outbuilding	10.00
		$1,857.00

(Note) All items under (c) are to be used for exploration, showing additional cost to the project and not to be charged to the present current budget loan.

(Note) On Items (a) and (b) Rented Equipment, Depreciations are figured by owner, the purchased equipment bears no depreciation until used or the project is completed and fully paid for.

8.

The project will require (8) men, (4) Muckers (1) Supervisor and (1) Engineer, who shall be paid in accordance with services rendered. The Muckers and Supervisor shall receive $2.45 per hour, 8 hour days, less $17.50 per week for board and withholding tax.
$2.45 per hour by 8 hour day is - $19.60 per day, 6 days per week is -- $117.60. $117.60 * less $17.50 is $136.10 total per week, (5) weeks is -- $675.50, AND FOR FIVE MEN IS 5 times $675.50 or $3,377.00, total for 5 men. Recommendations and reports, maps, engineering, etc. -- $75.50

* plus

9.

Total rentals and purchases material, etc. ---------- $2,547.50

9 Con't.

Brought Forward	$2,847.50
Total Labor	3,377.00
Total to recommendations, reports, engineering, maps	75.50
	$6,000.00

Total Cost of Exploration Project — $6,000.00

10.

For matching the DMA Loan for exploration, the directors of the Mount Rainier Mining Co., INC., have appropriated (10,000) Ten Thousand Shares to be used for exploration and road repair.
$3,000.00 is to be allocated to the DMA Matching Fund, balance to be used to expedite the expedient completion of the project.

Road repair. The men employed have applied for stock on the basis of 50-50, one-half cash, one-half stock, Total Wages	$2,940.00
(For Five) — Board figured at $17.50 per week per man for five weeks	437.50
Rented and purchased Equipment and Materials — Total —	2,847.00
Recommendation, reports, maps and engineering — Total —	75.50
The total cost of this exploration project shall be	$6,000.00

From the original 155,000 Shares of Common Stock, as subscribed for in the articles of incorporation, on file in the Dept. of Licence, Olympia, Wash., the Directors of the Mount Rainier Mining Company and its Officers have allocated 10,000 shares to be used for exploration work @ $1.00 per share. 3,000 shares have voluntarily been subscribed for immediate use for the year 1962, leaving a balance of 7,000 that also will be used for exploration as needed.

(B) In conclusion - and consideration of this smaller loan, the Directors of the Mount Rainier Mining Co. INC. do feel that this amount is sufficient to clean out the #2 and #3 tunnels as recommended, on the Snow-Flake Claim.

11.

Under conditions prevailing, it should be known that, Upon a Motion duly made and seconded, at an Annual Directors Meeting, Mr. Ole Oakland has been authorized to Act as Manager and Authorized Official to act in behalf of the Company. Mr. Thor Oakland to act as Budget Clerk. Mr. J. M. McDonald as Consulting Engineer, Mr. Milton I. Hatling, Director and Vice-President, Mr. Thor Oakland, Director, Mr. Valdemar A. Jensen, Director.

MOUNT RAINIER MINING CO. INC.
1627-15th Ave.
Seattle 22, Washington

NAME	THOR OAKLAND	ADDRESS	1627 15th Ave. Seattle, Wash.
NAME	VALDEMAR A. JENSEN	ADDRESS	4642 S. 150th, Seattle, Wash.
NAME	J. M. MC DONALD, Consulting Eng.	ADDRESS	740 - No. 92d, Seattle, Wash.
NAME	MILTON I. HATLING	ADDRESS	5816 - E. 86th, Seattle, Wash.
NAME	OLE OAKLAND	ADDRESS	1627 - 15th Ave. Seattle, Wash.

0
180 00
125 00
50 00
20 00
22 50
40 00
10 00
10 00
5 00
75 00
96 60
10 80
17 60
60 00
25 00
1800 00
3377 00
75 50

E

6,000 00

(COPY)

REPORT OF THE NORTH BARNIER MINING CO.INC.

(Question) 2 (Par b)

- GEOLOGICAL STRUCTURE -

The Prevailing country books are ryolite,porphyry, and phonolites, the main ore bodys and the largest exposures of ore are found to exist in what I term a heavily stained and well mineralized zone of porphry,haveing a trend of course, of North-easterly and South-westerly,with a dip to the south and is easily observed from head-quarters.
There are numerous stringers or veinscarrying Copper,gold and silver values, varying from in width from 2 in., to 40 feet,running through,and with the body of porphry. I wish to call to your attention to the strong resemblance I found to exsist between this porphry and that of Bingham, Utah where those famous copper mines are now producing such vast amounts of the metal.
I might mention that the ores of Butte, Mont.are closely associated with porphy
I find that the said zone of porphyry, when reaching the westerly end of the property,to be divied by an eruptive dike of ryolite, thus separating it into two distinctive parts, the southerly part, on which are located the Peak, Snowflake and the Stronghold No.I, I consider the most promising of all your claims, and I recommend that you concentrate your energies on the above, named claims.

Recommendations:

Taking into consideration that the work preformed in the two - upper tunnels, has proved beyond a doubt that the values and the continuity of the ore bodies are permanent, and would advise starting your main working tunnel at a point specified to your manager, when on the ground.
Dimension of tunnel to be 6x7feet in the clear. The reason for this area 500 ft. greater dept attained that at present,less danger from snowslides, Cross- cutting all the parallel veins that mayexist but do not outcrop on the surface.

Opinion

Insumming up my conclusions, I wish to call your attentions to the increased values in your ores as dept is attained and proved by the attach assay certificates, tothe ideal character of the ore from a concentrating standpoint for the lowerficials, as amply proved by the high grade nature of the vast improvements visible at every point, I must conclude that your property, in my estimation has a wonderful future, and you are fully justified in further development.

Respectfully submitted,
A[illegible], M.E.
April 10,1917

P.S. This report was given by Mr Dryn after (10) days of examination of the Mining claims prior to the issue of Patents by U.S.A.

Det Sec 1608X

(3)

MOUNT RAINIER MINING COMPANY, INC.
(A Washington Corporation)
To the Stockholders

CAPITALIZATION 300,000 Shares

Common Stock
(30¢ Par Value)
Non- Assessable

HOME ADDRESS
1627 - 15th Avenue,
Seattle 22, Washington

In addition to the 10,000 shares as stated, offering 100,000 shares of its common non-assessable, voting stock at $1.00 per share. Commissions of 25% amounting to 25¢ per Unit, or $25,000.00 in the aggregate will be paid to the company's, Licensed salesmen. The net proceeds of shall be used to provide matching funds of $3,000.00 to meet the company's obligations under the Defense Minerals Administration's exploration project, to repair road, and for other corporate purposes.

It is the company's trend and utmost desire not to issue more shares than is required to meet it's obligation for all concerned, therefor the corporation reserves the right to limit the number of shares to any one person, and the right to cancel or withdraw any part of or all of the 100,000 shares from the market without notice.

"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the Commission, or that the Commission has considered the accuracy of completeness of the statements in this communication."

RECEIVED
MAY 8 1952
U. S. G. S.
SPOKANE, WASH.

OFFICE AND LABORATORY
ROOMS 34-35 ROXWELL BLOCK, 2d FLOOR
Over J. Redelsheimer & Co., Clothiers
ENTRANCE: 106 COLUMBIA STREET
BETWEEN FIRST AND SECOND AVES.
OPPOSITE BRUNSWICK HOTEL
WELLS FARGO, GREAT NORTHERN AND
AMERICAN EX. CO.S' OFFICES

CERTIFICATE OF ASSAY

C. H. VOLL ASSAYER AND CHEMIST

ESTABLISHED 1881

TELEPHONE BLACK 7154

Removed to 113 Columbia St. bet. 1st and 2nd A.
ROOMS 5 - 6 - 7 & 8

Mr. Mount Rainier Mng Co

SEATTLE, WASH., Sept 27 1906

Dear Sir: The ____ sample of ____ ore submitted to me for assay ____ results as follows (per ton of 2,000 lbs.):

ASSAY MARK: 6 foot	ASSAY MARK: 40 foot tunnel	ASSAY MARK: Molybdenite.	ASSAY MARK:
NO. 2	NO. 10	NO.	NO.

METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.
GOLD		43	8	60	GOLD		34	6	80	GOLD		27	5	40	GOLD				
SILVER		96		58	SILVER		77		46	SILVER		42		25	SILVER				
	PER CENT	100				PER CENT	100				PER CENT	100				PER CENT	100		
COPPER	%24	31	72	93	COPPER	%27	68	83	04	COPPER	% 2	12	6	36		%			
LEAD					LEAD					LEAD									
										Tellurium		07	—						
										Molybdenum	34	61	1211	35					
		100					100					100					100		
TOTAL VALUE PER TON	%		$ 82	11	TOTAL VALUE PER TON	%		$ 90	30	TOTAL VALUE PER TON	%		$1,223	36	TOTAL VALUE PER TON	%		$	

MARKET VALUATION

Gold @ $20.67 per oz. Copper @ $.15 per lb. Molybdenum @ $1.75 per lb.
Silver @ $.60 per oz. Lead @ $ per lb. @ $ per lb.

C. H. Voll, Assayer

P R O S P E C T U S O N

M O U N T R A I N I E R M I N I N G C O M P A N Y

(A Washington Corporation)

CAPITALIZATION $300,000

COMMON STOCK
(30¢ Par Value)
NON-ASSESSABLE

H O M E O F F I C E
4046 Arcade Building

SEATTLE, WASHINGTON

AUGUST 1948

oooooooooooooooooooo

"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the commission or that the commission has considered the accuracy of completeness of the statements in this communication."

PAST HISTORY OF THE COMPANY

The history of the company dates back to its predecessor of the same name, which was incorporated in the State of Washington, on January 16, 1905. Extensive work was done on the mining claims acquired by this corporation at intervals from that time for a period of about 20 years. The work consisted mainly of a number of long drifts, raises, open cut and in general the prospecting of the property to a considerable extent. Copper was apparently found in good quantities as was some gold and molybdenum ore. The company after getting a fairly good start ran into many difficulties, mainly financial, and mining operations were suspended, and the properties since that time have lain practically dormant. After numerous attempts by former stockholders to rehabilitate the corporation, all without success, in 1937 Ole Oakland, one of the stockholders, came to the State of Washington with the express intention of putting the mine in operation. He contacted all of the former stockholders and obtained contributions and donations in the amount of $6,866.00, which funds were held in trust by him for the purpose of paying the costs and operations of a new corporation to be formed to further explore and develop the properties. The former Mount Rainier Mining Company was disfranchised through dispayment of its corporate tax in July, 1932. A great deal of the work done by the former company on the properties is inuring to the benefit of the present corporation, there being a number of drifts opened and in some places the ore body contacted.

CURRENT HISTORY OF THE COMPANY

The new corporation was organized July 5, 1946, and incorporated under the laws of the State of Washington, its capitalization being 300,000 shares of Common Stock at a par value of 30¢ per share. At the present time there is outstanding 118,316 shares which were either sold for cash to the former stockholder of the old corporation or given in exchange for work and services rendered in the new corporation. There are 10,800 shares of stock being held in escrow as required by the Director of Licenses of the State of Washington. This corporation is presently making an offering of 100,000 shares of non-assessable Common Stock at $1.00 per share aggregating $100,000.00, under the exemption provided by Regulation of the Securities Act of 1933. The underwriting, discounts and commissions will not exceed $25,000.00 or at the rate of 25¢ per unit. The corporation owns 8 patented claims in the Glacier Park District of the Mount Rainier National Park. Some preliminary work and considerable money have been expended on the property since the incorporation of the present company. Drifts have been partially cleaned out, buildings rehabilitated for the shelter of the working men and the property put in working condition. Negotiations have been entered into with the Park Department for the opening of the road into the property.

CONTEMPLATED OPERATIONS

The company has obtained the services of Mr. George C. Westby, Mining Engineer and Geologist, and his report dated October 10, 1947, states partly as follows:

"It is suggested that installation of suitable pneumatic equipment and two shift operations would be under the conditions obtaining on the property, the greatest long way economy the company should consider in way of preparation.

As to the recommendations made by Mr. Westby he specifically recommends that the following work be done:

(1) The management has taken definite steps to economically cut the vein at depth - at about elevation 6000 ft.

(2) Most of the work has centered at the cross cut tunnel #5. A working operation now 650 ft. in from the portal.

(3) The ground about the portal of #5 tunnel has been cleared, the tunnel is drained and rock removed up to a "cave-in" about 215 ft. from the portal. Essential replacement of rotting sets are being made. Well constructed quarters for the working force, near the portal of #5 "working" tunnel is in use, and are at this juncture, very convenient and economical of time, money and working energy.

(4) An important fact is that #5 tunnel is at this time probably the most valuable asset of the development work. The decision of the management to avoid haphazard diversion of funds and labor in different directions and center every effort on #5 crosscut tunnel, is justifiable. First, because proof of the ore at depth is essential to all future planning. Second, because drifting on the vein when reached, is necessary to determination of the probable scope of all future operations. No useful design for power development, milling or smelting, can be made before the indicated work is done. No. 5 tunnel is now in 650 feet in direction of the objective and the speed with which the rest of the distance is made will certainly have much to do with the fortunes of the Company.

This is the intention of the officers of the corporation to proceed along with the plan outlined by Mr. Westby. The assays taken on the property as shown in the Certificate of Assay by Falkenberg & Laucks, Assayers, Seattle, Washington, dated August 10, 1917, and based upon the value of minerals at that time, assay shown on the following copy of the Assay report. The Tacoma Smelter Report dated October 22, 1927 showed that the former company shipped from this property 94,749 pounds of ore for smeltering, and the company received therefrom a net of $1,046.02. Such reports as these would indicate that the properties, if properly managed and adequately financed, would show an adequate return on the investing capital.

THE PURPOSE OF FINANCING

The net proceeds from the offering will be used for exploration, development and allied work on certain mining claims owed in fee by this Company. It is the intention of the directors of the corporation to drive the No. 5 Crosscut Tunnel at the lower level to the ore body as the immediate work to be done. The tunnel is now in operation and about 650 ft. in and was cleaned out in 1947 up to 215 ft.

It would require 1,000 more feet of tunnel to reach the center vein of the lode by passing directly under the No. 2 and No. 3 Tunnel in which the ore has been contacted. It will be realized that many thousands of dollars were spent in the past to establish the known value of the ore in these tunnels and the directors believe it to be the expedient plan to capitalize so far as possible upon the money expended and the work done by the former corporation.

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STATEMENT AS TO THE LEGAL TITLE IN THE PROPERTY

"I have examined the title to the following described mining claims located in Mount Rainier National Park and embracing a portion of approximately Township 16 North, Range 9 to the Willamette Meridian, Pierce County, Washington. Claims are known as the Orinda, Peach, and Snowflake, United States Survey No. 1148 and Washington No. 1, Washington No. 2, Stronghold No. 1 and Stronghold No. 2 and Mary Lode Claims, United States Survey No. 1149. It is my opinion that the titles to the property are merchantable and that the title to the fee is now vested in the Mount Rainier Mining Company.

Signed Harold J. Shea,
Attorney at Law
Seattle, Washington

The management of the Company is in the hands of responsible men with varied and wide experience in business, the officers having been elected for a period of one year, none of whom will receive a salary as such officers. It is their purpose to give the best management and they intend to employ engineers, attorneys, and auditors on a reasonable basis in proportion to the services rendered. It is the feeling of the directors and officers that the properties of the Company can be operated in a manner that will be satisfactory to the stockholders and in the best interests of all concerned in order that the greatest return can be obtained from the minerals extracted. It is felt that the opportunity to invest in Mount Rainier Mining Company is an unusual one and should be profitable to those who purchase the initial stock being offered at the present time, and with the successful operation of the mine they should obtain an excellent return on their investment.

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TACOMA SMELTER
American Smelting & Refining Company

Tacoma, Washington, October 22, 1927

Bought of: Mt. Rainier Mining Co.
Enumclaw, Washington
Smelter Lot: 2702 Material: Ore
Car or Vessel: Own Truck Date Received: 10/13
Quotation: Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY			VALUE PER TON	
Less sacks		.03	Gold 100%	at 19.00	.57	
Net Wet Weight	96.900	2.38	Silver Less ½	at 55 7/8	1.05	
Less 2.22 % moisture	2.151	13.50	Wet Copper 270.0 less 26 lbs. 244 lbs.	at 10.025	24.46	
Net dry weight	94.749					
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374	at		Net Value	22.08	1,046.02

(COPY)

CERTIFICATE OF ASSAY

FALKENBERG & LAUCKS
Chemists--Metallurgists--Assayers

Certificate 170680

Seattle, Washington
August 10, 1917

We hereby certify that we have assayed the samples submitted to us by Mr. A. E. Bryan, and that they give the following results per ton of 2,000 pounds.

SAMPLES MARKED	GOLD		SILVER		COPPER		
	Oz. Troy per ton	Value per ton	Oz. Troy per ton	Value per ton	Per-cent	Value per ton	Total Value Per ton
No. 1 Lower Tunnel, 3 ft. Av. in stope	.10	2.00	4.8	3.80	15.7	84.80	90.60
No. 2 Upper tunnel 10 ft. Av. 210 ft. in	.02	.40	1.8	1.40	6.2	33.50	35.30
No. 3 Several pieces of phonolite	.01	.20	.2	.10			.30
No. 4 Outcrop No. 2 vein, Stronghold No. 1	.02	.40	2.4	1.90	7.8	42.10	44.40
No. 5 Selected ore from face of tunnel, Stronghold No. 1	.04	.80	1.8	1.40	29.9	161.50	163.70
No. 6 Lower tunnel, copper glance 355 ft. in	.07	1.40	7.6	6.10	25.4	137.20	144.70

Valuation:

Gold $20 per oz.

Silver - 80¢ per oz.

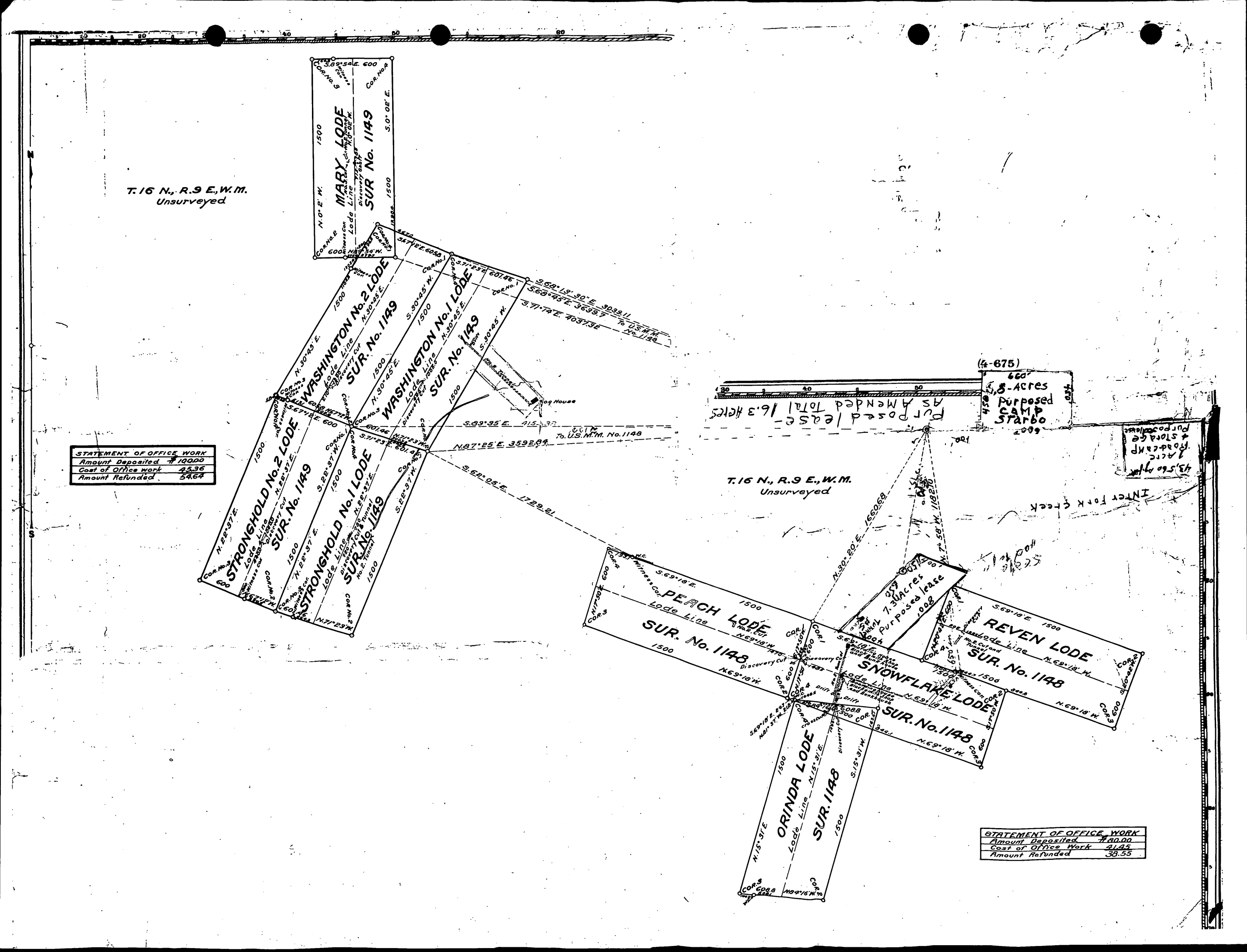
Lead---------

Copper - 30¢ per lb.

Respectfully,

FALKENBERG & LAUCKS
By A. Laucks

(It is understandable that the Directors are unable to state that the above Assays are average for the ore discovered or to be discovered in the workings of the mine)



STATEMENT OF OFFICE WORK	
Amount Deposited	$100.00
Cost of Office work	45.36
Amount Refunded	54.64

STATEMENT OF OFFICE WORK	
Amount Deposited	$80.00
Cost of Office Work	41.45
Amount Refunded	38.55

TACOMA SMELTING COMPANY

Bought of Mt. Rainier Mining Co.
Shipping Point Enumclaw, Wn.

Tacoma, Wash. Dec. 29, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
2236		79192	68,920	0.25	68,748	34.374		0.055	3.76	11.37

BASIS OF SETTLEMENT Gold 95 % Per Oz.	Silver 95 % N.Y.Qt.	Lead As% Per Lb.	Copper Treatment Less 1.3 % Per Ton Per Lb. Qt.		Net Price Per Ton	AMOUNT Dollars Cts.
			32.458¢ less 3¢			
20	75-3/4		29.458	3.00	60.08	2065.19
			Freight		41.09	
			Paid a/c 10/6		755.35	
			Cost of Umpire		10.00	
			Paid a/c 12/22		250.00	
			" " 10/23		5.35	1063.29
			FINAL DUE			1001.90

Arrived Sept. 25, 1916

FINAL SETTLEMENT

TACOMA SMELTER
AMERICAN SMELTING & REFINING COMPANY

Tacoma, Washington October 22, 1927

BOUGHT OF Mt. Rainier Mining Co.,
Enumclaw, Wash.

MATERIAL Ore

Smelter Lot 2702

Date Received 10/13

Car or Vessel Own truck

Quotation Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY	VALUE PER TON		
		.03	Gold 100% at 19.00	.57	
Net Wet Weight	96,900	2.38	Silver less 1/2 At 55 7/8	1.05	
Less 2.22 % Moisture	2,151	13.50	Wet Copper 270.0 Less 26 Lbs		
Net Dry Weight	94.749		244 Lbs. At 10.025	24.46	
			Gross Value	26.08	
			Treatment	4.00	
Net Tons	47.374		Net Value	22.08	1,046.08

Net Proceeds 1,046.08

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTER
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1608 X

Date received 6-5-51

Participation

t. Rainier Mining Co.,
300 Palomar Bldg.,
Seattle, 1, Wash.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date May 29 1951

FILL IN THIS BLOCK

Date of application May 29 1951

Estimated cost $25,650.80

Mineral or metal Copper and Molybdenum

Percentage of Government participation 50

Location of mine Galcier Basin, Mt. Rainier National Park

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

THE EXPLORATION

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

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

CERTIFICATION

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

Mt. Rainier Mining Co
(Name of company)

By Howard Q. Pitman
(Signature of authorized official)

May 29, 1951
(Date)

President
(Title)

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

*Same as footnote on page 1.

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

MOUNT RAINIER MINING COMPANY

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950 BY THE MOUNT RAINIER MINING COMPANY, 333 PALAMAR BUILDING, SEATTLE, WASHINGTON.

THE APPLICANT.

Answers to questions for application for loan on Form MF-103 of April 1951.

1. The applicant is a corporation of the state of Washington, with offices at 303 Palamar Building, Seattle, Washington.

2. This question does not apply to our company.

3. The names and addresses of the officers of this company:

   Howard A. Peterson, Pres. 6726--14th. N. W. Seattle, 7
   Albert A. Bodelson, Vic-Pres., 311 N. 47th. Seattle
   Ole Oakland, Sec-Treas., 13403 Interurban St., Seattle
   Carl H. Labishe, Director, 2625 Birch St., Astoria, Oregon.
   Thorwald Oakland, Director, 13403 Interurban St., Seattle

   The names of the five largest stockholders.

   Mrs. Marie Simons, Woodburn, Oregon.
   Mr. Jacob Strandness, Glenwood, Minnesota.
   Mr. Torjus Oakland, Bisbee, N. Dak.
   Mr. George Strandness, Glenwood, Minn.
   Mr. Ole Oakland, 13403 Interurban St., Seattle.

4. The management of the company is in the hands of responsible men with varied and wide experience in business. These officers are not newcomers to the company or to mining, the five present directors representing a total of 74 years in mining experience and in association with and as stockholders in the Mount Rainier Mining Company.

   Mr. Ole Oakland, the present Sec-Treas. of the company has been selected by the Board to manage our exploration project. Mr. Oakland is a substantial landowner of farm land in North Dakota which he personally has operated for years and as such has had wide business experience. He has been associated with the Mt. Ranier Mining Company for more than 40 years actively. He has done considerable work at the mine from time to time, he has been associated with mining engineers and geologists in their surveys of company property and in this connection has gained great experience as a practical miner. He knows our property as probably no other man does and he makes an ideal manager for any work to be done at the mine.

5. The Mt. Rainier Mining Co. is the sole owner of this property.

Page 2--Application of Mt. Rainier Mining Co. for aid under Defense Production Act of 1950.

6. There are no claims, liens or encumbrances against the property of the Mt. Rainier Mining Co.

7. This question does not apply to our company as we are not a lessee.

8. Current financial statement is attached.

9. When our application for this aid is approved we will be prepared to invest as needed one half of our proposed project which total is approximately $20,000.00 (Twenty Thousand Dollars). We have been authorized by the R.F.C. to sell stock up to a total of $100,000.00 (One hundred thousand Dollars) We already have a substantial amount promised by some of our stockholders.

We wish to emphasize that we have passed the prospecting stage, we have located ore bodies the extent of which remains to be determined by this exploration project. Our property contains over 2700 feet of tunneling, our assays and smelter returns show conclusively that we have the ore.

We wish to call your attention to the fact that already our company has spent considerably more than $200,000.00 in bringing our property to its present development. We really should be given matching funds for some of work already done, the substantial work already accomplished shows that this property does deserve further exploration to determine extent of ore bodies.

10. The property of the Mt. Rainier Mining Company is legally described in the attached Copy No. 14196C4.
The Mt. Rainier Mining Company is the sole owner of these claims as we understand that any practical mining as a result of this exploration project on any of our claims is an obligation to repay the government for any aid given us for such project.

11. This property has always been known as the Mt. Rainier Mining Company.

12. Our property is located as follows with reference to towns, rail roads, etc.
44 miles South East of Enumclaw, Wash. which town is served by the Northern Pacific Railway. There is a paved road all the way from Enumclaw to our mine with the exception of the last 5 ½ miles. The National Park has a road within 19,000 feet of our sites. This 19,000 feet was formerly a road made and maintained by the the company but in the years this road reverted to a trail. We now have a permit from the National Park to reconstruct this road the the company has already made arrangement s with a recognized road builder to repair this road this summer, as soon as ground conditions permit. The special work permit granted us by the Natl. Park demands some technical work, surveying, etc. which we have asked to be waived as these technicalities will delay our working on the road until July 1951.
Enumclaw is at present our shipping point, we plan, however, to use Greenwater which is 13 miles closer to the mine.

13. Our source of water comes from Glacier streams and is adequate at all times. We cannot at this time state the amount of power to be used or establish a rate per hour or other costs concerning water.

14. The useable facilities, equipment, buildings or structures are:

Three structures, two camp cabins, two ore cars, two diesel engines, one drill sharpener, plus hammers, drills, hoses, pipes, fittings.

Other equipments needed for this project such as air compressor, generator, pump, diamond drill will be rented.

15. The copper ore will be shipped by truck to the Tacoma Smelter, Tacoma, Wash.
The molybdenum ore will have to be processed by ball mill and flotation. This can be done only on the grounds because it would not be feasible to freight it out.

16. Question on history, etc. of the mine:
(a) See prospectus attached for current and past history.
(b) There is no other mining property in the park or adjacent thereto.
(c) See Smelter returns and assays herewith enclosed.

17. See Prospectus, sheets 5 and 6.

18. Property has not been operating.

19. Property is on a very steep slope which is covered with talus, sliding slate and general lava ash. The original camp site which was cleared remains intact. Tunnels and location cuts are covered by slides to depth of 3 to 8 feet. Our mining engineer advised us to prospect the Mary Lode for molybdenum and manganese. Copper is also heavy there. Only assessment work has been done on this claim.

THE EXPLORATION.

20 The exploration will be conducted to determine extent and amount of copper, molybdenum.

21. It is proposed that the following work be done: building and repairing road from White River Camp to our mine site so that ready transportation of man power, equipment, etc. can be made to the mine; Dewatering and clearing of tunnels No. 2 and 3 and tunnel No. 1 on Stronghold Claim; core drilling and testing of molybdenite on the claim where that mineral was discovered.
Time for doing this is estimated at 90 days or so.
The cleaning out of No. 1. on Stronghold has been advised by The U. S. G. S. field man, also work on tunnels No. 2 and 3. They also advised core testing of the molybdenum so as to satisfy

ourselves and justify the D. P. A. in granting us a Production Loan later.

22. The history of the development of this mine, its assays and smelter returns which are attached prove beyond a doubt that there is good ore on this property and that further work should be done to determine the extent of the ore bodies.

23. Estimated costs of the project, as called for in this question.

(a) Labor			
Six laborers, muckers or miners, 90 days or 720 hours each, at $2.00 per hour	-----	$ 8640.00	
			8,640.00
(b) Manager of project	-----	2000.00	
Mining Engineer services	-----	900.00	
Diamond Drill operator	-----	2250.00	
Helper for operator	-----	1440.00	6,590.00
(c) Repairs			
Cabins	-----	100.00	
Repair to road from White River Camp to mine site, 19000 feet.			
Survey and maps	-----	900.00	
Stakes	-----	75.00	
Culverts	-----	800.00	
14- 3 by 10 by 20, to use over govt. bridges and culverts, so road machinery can be moved over. (2nd. hand)		90.00	
Contract price to road builder		1600.00	3,465.00
(d) No additional facilities			
(e) Equipment costing more than $50.00			
1200 ft. ½ cable		212.00	
Pullies, etc		90.00	
Jeep for transportation and hauling of supplies from White River Camp to mine, and for use at mine(2nd. hand-one in mind)		600.00	902.00
(f) Rental of Equipment			
Diamond Drill		2800.00	
Generating Plant		450.00	
Pump		270.00	
Air Compressor		270.00	

Continuation of Question 23.

Rent of Camp Site- as provided under our Permit with the Mt. Rainier National Park	-----95.80	
Caterpillar or Drag Line (for moving machinery up slopes from Camp site at mine)	----600.00	
this is for taking up and down.		4435.80
(g) Rental of equipment owhed by Mine No rental charged.		
(h) Material, supplies and equipment, costing less than $50.00 each.		
Repair(handles,etc) of Shovels and new shovels, hammers, steel,etc.	100.00	
Powder, caps and fuses,	125.00	
Tent for crew at Molybdenum Claim	59.00	
Stove, springs, bedding, flooring for tent	250.00	534.00
(i) Cost of Power and any othr itwm not provided for above.		
Gas and oil9 for all power)	300.00	
Car trips-to and from Mine site to town for supplies, men, carrying assay samples, getting repairs,etc. Estimated 30 trips- 160 miles to the trip at 10¢ per mile	480.00	
Freighting machinery to and from mine	200.00	984.00
Assays of samples disclosed by diamond drilling(every 5 feet)	500.00	500.00
TOTAL		$ 25650.80

24. Time Schedule

3 weeks- survey and road	3,365.00
1 week - Hauling Machinery	200.00
Wages- Manager and help to move machinery from mine camp to claims	1000.00

We expect to complete the project in the next 90 days and will use the balance of money about equally divided by number of months(at rate of about $7000 per month)

MOUNT RAINIER MINING COMPANY

Question #8

STATEMENT OF CURRENT FINANCIAL CONDITION.

ASSETS

Cash on hand or in bank		$---------
Notes and Accts. Receivable		450.00
		156.00
Subscriptions Receivable---None		
Less Collections on Subscriptions-none		
Net Subscriptions receivable		----------
Mining property and real estate exclusive of equipment		400,000.00
Equipment		13,298.84
Leases		--------
Other assets		--------
Total		413,905.07

LIABILITIES

Notes and accounts payable to:		
Officers and directors	None	
Stockholders	None	
Others	None	----------
Total current liabilities		----------
Production notes	None	
Bonded debt	None	
Mortgages	None	
Purchase contracts	None	
Other liabilities		
Engineer	40.00	
Lawyer	240.00	280.00
Common shares 118,316 at 10¢ and 1.00		35,549.84
Stock subscribed but not issued 187,694 at 1.00 and 3.00		378,070.45
		413,905.07

Ans. Question # 10 Exhibit (a)

Beginning for the description of the Orinda lode claim at corner no. 1 a schist boulder 17 x 7 x 6 feet above the ground (marked with cross (x) and Orinda 1--1148, with mound of stone) from which U. S. Mineral Monument no. 1148bears north ten degrees one minute east two thousand one hundred eleven and one-tenth feet distant;

Thence, first course, south fifteen degrees thirty-one minutes west one thousand five hundred feet to corner no. 2 a schist stone 24 x 16 x 10 inches, marked Orinda 2-1148 with mound of stone.

Thence, second course, north eighty-four degrees sixteen minutes west five hundred eight and one-tenth feet to corner witness to corner no. 3, a schistboulder in place 16 x 12 x 12 inches, marked with cross and WC Orinda 3-1148 with mound of stone; six hundred eight and eight tenths feet to corner no. 3 in bank of perpetual snow and not established;

Thence, third course, north fifteen degrees thirty-one minutes east one thousand five hundred feet to corner No. 4 in pathway of snow slide and not established; from which a witness corner a schist stone 30 x 10 x 10 inches, marked WC Orinda 4-1148, with mound of stone, bears north eighty one degrees thirty-seven minutes west twenty-one and eight tenths feet distance.

Thence, fourth course, south eighty-four degrees sixteen minutes east three hundred four and four tenths feet to a point from which discovery bears south fifteen degrees thirty one minutes west ten feet distant; six hundred eight and eight tenths feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Orinda vein or lode;

Beginning for the description of the Peach lode claim at corner No. 1, a schist stone 24 x 8 x 8 inches, marked Peach 1-1148, with mound of stone; from which U.S. Mineral monument No. 1148 bears north thirty degrees twenty minutes east one thousand six hundred sixty and sixty eight hundredths feet distant;

Thence, first course, south seventeen degrees fifty minutes west three hundred feet to a point from which discovery bears north sixty-nine degrees eighteen minutes west thirty feet distant; six hundred feet to corner No. 2 in perpetual snow path and not established; from which a witness corner to corner No. 4, of said Orinda lode claim bears south sixty-nine degrees eighteen minutes east twenty-nine and seven tenths feet distant;

Thence, second course, north sixty-nine degrees eighteen minutes west one thousand five hundred feet to corner No. 3, a schist stone 36 x 10 x 10 inches, marked Peach 3-1148 with mound of stone;

Thence, third course, north seventeen degrees fifty minutes east six hundred feet to corner No. 4, on the moraine of inner glacier and not established;

Thence, fourth course, south sixty-nine degrees eighteen minutes east one hundred ninety three and one tenth feet to witness corner No. 4, a schist stone 36 x 16 x 16inches, marked WC Peach 4-1148, with mound of stone; one thousand five hundred feet to corner No. 1, the place of the beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along Peach vein or lode;

Beginning for the description of the Snowflake lode claim at corner No. 1, identical with corner No. 1 of said Peach lode claim also marked SF 1-1148 thence, first course, south sixty-nine degrees eighteen minutes east one thousand one hundred and one-tenth feet to witness corner No. 2, a schist stone 30 x 16 x 10 inches marked WC SF 2--1148, with mound of stone one thousand five hundred feet to corner No. 2 on rocky slope and not established;

Thence, second course, south seventeen degrees fifty minutes west, six hundred feet to corner No. 3, a schist stone 30 x 10 x 10 inches marked SF 30-1148 with mound of stone;

Thence, third course, north sixty-nine degrees eighteen minutes west eight hundred forty-six and one tenth feet intersect line 1-2 of said Orinda lode claim; one thousand four hundred seventy and three tenths feet to witness corner to corner No. 4, also marked SF 4-1148, identical with witness corner to corner No. 4 of said Orinda lode claim one thousand five hundred feet to corner No. 4 in perpetual snow path and not established;

Thence fourth course, north seventeen degrees fifty minutes east three hundred feet to a point from which discovery bears south sixty-nine degrees eighteen minutes east fifteen feet distant; six hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Snowflake vein or lode; the premises herein granted containing sixty acres and seven hundred seventy-seven thousandth of an acre;

Beginning for the description of the Washington No. 1, lode claim at corner No. 1 a schist stone 24 x 12 x 10 inches marked W1-1-1149 with mound of stone, from which U.S. Mineral Monument No. 1148 bears south sixty eight degrees thirteen minutes thirty seconds east three thousand thirty nine and eleven hundredths feet distant;

Thence, first course south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 a schist stone 24 x 10 x 10 inches; marked W 1-2-1149 with mound of stone;

Thence second course north seventy one degrees twenty three minutes west three hundred and seventy three hundredths feet to a point from which discovery bears north thirty degrees forty five minutes east for hundred ninety five feet distant;six hundred one and forty six hundredths feet to a corner No.3, across (x) and W1-3--1149 marked on phonolite outcrop 3 x 2 x 2 feet above ground with mound of stone;

Thence third course, north thirty degrees forty five minutes east one thousand five hundred feet to corner No. 4, a schist stone 24 x 10 x 8 inches marked W 2-4-1149 with mound of stone;

Thence, fourth course, south seventy one degrees twenty three minutes east six hundred one and forty six hundredths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 1 vein or lode.

Beginning for the description of the Washington No. 2 lode claim, at corner No. 1, identical with corner No. 4 of said Washington No. 1 lode claim also marked W-2-1-1149 from which said U.S. Mineral monument No. 1148 bears south sixty eight degrees forty five minutes east three thousand six hundred thirty nine and seven tenths feet distant;

Thence, first course, south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Washington No. 1 lode claim also marked W 2-2-1149.

Thence, second course, north sixty seven degrees twelve minutes west three hundred two and nine tenths feet to a point from which discovery bears north thirty degrees forty five minutes east two hundred ten feet distant;five hundred seventeen and one tenth feet to witness corner to corner No. 3, a cross (x) and WC W2-3-1149 marked on granite outcrop 12 x 12 x 24 inches above ground with mound of stone six hundred five and eight tenths feet to corner No. 3 on moraine of Winthrop Glacier and not established;

Thence, third course, north thirty degrees forty five minutseast one thousand one hundred four and eight tenths feet to witness corner, to corner No. 4, a cross (x) and W.C. W2-4-1149 marked on top of granite outcrop 4 x 4 x 4 feet with mound of stone; one thousand five hundred feet to corner No. 4 on steep rocky slide and not established;

Thence fourth course, south sixty seven degrees twelve minutes east six hundred fiveand eight tenths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 2 vein or lode.

Beginning for the description of the Stronghold No. 1 lode claim at corner No. 1 identical with corner No. 2 of said Washington No. 1 lode claim also marked S1-1-1149, from which said U.S. Mineral Monument No. 1148 bears north eighty seven degrees twenty five minutes east three thousand five hundred ninety two and eighty four hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to a corner No. 2 on Inter Glacier and not established;

Thence second course, north seventy one degrees twenty three minutes west four hundred sixty four and three tenths feet to witness corner to said corner No. 2, a cross (x) and WC 31-2-1149 marked on top of phonolite boulder 24 x 10 x 10 inches with a mound of stone; Six hundred and forty six hundredths feet to corner No. 3 a phonolite stone 136 x 12 x 12 inches marked S-1-4-1149;

Thence third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4, identical with corner No. 3 of said Washington No . lode claim also marked S-1-4-1149;

Thence fourth course, south seventy one degrees twenty three minutes east three hundred and seventy three hundredths feet to a point from which discovery bears south twenty two degrees thirty seven minutes west seven hundred eighty feet distant; six hundred one and forty six hundredths feet to corner No. 1, the place of beginning, the survey of the lode claim as above described extending one thousand five hundred feet in length along said Stronghold No. 1 vein or lode.

Beginning for the description of the Stronghold No. 2 lode claim at the corner No. 1, identical with corner No. 3 of said Washington No. 1 lode claim also marked S2-1-1149 from which U.S. Mineral Monument No. 1148 bears south eighty nine degrees thirty five minutes east four thousand one hundred fifty nine and thirty ~~XXXX~~ two hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Stronghold No. 1 lode claim also marked S 2-2-1149;

Thence, second course, north sixty seven degrees twelve minutes west two hundred fifty and two tenths feet to witness corner No. 3 a cross (x) and WC S 2-3-1149, marked on top of granite boulder 4 x 4 x 3 feet above ground with mound of stone; three hundred feet to a point from which discovery bears north twenty two degrees thirty seven minutes east four hundred forty feet distant; six hundred feet to corner No. 3, on Winthrop Glacier and not established;

Thence, third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4 in moraine and not established.

Thence fourth course, south sixty seven degrees twelve minutes east eighty two and nine tenths feet to witness corner to said corner No. 4, also marked WC S2-4-1149 identical with witness corner to said corner No. 3, ~~xxxxxxxxxx~~ of said Washington No. 2 lode claim as above described extending one thousand five hundred feet in length along said Stronghold vein or lode.

MOUNT RAINIER MINING COMPANY

Beginning for the description of the Mary lode claim at corner No. 1 on precipitous ground and not established; from which said U.S. Mineral Monument No. 1148 bears south seventy one degrees fourteen minutes east four thousand thirty seven and thirty two hundredths feet distant;

Thence, first course, north eighty nine degrees fifty four minutes west two hundred seventy nine and seven tenths feet intersect line 3-4 of said Washington No. 2, lode claim; three hundred feet to a point from which discovery bears north two minutes west seven hundred fifteen feer distant; three hundred seventy five and four tenths feet to witness corner to said corner No. 1, a cross (x) and WC M1-1149 marked on granite outcrop 4 x 10 x 4 feet above ground with mound of stone; six hundred feet to corner No. 2 a granite stone 36 x 12 x 12 inches marked M 2-1149 with mound of stone;

~~Thenxxthirdxcourxxnorthxeightyxninexdegrees~~

Thence, second course, north two minutes west one thousand five hundred feet to corner No. 3 a phonolite stone 36 x 14 x 12 inches marked M 3-1149 with mound of stone;

Thence, third course, south eighty nine degrees fifty four minutes east, one hundred sixty and two tenths feet to witness corner to corner number four, a phonolite stone 30 x 14 x 8 marked M4-1149 with mound of stone six hundred feet to corner No. 4 on rocky slope and not established;

Thence, fourth course, southtwo minutes east one thousand two hundred ninety eight and four tenths feet intersect line 4-1 of said Washington No. 2 lode claim; one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Mary vein or lode; the premises herein granted containing one hundred one acres and seven hundred seventy seven thousandths of and acre;

Together with all that portion of the said veins, lodes or ledges and of all other veins, lodes and ledges throughout their entire depth, the tops of apexes of which lie inside of the surface boundary lines of said described premises in said surveys extended downward vertically although such veins, lodes or ledges in their downward course may so far depart from a perpendicular as to extend outside the vertical side lines of said premises, the right of possession to such outside parts of said veins, lodes, or ledges to be confined to such portions thereof as lie between vertical planes drawn downward through the end lines of said surveys so continued in their own direction that such planes shall intersect such exterior parts of said veins, lodes, or ledges; and together with all the rights, privileges, immunities and appurtenances of whatsoever nature thereunto belonging.

Filed for Record

- History -
Applicant Exhibit
Question # 16
Page -2-

PROSPECTUS ON

MOUNT RAINIER MINING COMPANY

(A Washington Corporation)

CAPITALIZATION $300,000

COMMON STOCK
(30¢ Par Value)
NON-ASSESSABLE

HOME OFFICE SEATTLE, WASHINGTON
~~4046 Arcade Building~~
300 Palomar B/G.

AUGUST 1948

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"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the commission or that the commission has considered the accuracy of completeness of the statements in this communication."

Question #16

PAST HISTORY OF THE COMPANY

The history of the company dates back to its predecessor of the same name, which was incorporated in the State of Washington, on January 16, 1905. Extensive work was done on the mining claims acquired by this corporation at intervals from that time for a period of about 20 years. The work consisted mainly of a number of long drifts, raises, open cut and in general the prospecting of the property to a considerable extent. Copper was apparently found in good quantities as was some gold and molybdenum ore. The company after getting a fairly good start ran into many difficulties, mainly financial, and mining operations were suspended, and the properties since that time have lain practically dormant. After numerous attempts by former stockholders to rehabilitate the corporation, all without success, in 1937 Ole Oakland, one of the stockholders, came to the State of Washington with the express intention of putting the mine in operation. He contacted all of the former stockholders and obtained contributions and donations in the amount of $6,866.00, which funds were held in trust by him for the purpose of paying the costs and operations of a new corporation to be formed to further explore and develop the properties. The former Mount Rainier Mining Company was disfranchised through dispayment of its corporate tax in July, 1932. A great deal of the work done by the former company on the properties is inuring to the benefit of the present corporation, there being a number of drifts opened and in some places the ore body contacted.

CURRENT HISTORY OF THE COMPANY

The new corporation was organized July 5, 1946, and incorporated under the laws of the State of Washington, its capitalization being 300,000 shares of Common Stock at a par value of 30¢ per share. At the present time there is outstanding 118,316 shares which were either sold for cash to the former stockholder of the old corporation or given in exchange for work and services rendered in the new corporation. There are 10,800 shares of stock being held in escrow as required by the Director of Licenses of the State of Washington. This corporation is presently making an offering of 100,000 shares of non-assessable Common Stock at $1.00 per share aggregating $100,000.00, under the exemption provided by Regulation of the Securities Act of 1933. The underwriting, discounts and commissions will not exceed $25,000.00 or at the rate of 25¢ per unit. The corporation owns 8 patented claims in the Glacier Park District of the Mount Rainier National Park, Some preliminary work and considerable money have been expended on the property since the incorporation of the present company. Drifts have been partially cleaned out, buildings rehabilitated for the shelter of the working men and the property put in working condition. Negotiations have been entered into with the Park Department for the opening of the road into the property.

CONTEMPLATED OPERATIONS

The company has obtained the services of Mr. George C. Westby, Mining Engineer and Geologist, and his report dated October 10, 1947, states partly as follows:

"It is suggested that installation of suitable pneumatic equipment and two shift operations would be under the conditions obtaining on the property, the greatest long way economy the company should consider in way of preparation.

As to the recommendations made by Mr. Westby he specifically recommends that the following work be done:

(1) The management has taken definite steps to economically cut the vein at depth - at about elevation 6000 ft.

(2) Most of the work has centered at the cross cut tunnel #5. A working operation now 650 ft. in from the portal.

(3) The ground about the portal of #5 tunnel has been cleared, the tunnel is drained and rock removed up to a "cave-in" about 215 ft. from the portal. Essential replacement of rotting sets are being made. Well constructed quarters for the working force, near the portal of #5 "working" tunnel is in use, and are at this juncture, very convenient and economical of time, money and working energy.

(4) An important fact is that #5 tunnel is at this time probably the most valuable asset of the development work. The decision of the management to avoid haphazard diversion of funds and labor in different directions and center every effort on #5 crosscut tunnel, is justifiable. First, because proof of the ore at depth is essential to all future planning. Second, because drifting on the vein when reached, is necessary to determination of the probable scope of all future operations. No useful design for power development, milling or smelting, can be made before the indicated work is done. No. 5 tunnel is now in 650 feet in direction of the objective and the speed with which the rest of the distance is made will certainly have much to do with the fortunes of the Company.

This is the intention of the officers of the corporation to proceed along with the plan outlined by Mr. Westby. The assays taken on the property as shown in the Certificate of Assay by Falkenberg & Laucks, Assayers, Seattle, Washington, dated August 10, 1917, and based upon the value of minerals at that time, assay shown on the following copy of the Assay report. The Tacoma Smelter Report dated October 22, 1927 showed that the former company shipped from this property 94,749 pounds of ore for smeltering, and the company received therefrom a net of $1,046.02. Such reports as these would indicate that the properties, if properly managed and adequately financed, would show an adequate return on the investing capital.

THE PURPOSE OF FINANCING

The net proceeds from the offering will be used for exploration, development and allied work on certain mining claims owed in fee by this Company. It is the intention of the directors of the corporation to drive the No. 5 Crosscut Tunnel at the lower level to the ore body as the immediate work to be done. The tunnel is now in operation and about 650 ft. in and was cleaned out in 1947 up to 215 ft.

It would require 1,000 more feet of tunnel to reach the center vein of the lode by passing directly under the No. 2 and No. 3 Tunnel in which the ore has been contacted. It will be realized that many thousands of dollars were spent in the past to establish the known value of the ore in these tunnels and the directors believe it to be the expedient plan to capitalize so far as possible upon the money expended and the work done by the former corporation.

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OFFICERS and DIRECTORS

H. A. Peterson, President
T. Oakland, ~~Secretary-Treasurer~~ (Dir)
Ole Oakland, ~~Director~~ (Sec-Trea)
Albert H. Bodelson, Director
C. H. Dabiske (Dir.)

STATEMENT AS TO THE LEGAL TITLE IN THE PROPERTY

"I have examined the title to the following described mining claims located in Mount Rainier National Park and embracing a portion of approximately Township 16 North, Range 9 to the Willamette Meridian, Pierce County, Washington. Claims are known as the Orinda, Peach, and Snowflake, United States Survey No. 1148 and Washington No. 1, Washington No. 2, Stronghold No. 1 and Stronghold No. 2 and Mary Lode Claims, United States Survey No. 1149. It is my opinion that the titles to the property are merchantable and that the title to the fee is now vested in the Mount Rainier Mining Company.

Signed Harold J. Shea,
Attorney at Law
Seattle, Washington

The management of the Company is in the hands of responsible men with varied and wide experience in business, the officers having been elected for a period of one year, none of whom will receive a salary as such officers. It is their purpose to give the best management and they intend to employ engineers, attorneys, and auditors on a reasonable basis in proportion to the services rendered. It is the feeling of the directors and officers that the properties of the Company can be operated in a manner that will be satisfactory to the stockholders and in the best interests of all concerned in order that the greatest return can be obtained from the minerals extracted. It is felt that the opportunity to invest in Mount Rainier Mining Company is an unusual one and should be profitable to those who purchase the initial stock being offered at the present time, and with the successful operation of the mine they should obtain an excellent return on their investment.

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TACOMA SMELTER
American Smelting & Refining Company

Tacoma, Washington, October 22, 1927

Bought of: Mt. Rainier Mining Co.
Enumclaw, Washington

Smelter Lot: 2702 Material: Ore

Car or Vessel: Own Truck Date Received: 10/13

Quotation: Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY			VALUE PER TON	
Less sacks		.03	Gold 100%	at 19.00	.57	
Net Wet Weight	96.900	2.38	Silver Less ½	at 55 7/8	1.05	
Less 2.22 % moisture	2.151	13.50	Wet Copper 270.0 less 26 lbs. 244 lbs.	at 10.025	24.46	
Net dry weight	94.749					
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374	at		Net Value	22.08	1,046.02

(COPY)

CERTIFICATE OF ASSAY

FALKENBERG & LAUCKS
Chemists--Metallurgists--Assayers

Certificate 170680

Seattle, Washington
August 10, 1917

We hereby certify that we have assayed the samples submitted to us by Mr. A. E. Bryan, and that they give the following results per ton of 2,000 pounds.

SAMPLES MARKED	GOLD		SILVER		COPPER		
	Oz. Troy per ton	Value per ton	Oz. Troy per ton	Value per ton	Per-cent	Value per ton	Total Value Per ton
No. 1 Lower Tunnel, 3 ft. Av. in stope	.10	2.00	4.8	3.80	15.7	84.80	90.60
No. 2 Upper tunnel 10 ft. Av. 210 ft. in	.02	.40	1.8	1.40	6.2	33.50	35.30
No. 3 Several pieces of phonolite	.01	.20	.2	.10			.30
No. 4 Outcrop No. 2 vein, Stronghold No. 1	.02	.40	2.4	1.90	7.8	42.10	44.40
No. 5 Selected ore from face of tunnel, Stronghold No. 1	.04	.80	1.8	1.40	29.9	161.50	163.70
No. 6 Lower tunnel, copper glance 355 ft. in	.07	1.40	7.6	6.10	25.4	137.20	144.70

Valuation:

Gold $20 per oz.

Silver - 80¢ per oz.

Lead---------

Copper - 30¢ per lb.

Respectfully,

FALKENBERG & LAUCKS
By A. Laucks

(It is understandable that the Directors are unable to state that the above Assays are average for the ore discovered or to be discovered in the workings of the mine)

TACOMA SMELTER
AMERICAN SMELTING & REFINING COMPANY

Tacoma, Washington October 22, 1927

BOUGHT OF Mr. Rainier Mining Co., Enumclaw, Wash.

MATERIAL Ore

Amelter Lot 2702

Date Received 10/13

Car or Vessel Own Truck

Quotation Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY	VALUE PER TON		
		.03	Gold 100% at 19.00	.57	
Net Wet Weight	96,900	2.38	Silver less 1/2 At 55 7/8	1.05	
Less 2.22% Moisture	2,151	13.50	Wet Copper 270.0 Less 26 Lbs.		
Net Dry Weight	94,749		244 Lbs. at 10,025	24.46	
			Gross Value	26.08	
			Treatment	4.00	
Net Tons	47.374		Net Value	22.08	1,046.08
			Net Proceeds		1,046.08

Pertaining to questions

(16) (c) and # 22

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping Point Enumclaw, Wn.

Tacoma, Wash. Dec. 29, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS DRY Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
2236		79192	68,920	0.25	68,748	34.374		0.055	3.76	11.37

BASIS OF SETTLEMENT Gold 95% Per Oz.	Silver 95 % N.Y.Qt.	Lead As % Per Lb.	Copper Treatment Less 1.3% Per Ton Per Lb. Qt.		Net Price Per Ton	AMOUNT Dollars Cts.
			32.458¢ Less 3¢			
20	75 3/4		29.458	3.00	60.08	2065.19
			Freight		41.09	
			Paid a/c 10/6		755.35	
			Cost of Umpire		10.00	
			Paid a/c 12/22		250.00	
			" " 10/23		6.85	1063.29
			FINAL DUE			1001.90

Arrived Sept. 25, 1916

FINAL SETTLEMENT

Question #16 (c)

Question # 22

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping point Enumclaw, Wash.

Tacoma, Wash. June 8, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
1056		61410	20,160	0.4	20,079	10.039		0.05	4.40	12.77

BASIS OF SETTLEMENT Gold 95 % Per Oz.	Silver 95 % N.Y.Qt.	Lead % Per Lb.	Copper Less 1.3% Per Lb. Qt.	Treatment Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
			28.5¢ Less 3¢			
20	75 1/2		25.5	3.00	59.60	598.32

Arrived May 19, 1916

Question #22
Question II 16 (e)

Ans. to — Q-#16 (C) Question #22
" #21

OFFICE AND LABORATORY
ROOMS 34-35 ROXWELL BLOCK, 2d FLOOR
Over J. Redelsheimer & Co., Clothiers
ENTRANCE: 106 COLUMBIA STREET
BETWEEN FIRST AND SECOND AVES.
OPPOSITE BRUNSWICK HOTEL
WELLS FARGO, GREAT NORTHERN AND
AMERICAN EX. CO.S' OFFICES

CERTIFICATE OF ASSAY

C. H. VOLL
ASSAYER AND CHEMIST
ESTABLISHED 1881

TELEPHONE BLACK 7154

Removed to 113 Columbia St. bet. 1st and 2nd A.
ROOMS 5 - 6 - 7 & 8

Mr. Mount Rainier Mng Co

SEATTLE, WASH., Sept 27 1906

Dear Sir: The ____ sample of ____ ore submitted to me for assay ____ results as follows (per ton of 2,000 lbs.):

ASSAY MARK: 6 foot					ASSAY MARK: 40 foot tunnel				ASSAY MARK: Molybdenite				ASSAY MARK:
NO. 2					NO. 10				NO.				NO.
METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.
GOLD		43	8	60	GOLD		34	6	80	GOLD		27	5	40	GOLD				
SILVER		96		58	SILVER		77		46	SILVER		42		25	SILVER				
	PER CENT	100				PER CENT	100				PER CENT	100				PER CENT	100		
COPPER	% 24	31	72	93	COPPER	% 27	68	83	04	COPPER	% 2	12	6	36		%			
LEAD					LEAD					LEAD									
										Tellurium		07	—						
										Molybdenum	34	61	1211	35					
		100					100					100					100		
TOTAL VALUE PER TON	%		$ 82	11	TOTAL VALUE PER TON	%		$ 90	30	TOTAL VALUE PER TON	%		$1,223	36	TOTAL VALUE PER TON	%		$	

MARKET VALUATION

Gold @ $20.67 per oz. Copper @ $ .15 per lb. Molybdenum @ $ 1.75 per lb.
Silver @ $ .60 per oz. Lead @ $ ____ per lb. ____ @ $ ____ per lb.

C. H. Voll, Assayer

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1608 X

Date received 6-5-51

Participation

Mt. Rainier Mining Co.,
300 Balcomar Bldg.,
Seattle, 1, Wash.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

May 29 1951

FILL IN THIS BLOCK

Date of application May 29 1951

Estimated cost $25,650.80

Mineral or metal Copper and Molybdenum

Percentage of Government participation 50

Location of mine Galcier Basin, Mt. Rainier National Park

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data. No
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

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

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

THE REQUIREMENTS AND COSTS

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

CERTIFICATION

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

Mt. Rainier Mining Co — By Howard A. Tatom
(Name of company) — (Signature of authorized official)

May 29 1951 — President
(Date) — (Title)

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

*Same as footnote on page 1.

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

MOUNT RAINIER MINING COMPANY

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO DEFENSE ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950 BY THE MOUNT RAINIER MINING COMPANY, 333 TALAMAR BUILDING, SEATTLE, WASHINGTON.

THE APPLICANT.

Answers to questions for application for loan on Form MF-103 of April 1951.

1. The applicant is a corporation of the state of Washington, with offices at 303 Talamar Building, Seattle, Washington.

2. This question does not apply to our company.

3. The names and addresses of the officers of this company:

   Howard A. Peterson, Pres. 6726--14th. N. W. Seattle, 7
   Albert A. Bodelson, Vice-Pres., 311 E. 47th. Seattle
   Ole Oakland, Sec-Treas., 13403 Interurban St., Seattle
   Carl W. Labiche, Director, 2625 Birch St., Astoria, Oregon.
   Thorwald Oakland, Director, 13403 Interurban St., Seattle

   The names of the five largest stockholders.

   Mrs. Maria Simons, Woodburn, Oregon.
   Mr. Jacob Strandness, Glenwood, Minnesota.
   Mr. Torjus Oakland, Elsbee, N. Dak.
   Mr. George Strandness, Glenwood, Minn.
   Mr. Ole Oakland, 13403 Interurban St., Seattle.

4. The management of the company is in the hands of responsible men with varied and wide experience in business. These officers are not newcomers to the company or to mining, the five present directors representing a total of 74 years in mining experience and in association with and as stockholders in the Mount Rainier Mining Company.

   Mr. Ole Oakland, the present Sec-Treas. of the company has been selected by the Board to manage our exploration project. Mr. Oakland is a substantial landowner of farm land in North Dakota which he personally has operated for years and as such has had wide business experience. He has been associated with the Mt. Ranier Mining Company for more than 40 years actively. He has done considerable work at the mine from time to time, he has been associated with mining engineers and geologists in their surveys of company property and in this connection has gained great experience as a practical miner. He knows our property as probably no other man does and he makes an ideal manager for any work to be done at the mine.

5. The Mt. Rainier Mining Co. is the sole owner of this property.

Page 2--Application of Mt. Rainier Mining Co. for aid under Defense Production Act of 1950.

6. There are no claims, liens or encumbrances against the property of the Mt. Rainier Mining Co.

7. This question does not apply to our company as we are not a lessee.

8. Current financial statement is attached.

9. When our application for this aid is approved we will be prepared to invest as needed one half of our proposed project which total is approximately $20,000.00 (Twenty Thousand Dollars). We have been authorized by the F.S.C. to sell stock up to a total of $100,000.00 (One hundred thousand Dollars) We already have a substantial amount promised by some of our stockholders.

We wish to emphasize that we have passed the prospecting stage, we have located ore bodies the extent of which remains to be determined by this exploration project. Our property contains over 2700 feet of tunneling, our assays and smelter returns show conclusively that we have the ore.

We wish to call your attention to the fact that already our company has spent considerably more than $200,000.00 in bringing our property to its present development. We really should be given matching funds for some of work already done, the substantial work already accomplished shows that this property does deserve further exploration to determine extent of ore bodies.

10. The property of the Mt. Rainier Mining Company is legally described in the attached Copy No. 14 19624.
The Mt. Rainier Mining Company is the sole owner of these claims as we understand that any practical mining as a result of this exploration project on any of our claims is an obligation to repay the government for any aid given us for such project.

11. This property has always been known as the Mt. Rainier Mining Company.

12. Our property is located as follows with reference to towns, rail roads, etc.
44 miles South East of Republic, Wash. which town is served by the Northern Pacific Railway. There is a paved road all the way from Republic to our mine with the exception of the last 5 ½ miles. The National Park has a road within 19,000 feet of our sites. This 19,000 feet was forrerly a road made and maintained by the the company but in the years this road reverted to a trail. We now have a permit from the National Park to reconstruct this road the the company has already made arrangements with a recognized road builder to repair this road this summer, as soon as ground conditions permit. The special work permit granted us by the Natl. Park demands some technical work, surveying, etc. which we have asked to be waived as these technicalities will delay our working on the road until July 1951.
Republic is at present our shipping point, we plan, however, to use Greenwater which is 18 miles closer to the mine.

13. Our source of water comes from Glacier streams and is adequate at all times. We cannot at this time state the amount of power to be used or establish a rate per hour or other costs concerning water.

14. The useable facilities, equipment, buildings or structures are:

Three structures, two camp cabins, two ore cars, two diesel engines, one drill sharpener, plus hammers, drills, hoses, pipes, fittings.

Other equipments needed for this project such as air compressor, generator, pump, diamond drill will be rented.

15. The copper ore will be shippedby truck to the Tacoma Smelter, Tacoma, Wash.
The molybdenum ore will have to be processed by ball mill and flotation. This can be done only on the grounds because it would not be feasible to freight it out.

16. Question on history, etc. of the mine:
(a) See prospectus attached for current and past history.
(b) There is no other mining property in the park or adjacent thereto.
(c) See Smelter returns and assays herewith enclosed.

17. See Prospectus, sheets 5 and 6.

18. Property has not been operating.

19. Property is on a very steep slope which is covered with talus, sliding slate and general lava ash. The original camp site which was cleared remains intact. Tunnels and location cuts are covered by slides to depth of 3 to 8 feet. Our mining engineer advised us to prospect the Mary Lode for molybdenum and manganese. Copper is also heavy there. Only assessment work has been done on this claim.

THE EXPLORATION.

20 The exploration will be conducted to determine extent and amount of copper, molybdenum.

21. It is proposed that the following work be done: building and repairing road from White River Camp to our mine site so that ready transportation of man power, equipment, etc. can be made to the mine; Dewatering and clearing of tunnels No. 2 and 3 and tunnel No. 1 on Stronghold Claim; core drilling and testing of molybdenite on the claim where that mineral was discovered.
Time for doing this is estimated at 90 days or so.
The cleaning out of No. 1. on Stronghold has been advised by The D. . . . field men, also work on Tunnels No. 2 and 3. They also advised core testing of the molybdenum so as to satisfy

ourselves and justify the D. M. A. in granting us a Production Loan later.

22. The history of the development of this mine, its assays and smelter returns which are attached prove beyond a doubt that there is good ore on this property and that further work should be done to determine the extent of the ore bodies.

23. Estimated costs of the project, as called for in this question.

(a) Labor			
Six laborers, muckers or miners, 90 days or 720 hours each, at $2.00 per hour	-----	$ 8640.00	
			8,640.00
(b) Manager of project	-----	2000.00	
Mining Engineer services	-----	500.00	
Diamond Drill operator	-----	2250.00	
Helper for operator	-----	1440.00	6,190.00
(c) Repairs			
Cabins	-----	100.00	
Repair to road from White Rive Camp to mine site, 19000 feet.			
Survey and maps	-----	900.00	
Stakes	-----	75.00	
Culverts	-----	800.00	
14- 3 by 10 by 2o, to use over govt. bridges and culverts, so road machinery can be moved over. (2nd. hand)		90.00	
Contract price to road builder		1600.00	3,465.00
(d) No additional facilities			
(e) Equipment costing more than $50.00			
1200 ft. ½ cable		212.00	
Pullies, etc		90.00	
Jeep for transportation and hauling of supplies from White River Camp to mine, and for use at mine(2nd. hand-one in mind)		600.00	902.00
(f) Rental of Equipment			
Diamond Drill		2800.00	
Generating Plant		400.00	
Pump		270.00	
Air Compressor		270.00	

Continuation of Question 23.

Rent of Camp Site- as provided under our Permit with the Mt. Rainier National Park	-----95.80	
Caterpillar or Drag Line (for moving machinery up slopes from Camp site at mine)	----600.00	
this is for taking up and down.		4435.80
(g) Rental of equipment owned by Mine No rental charged.		
(h) Material, supplies and equipment, costing less than $50.00 each.		
Repair(handles,etc) of Shovels and new shovels, hammers, steel,etc.	100.00	
Powder, caps and fuses,	125.00	
Tent for crew at Molybdenum Claim	59.00	
Stove, springs, bedding, flooring for tent	250.00	534.00
(i) Cost of Power and any othr itwm not provided for above.		
Gas and oil9 for all power)	300.00	
Car trips-to and from Mine site to town for supplies, men, carrying assay samples, getting repairs,etc. Estimated 30 trips- 160 miles to the trip at 10¢ per mile	480.00	
Freighting machinery to and from mine	200.00	984.00
Assays of samples disclosed by diamond drilling(every 5 feet)	500.00	500.00
TOTAL		$ 25630.80

24. Time Schedule

3 weeks- survey and road	3,365.00
1 week - Hauling Machinery	200.00
Wages- Manager and help to move machinery from mine camp to claims	10660.00

We expect to complete the project in the next 90 days and will use the balance of money about equally divided by number of months(at rate of about $7000 per month)

MOUNT RAINIER MINING COMPANY Ans. to question # 8

STATEMENT OF CURRENT FINANCIAL CONDITION.

ASSETS

Cash on hand or in bank		$---------
Notes and Accts. Receivable		450.00
		I56.00
Subscriptions Receivable---None		
Less Collections on Subscriptions-none		
Net Subscriptions receivable		----------
Mining property and real estate exclusive of equipment		400,000.00
Equipment		I3,298.84
Leases		--------
Other assets		--------
Total		413,905.07

LIABILITIES

Notes and accounts payable to:		
Officers and directors	None	
Stockholders	None	
Others	None	----------
Total current liabilities		----------
Production notes	None	
Bonded debt	None	
Mortgages	None	
Purchase contracts	None	
Other liabilities		
Engineer	40.00	
Lawyer	240.00	280.00
Common shares II8,3I6 at I0¢ and I.oo		35,549.84
Stock subscribed but not issued I87,694 at I.00 and 3.00		378,070.45
		413,905.07

MOUNT RAINIER MINING COMPANY

Answer to question # 18

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Beginning for the description of the Orinda lode claim at corner no. 1 a schist boulder 17 x 7 x 6 feet above the ground (marked with cross (x) and Orinda 1--1148, with mound of stone) from which U. S. Mineral Monument no. 1148bears north ten degrees one minute east two thousand one hundred eleven and one-tenth feet distant;

Thence, first course, south fifteen degrees thirty-one minutes west one thousand five hundred feet to corner no. 2 a schist stone 24 x 16 x 10 inches, marked Orinda 2-1148 with mound of stone.

Thence, second course, north eighty-four degrees sixteen minutes west five hundred eight and one-tenth feet to corner witness to corner no. 3, a schistboulder in place 16 x 12 x 12 inches, marked with cross and WC Orinda 3-1148 with mound of stone; six hundred eight and eight tenths feet to corner no. 3 in bank of perpetual snow and not established;

Thence, third course, north fifteen degrees thirty-one minutes east one thousand five hundred feet to corner No. 4 in pathway of snow slide and not established; from which a witness corner a schist stone 30 x 10 x 10 inches, marked WC Orinda 4-1148, with mound of stone, bears north eighty one degrees thirty-seven minutes west twenty-one and eight tenths feet distance.

Thence, fourth course, south eighty-four degrees sixteen minutes east three hundred four and four tenths feet to a point from which discovery bears south fifteen degrees thirty one minutes west ten feet distant; six hundred eight and eight tenths feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Orinda vein or lode;

Beginning for the description of the Peach lode claim at corner No. 1, a schist stone 24 x 8 x 8 inches, marked Peach 1-1148, with mound of stone; from which U.S. Mineral monument No. 1148 bears north thirty degrees twenty minutes east one thousand six hundred sixty and sixty eight hundredths feet distant;

Thence, first course, south seventeen degrees fifty minutes west three hundred feet to a point from which discovery bears north sixty-nine degrees eighteen minutes west thirty feet distant; six hundred feet to corner No. 2 in perpetual snow path and not established; from which a witness corner to corner No. 4, of said Orinda lode claim bears south sixty-nine degrees eighteen minutes east twenty-nine and seven tenths feet distant;

Thence, second course, north sixty-nine degrees eighteen minutes west one thousand five hundred feet to corner No. 3, a schist stone 36 x 10 x 10 inches, marked Peach 3-1148 with mound of stone;

Thence, third course, north seventeen degrees fifty minutes east six hundred feet to corner No. 4, on the moraine of inner glacier and not established;

Thence, fourth course, south sixty-nine degrees eighteen minutes east one hundred ninety three and one tenth feet to witness corner No. 4, a schist stone 36 x 16 x 16inches, marked WC Peach 4-1148, with mound of stone; one thousand five hundred feet to corner No. 1, the place of the beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along Peach vein or lode;

Beginning for the description of the Snowflake lode claim at corner No. 1, identical with corner No. 1 of said Peach lode claim also marked SF 1-1148 thence, first course, south sixty-nine degrees eighteen minutes east one thousand one hundred and one-tenth feet to witness corner No. 2, a schist stone 30 x 16 x 10 inches marked WC SF 2--1148, with mound of stone one thousand five hundred feet to corner No. 2 on rocky slope and not established;

Thence, second course, south seventeen degrees fifty minutes west, six hundred feet to corner No. 3, a schist stone 30 x 10 x 10 inches marked SF 30-1148 with mound of stone;

Thence, third course, north sixty-nine degrees eighteen minutes west eight hundred forty-six and one tenth feet intersect line 1-2 of said Orinda lode claim; one thousand four hundred seventy and three tenths feet to witness corner to corner No. 4, also marked SF 4-1148, identical with witness corner to corner No. 4 of said Orinda lode claim one thousand five hundred feet to corner No. 4 in perpetual snow path and not established;

Thence fourth course, north seventeen degrees fifty minutes east three hundred feet to a point from which discovery bears south sixty-nine degrees eighteen minutes east fifteen feet distant; six hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Snowflake vein or lode; the premises herein granted containing sixty acres and seven hundred seventy-seven thousandth of an acre;

Beginning for the description of the Washington No. 1, lode claim at corner No. 1 a schist stone 24 x 12 x 10 inches marked W1-1-1149 with mound of stone, from which U.S. Mineral Monument No. 1148 bears south sixty eight degrees thirteen minutes thirty seconds east three thousand thirty nine and eleven hundredths feet distant;

Thence, first course south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 a schist stone 24 x 10 x 10 inches; marked W 1-2-1149 with mound of stone;

Thence second course north seventy one degrees twenty three minutes west three hundred and seventy three hundredths feet to a point from which discovery bears north thirty degrees forty five minutes east for hundred ninety five feet distant;six hundred one and forty six hundredths feet to a corner No.3, across (x) and W1-3--1149 marked on phonolite outcrop 3 x 2 x 2 feet above ground with mound of stone;

Thence third course, north thirty degrees forty five minutes east one thousand five hundred feet to corner No. 4, a schist stone 24 x 10 x 8 inches marked W 2-4-1149 with mound of stone;

Thence, fourth course, south seventy one degrees twenty three minutes east six hundred one and forty six hundredths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 1 vein or lode.

Beginning for the description of the Washington No. 2 lode claim, at corner No. 1, identical with corner No. 4 of said Washington No. 1 lode claim also marked W-2-1-1149 from which said U.S. Mineral monument No. 1148 bears south sixty eight degrees forty five minutes east three thousand six hundred thirty nine and seven tenths feet distant;

Thence, first course, south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Washington No. 1 lode claim also marked W 2-2-1149.

Thence, second course, north sixty seven degrees twelve minutes west three hundred two and nine tenths feet to a point from which discovery bears north thirty degrees forty five minutes east two hundred ten feet distant;five hundred seventeen and one tenth feet to witness corner to corner No. 3, a cross (x) and WC W2-3-1149 marked on granite outcrop 12 x 12 x 24 inches above ground with mound of stone six hundred five and eight tenths feet to corner No. 3 on moraine of Winthrop Glacier and not established;

Thence, third course, ~~xxxxxxxxxx~~ north thirty degrees forty five minuteseast one thousand one hundred four and eight tenths feet to witness corner, to corner No. 4, a cross (x) and W.C. W2-4-1149 marked on top of granite outcrop 4 x 4 x 4 feet with mound of stone; one thousand five hundred feet to corner No. 4 on steep rocky slide and not established;

Thence fourth course, south sixty seven degrees twelve minutes east six hundred fiveand eight tenths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 2 vein or lode.

Beginning for the description of the Stronghold No. 1 lode claim at corner No. 1 identical with corner No. 2 of said Washington No. 1 lode claim also marked S1-1-1149, from which said U.S. Mineral Monument No. 1148 bears north eighty seven degrees twenty five minutes east three thousand five hundred ninety two and eighty four hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to a corner No. 2 on Inter Glacier and not established;

Thence second course, north seventy one degrees twenty three minutes west four hundred sixty four and three tenths feet to witness corner to said corner No. 2, a cross (x) and WC S1-2-1149 marked on top of phonolite boulder 24 x 10 x 10 inches with a mound of stone; Six hundred and forty six hundredths feet to corner No. 3 a phonolite stone 136 x 12 x 12 inches marked S-1-4-1149;

Thence third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4, identical with corner No. 3 of said Washington No . lode claim also marked S-1-4-1149;

Thence fourth course, south seventy one degrees twenty three minutes east three hundred and seventy three hundredths feet to a point from which discovery bears south twenty two degrees thirty seven minutes west seven hundred eighty feet distant; six hundred one and forty six hundredths feet to corner No. 1, the place of beginning, the survey of the lode claim as above described extending one thousand five hundred feet in length along said Stronghold No. 1 vein or lode.

Beginning for the description of the Stronghold No. 2 lode claim at the corner No. 1, identical with corner No. 3 of said Washington No. 1 lode claim also marked S2-1-1149 from which U.S. Mineral Monument No. 1148 bears south eighty nine degrees thirty five minutes east four thousand one hundred fifty nine and thirty ~~XXXX~~ two hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Stronghold No. 1 lode claim also marked S 2-2-1149;

Thence, second course, north sixty seven degrees twelve minutes west two hundred fifty and two tenths feet to witness corner No. 3 a cross (x) and WC S 2-3-1149, marked on top of granite boulder 4 x 4 x 3 feet above ground with mound of stone; three hundred feet to a point from which discovery bears north twenty two degrees thirty seven minutes east four hundred forty feet distant; six hundred feet to corner No. 3, on Winthrop Glacier and not established;

Thence, third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4 in moraine and not established.

Thence fourth course, south sixty seven degrees twelve minutes east eighty two and nine tenths feet to witness corner to said corner No. 4, also marked WC S2-4-1149 identical with witness corner to said corner No. 3, ~~xxxxxxxxxx~~ of said Washington No. 2 lode claim as above described extending one thousand five hundred feet in leggth along said Stronghold vein or lode.

Beginning for the description of the Mary lode claim at corner No. 1 on precipitous ground and not established; from which said U.S. Mineral Monument No. 1148 bears south seventy one degrees fourteen minutes east four thousand thirty seven and thirty two hundredths feet distant;

Thence, first course, north eighty nine degrees fifty four minutes west two hundred seventy nine and seven tenths feet intersect line 3-4 of said Washington No. 2, lode claim; three hundred feet to a point from which discovery bears north two minutes west seven hundred fifteen feer distant; three hundred seventy five and four tenths feet to witness corner to said corner No. 1, a cross (x) and WC M1-1149 marked on granite outcrop 4 x 10 x 4 feet above ground with mound of stone; six hundred feet to corner No. 2 a granite stone 36 x 12 x 12 inches marked M 2-1149 with mound of stone;

~~Thence, third course, north eighty nine degrees~~

Thence, second course, north two minutes west one thousand five hundred feet to corner No. 3 a phonolite stone 36 x 14 x 12 inches marked M 3-1149 with mound of stone;

Thence, third course, south eighty nine degrees fifty four minutes east, one hundred sixty and two tenths feet to witness corner to corner number four, a phonolite stone 30 x 14 x 8 marked M4-1149 with mound of stone six hundred feet to corner No. 4 on rocky slope and not established;

Thence, fourth course, southtwo minutes east one thousand two hundred ninety eight and four tenths feet intersect line 4-1 of said Washington No. 2 lode claim; one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Mary vein or lode; the premises herein granted containing one hundred one acres and seven hundred seventy seven thousandths of and acre;

Together with all that portion of the said veins, lodes or ledges and of all other veins, lodes and ledges throughout their entire depth, the tops of apexes of which lie inside of the surface boundary lines of said described premises in said surveys extended downward vertically although such veins, lodes or ledges in their downward course may so far depart from a perpendicular as to extend outside the vertical side lines of said premises, the right of possession to such outside parts of said veins, lodes, or ledges to be confined to such portions thereof as lie between vertical planes drawn downward through the end lines of said surveys so continued in their own direction that such planes shall intersect such exterior parts of said veins, lodes, or ledges; and together with all the rights, privileges, immunities and appurtenances of whatsoever nature thereunto belonging.

Filed for Record

Ans. to question #21
Past and Current
History
Page 2-

PROSPECTUS ON

MOUNT RAINIER MINING COMPANY

(A Washington Corporation)

CAPITALIZATION $300,000

COMMON STOCK
(30¢ Par Value)
NON-ASSESSABLE

HOME OFFICE SEATTLE, WASHINGTON
~~1706 Arcade Building~~
300 Pal o Mar B/G.

AUGUST 1948

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"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the commission or that the commission has considered the accuracy of completeness of the statements in this communication."

ans to. question #16

PAST HISTORY OF THE COMPANY

The history of the company dates back to its predecessor of the same name, which was incorporated in the State of Washington, on January 16, 1905. Extensive work was done on the mining claims acquired by this corporation at intervals from that time for a period of about 20 years. The work consisted mainly of a number of long drifts, raises, open cut and in general the prospecting of the property to a considerable extent. Copper was apparently found in good quantities as was some gold and molybdenum ore. The company after getting a fairly good start ran into many difficulties, mainly financial, and mining operations were suspended, and the properties since that time have lain practically dormant. After numerous attempts by former stockholders to rehabilitate the corporation, all without success, in 1937 Ole Oakland, one of the stockholders, came to the State of Washington with the express intention of putting the mine in operation. He contacted all of the former stockholders and obtained contributions and donations in the amount of $6,866.00, which funds were held in trust by him for the purpose of paying the costs and operations of a new corporation to be formed to further explore and develop the properties. The former Mount Rainier Mining Company was disfranchised through dispayment of its corporate tax in July, 1932. A great deal of the work done by the former company on the properties is inuring to the benefit of the present corporation, there being a number of drifts opened and in some places the ore body contacted.

CURRENT HISTORY OF THE COMPANY

The new corporation was organized July 5, 1946, and incorporated under the laws of the State of Washington, its capitalization being 300,000 shares of Common Stock at a par value of 30¢ per share. At the present time there is outstanding 118,316 shares which were either sold for cash to the former stockholder of the old corporation or given in exchange for work and services rendered in the new corporation. There are 10,800 shares of stock being held in escrow as required by the Director of Licenses of the State of Washington. This corporation is presently making an offering of 100,000 shares of non-assessable Common Stock at $1.00 per share aggregating $100,000.00, under the exemption provided by Regulation of the Securities Act of 1933. The underwriting, discounts and commissions will not exceed $25,000.00 or at the rate of 25¢ per unit. The corporation owns 8 patented claims in the Glacier Park District of the Mount Rainier National Park. Some preliminary work and considerable money have been expended on the property since the incorporation of the present company. Drifts have been partially cleaned out, buildings rehabilitated for the shelter of the working men and the property put in working condition. Negotiations have been entered into with the Park Department for the opening of the road into the property.

CONTEMPLATED OPERATIONS

The company has obtained the services of Mr. George C. Westby, Mining Engineer and Geologist, and his report dated October 10, 1947, states partly as follows:

"It is suggested that installation of suitable pneumatic equipment and two shift operations would be under the conditions obtaining on the property, the greatest long way economy the company should consider in way of preparation.

As to the recommendations made by Mr. Westby he specifically recommends that the following work be done:

(1) The management has taken definite steps to economically cut the vein at depth - at about elevation 6000 ft.

(2) Most of the work has centered at the cross cut tunnel #5. A working operation now 650 ft. in from the portal.

(3) The ground about the portal of #5 tunnel has been cleared, the tunnel is drained and rock removed up to a "cave-in" about 215 ft. from the portal. Essential replacement of rotting sets are being made. Well constructed quarters for the working force, near the portal of #5 "working" tunnel is in use, and are at this juncture, very convenient and economical of time, money and working energy.

(4) An important fact is that #5 tunnel is at this time probably the most valuable asset of the development work. The decision of the management to avoid haphazard diversion of funds and labor in different directions and center every effort on #5 crosscut tunnel, is justifiable. First, because proof of the ore at depth is essential to all future planning. Second, because drifting on the vein when reached, is necessary to determination of the probable scope of all future operations. No useful design for power development, milling or smelting, can be made before the indicated work is done. No. 5 tunnel is now in 650 feet in direction of the objective and the speed with which the rest of the distance is made will certainly have much to do with the fortunes of the Company.

This is the intention of the officers of the corporation to proceed along with the plan outlined by Mr. Westby. The assays taken on the property as shown in the Certificate of Assay by Falkenberg & Laucks, Assayers, Seattle, Washington, dated August 10, 1917, and based upon the value of minerals at that time, assay shown on the following copy of the Assay report. The Tacoma Smelter Report dated October 22, 1927 showed that the former company shipped from this property 94,749 pounds of ore for smeltering, and the company received therefrom a net of $1,046.02. Such reports as these would indicate that the properties, if properly managed and adequately financed, would show an adequate return on the investing capital.

THE PURPOSE OF FINANCING

The net proceeds from the offering will be used for exploration, development and allied work on certain mining claims owed in fee by this Company. It is the intention of the directors of the corporation to drive the No. 5 Crosscut Tunnel at the lower level to the ore body as the immediate work to be done. The tunnel is now in operation and about 650 ft. in and was cleaned out in 1947 up to 215 ft.

It would require 1,000 more feet of tunnel to reach the center vein of the lode by passing directly under the No. 2 and No. 3 Tunnel in which the ore has been contacted. It will be realized that many thousands of dollars were spent in the past to establish the known value of the ore in these tunnels and the directors believe it to be the expedient plan to capitalize so far as possible upon the money expended and the work done by the former corporation.

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OFFICERS and DIRECTORS

H. A. Peterson, President Dir.
T. Oakland, ~~Secretary Treasurer~~
Ole Oakland, ~~Director~~ Sec. Treas.
Albert H. Bodelson, ~~Director~~ V pres.
Carl H. Labiske (Dir)

STATEMENT AS TO THE LEGAL TITLE IN THE PROPERTY

"I have examined the title to the following described mining claims located in Mount Rainier National Park and embracing a portion of approximately Township 16 North, Range 9 to the Willamette Meridian, Pierce County, Washington. Claims are known as the Orinda, Peach, and Snowflake, United States Survey No. 1148 and Washington No. 1, Washington No. 2, Stronghold No. 1 and Stronghold No. 2 and Mary Lode Claims, United States Survey No. 1149. It is my opinion that the titles to the property are merchantable and that the title to the fee is now vested in the Mount Rainier Mining Company.

Signed Harold J. Shea,
Attorney at Law
Seattle, Washington

The management of the Company is in the hands of responsible men with varied and wide experience in business, the officers having been elected for a period of one year, none of whom will receive a salary as such officers. It is their purpose to give the best management and they intend to employ engineers, attorneys, and auditors on a reasonable basis in proportion to the services rendered. It is the feeling of the directors and officers that the properties of the Company can be operated in a manner that will be satisfactory to the stockholders and in the best interests of all concerned in order that the greatest return can be obtained from the minerals extracted. It is felt that the opportunity to invest in Mount Rainier Mining Company is an unusual one and should be profitable to those who purchase the initial stock being offered at the present time, and with the successful operation of the mine they should obtain an excellent return on their investment.

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TACOMA SMELTER
American Smelting & Refining Company

Tacoma, Washington, October 22, 1927

Bought of: Mt. Rainier Mining Co.
Enumclaw, Washington

Smelter Lot: 2702 Material: Ore
Car or Vessel: Own Truck Date Received: 10/13
Quotation: Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY			VALUE PER TON	
Less sacks		.03	Gold 100%	at 19.00	.57	
Net Wet Weight	96.900	2.38	Silver Less ½	at 55 7/8	1.05	
Less 2.22 % moisture	2.151	13.50	Wet Copper 270.0 less 26 lbs. 244 lbs.	at 10.025	24.46	
Net dry weight	94.749					
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374	at		Net Value	22.08	1,046.02

(COPY)

CERTIFICATE OF ASSAY

FALKENBERG & LAUCKS
Chemists--Metallurgists--Assayers

Certificate 170680

Seattle, Washington
August 10, 1917

We hereby certify that we have assayed the samples submitted to us by Mr. A. E. Bryan, and that they give the following results per ton of 2,000 pounds.

SAMPLES MARKED	GOLD		SILVER		COPPER		
	Oz. Troy per ton	Value per ton	Oz. Troy per ton	Value per ton	Per-cent	Value per ton	Total Value Per ton
No. 1 Lower Tunnel, 3 ft. Av. in stope	.10	2.00	4.8	3.80	15.7	84.80	90.60
No. 2 Upper tunnel 10 ft. Av. 210 ft. in	.02	.40	1.8	1.40	6.2	33.50	35.30
No. 3 Several pieces of phonolite	.01	.20	.2	.10			.30
No. 4 Outcrop No. 2 vein, Stronghold No. 1	.02	.40	2.4	1.90	7.8	42.10	44.40
No. 5 Selected ore from face of tunnel, Stronghold No. 1	.04	.80	1.8	1.40	29.9	161.50	163.70
No. 6 Lower tunnel, copper glance 355 ft. in	.07	1.40	7.6	6.10	25.4	137.20	144.70

Valuation:

Gold $20 per oz.

Silver - 80¢ per oz.

Lead---------

Copper - 30¢ per lb.

Respectfully,

FALKENBERG & LAUCKS
By A. Laucks

(It is understandable that the Directors are unable to state that the above Assays are average for the ore discovered or to be discovered in the workings of the mine)

TACOMA SMELTER
AMERICAN SMELTING & REFINING COMPANY

Tacoma, Washington October 22, 1927

BOUGHT OF Mr. Rainier Mining Co., Enumclaw, Wash.

MATERIAL Ore

Amelter Lot 2702

Date Received 10/13

Car or Vessel Our Truck

Quotation Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY	VALUE PER TON		
		.03	Gold 100% at 19.00	.57	
Net Wet Weight	96,900	2.38	Silver less 1/2 At 55 7/8	1.05	
Less 2.22% Moisture	2,151	13.50	Wet Copper 270.0 Less 26 Lbs.		
Net Dry Weight	94,749		244 Lbs. at 10,025	24.46	
			Gross Value	26.08	
			Treatment	4.00	
Net Tons	47.374		Net Value	22.08	1,046.08

Net Proceeds 1,046.08

Answers —
Pertaining to question #16(c) and #22

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping point Enumclaw, Wash.

Tacoma, Wash. June 8, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
1056		61410	20,160	0.4	20,079	10.039		0.05	4.40	12.77

BASIS OF SETTLEMENT Gold 95 % Per Oz.	Silver 95 % N.Y.Qt.	Lead % Per Lb.	Copper Less 1.3% Per Lb. Qt.	Treatment Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
			28.5¢ Less 3¢			
20	75 1/2		25.5	3.00	59.60	598.32

Arrived May 19, 1916

Pertaining to Ans. questions #16(c)

22

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping Point Enumclaw, Wn.

Tacoma, Wash. Dec. 29, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS DRY Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
2236		79192	68,920	0.25	68,748	34.374		0.055	3.76	11.37

	BASIS OF SETTLEMENT Gold 95% Per Oz.	Silver 95 % N.Y.Qt.	Lead As % Per Lb.	Copper Treatment Less 1.3% Per Lb.	Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
				Qt. 32.458¢ Less 3¢			
	20	75 3/4		29.458	3.00	60.08	2065.19
Arrived Sept. 25, 1916				Freight		41.09	
				Paid a/c 10/6		755.35	
				Cost of Umpire		10.00	
FINAL SETTLEMENT				Paid a/c 12/22		250.00	
				" " 10/23		6.85	1063.29
				FINAL DUE			1001.90

Pertaining to Ans. to question #16(c) and #22

Pretaining to Ans. questions #16(e) #21 and #22

OFFICE AND LABORATORY
ROOMS 34-35 ROXWELL BLOCK, 2d FLOOR
Over J. Redelsheimer & Co., Clothiers
ENTRANCE: 106 COLUMBIA STREET
BETWEEN FIRST AND SECOND AVES.
OPPOSITE BRUNSWICK HOTEL
WELLS FARGO, GREAT NORTHERN AND
AMERICAN EX. CO.S' OFFICES

CERTIFICATE OF ASSAY

C. H. VOLL ASSAYER AND CHEMIST
ESTABLISHED 1881

TELEPHONE BLACK 7154

Removed to 113 Columbia St. bet. 1st and 2nd A.
ROOMS 5 - 6 - 7 & 8

Mr. Mount Rainier Mng Co

SEATTLE, WASH., Sept 27 1906

Dear Sir: The ____ sample of ____ ore submitted to me for assay ____ results as follows (per ton of 2,000 lbs.):

ASSAY MARK: 6 foot	ASSAY MARK: 40 foot tunnel	ASSAY MARK: Molybdenite.	ASSAY MARK:
NO. 2	NO. 10	NO.	NO.

METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.
GOLD		43	8	60	GOLD		34	6	80	GOLD		27	5	40	GOLD				
SILVER		96		58	SILVER		77		46	SILVER		42		25	SILVER				
	PER CENT	100				PER CENT	100				PER CENT	100				PER CENT	100		
COPPER	%24	31	72	93	COPPER	%27	68	83	04	COPPER	% 2	12	6	36		%			
LEAD					LEAD					LEAD									
										Tellurium		07	—						
										Molybdenum	34	61	1211	35					
		100					100					100					100		
TOTAL VALUE PER TON	%		$ 82	11	TOTAL VALUE PER TON	%		$ 90	30	TOTAL VALUE PER TON	%		$1,223	36	TOTAL VALUE PER TON	%		$	

MARKET VALUATION

Gold @ $20.67 per oz. Copper @ $.15 per lb. Molybdenum @ $1.75 per lb.
Silver @ $.60 per oz. Lead @ $ ____ per lb. ____ @ $ ____ per lb.

C. H. Voll, Assayer

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1608 X

Date received 6-5-51

Participation

Mt. Rainier Mining Co.,
300 Palomar Bldg.,
Seattle, I, Wash.

Name and address of applicant

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Date May 29 1951

FILL IN THIS BLOCK

Date of application May 29 1951

Estimated cost $25,650.80

Mineral or metal Copper and Molybdenum

Percentage of Government participation 50

Location of mine Galcier Basin, Mt. Rainier National Park

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.
    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.
    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

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

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Mt. Rainier Mining Co
(Name of company)

By Lorrin R. Peter
(Signature of authorized official)

May 29 1951
(Date)

President
(Title)

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

*Same as footnote on page 1.

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

MOUNT RAINIER MINING COMPANY

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950 BY THE MOUNT RAINIER MINING COMPANY, 333 PALAMAR BUILDING, SEATTLE, WASHINGTON.

THE APPLICANT.

Answers to questions for application for loan on Form MF-103 of April 1951.

1. The applicant is a corporation of the state of Washington, with offices at 303 Palamar Building, Seattle, Washington.

2. This question does not apply to our company.

3. The names and addresses of the officers of this company:

   Howard A. Peterson, Pres. 6726--14th. N. W. Seattle, 7
   Albert A. Bodelson, Vic-Pres., 311 N. 47th. Seattle
   Ole Oakland, Sec-Treas., 13403 Interurban St., Seattle
   Carl H. Labisbe, Director, 2625 Birch St., Astoria, Oregon.
   Thorwald Oakland, Director, 13403 Interurban St., Seattle

   The names of the five largest stockholders.

   Mrs. Marie Simons, Woodburn, Oregon.
   Mr. Jacob Strandness, Glenwood, Minnesota.
   Mr. Torjus Oakland, Bisbee, N. Dak.
   Mr. George Strandness, Glenwood, Minn.
   Mr. Ole Oakland, 13403 Interurban St., Seattle.

4. The management of the company is in the hands of responsible men with varied and wide experience in business. These officers are not newcomers to the company or to mining, the five present directors representing a total of 74 years in mining experience and in association with and as stockholders in the Mount Rainier Mining Company.

   Mr. Ole Oakland, the present Sec-Treas. of the company has been selected by the Board to manage our exploration project. Mr. Oakland is a substantial landowner of farm land in North Dakota which he personally has operated for years and as such has had wide business experience. He has been associated with the Mt. Ranier Mining Company for more than 40 years actively. He has done considerable work at the mine from time to time, he has been associated with mining engineers and geologists in their surveys of company property and in this connection has gained great experience as a practical miner. He knows our property as probably no other man does and he makes an ideal manager for any work to be done at the mine.

5. The Mt. Rainier Mining Co. is the sole owner of this property.

6. There are no claims, liens or encumbrances against the property of the Mt. Rainier Mining Co.

7. This question does not apply to our company as we are not a lesee.

8. Current financial statement is attached.

9. When our application for this aid is approved we will be prepared to invest as needed one half of our prosed project which total is approximately $20,000.00 (Twenty Thousand Dollars). We have been authorized by the F.S.C. to sell stock up to a total of $100,000.00 (One hundred thousand Dollars) We already have a substantial amount promised by some of our stockholders.

We wish to emphasize that we have passed the prospecting stage, we have located ore bodies the extent of which remains to be determined by this exploration project. Our property contains over 2700 feet of tunneling, our assays and smelter retunrs show conclusively that we have the ore.

We wish to call your attention to the fact that already our company has spent considerably more than $200,000.00 in bringing our property to its present development. We really should be given matching funds for some of work already done, the substantial work already accomplished shows that this property does deserve furhter exploration to determine extent of ore bodies.

10. The property of the Mt. Rainier Mining Company is legally described in the attached Copy No. 1419624.
The Mt. Rainier Mining Company is the sole owner of these claims as we understand that any practical mining as a result of this exploration project on any of our claims is an obligation to repay the government for any aid given us for such project.

11. This property has always been known as the Mt. Rainier Mining Company.

12. Our property is located as follows with reference to towns, rail roads, etc.
44 miles South East of Enumclaw, Wash. wgich town is served by the Northern Pacific Railway. There is a paved road all the way from Enumclaw to our mine with the exception of the last 5 ½ miles. The National Park has a road within 19,000 feet of our sites. This 19,000 feet was formerly a road made and maintained by the the company but in the years this road reverted to a trail. We now have a permit from the National Park to reconstruct this road the the company has already made arrangements with a recognized road builder to repair this road this summer, as soon as ground conditions permit. The special work permit granted us by the Natl. Park demands some technical work, surveying, etc. which we have asked to be waived as these technicalities will delay our working on the road until July 1951.
Enumclaw is at present our shipping point, we plan, however, to use Greenwater which is 18 miles closer to the mine.

13. Our source of water comes from Glacier streams and is adequate at all times. We cannot at this time state the amount of power to be used or establish a rate per hour or other costs concerning water.

14. The useable facilities, equipment, buidings or structures are:

Three structures, two camp cabins, two ore cars, two diesel engines, one drill sharpener, plus hammers, drills, hoses, pipes, fittings.

Other equipments needed for this project such as air compressor, generator, pump, diamond drill will be rented.

15. The copper ore will be shippedby truck to the Tacoma Smelter, Tacoma, Wash.
The molybdenum ore will have to be processed by ball mill and flotation. This can be done only on the grounds because it would not be feasible to freight it out.

16. Question on history, etc. of the mine:
(a) See prospectus attached for current and past history.
(b) There is no other mining property in the park or adjacent thereto.
(c) See Smelter returns and assays herewith enclosed.

17. See Prospectus, sheets 5 and 6.

18. Property has not been operating.

19. Property is on a very steep slope which is covered with talus, sliding slate and general lava ash. The original camp site which was cleared remains intact. Tunnels and location cuts are covered by slides to depth of 3 to 8 feet. Our mining engineer advised us to prospect the Mary Lode for molybdenum and manganese. Copper is also heavy there. Only assessment work has been done on this claim.

THE EXPLORATION.

20 The exploration will be conducted to determine extent and amount of copper, molybdenum.

21. It is proposed that the following work be done: building and repairing road from White River Camp to our mine site so that ready transportation of man power, equipment, etc. can be made to the mine; Dewatering and clearing of tunnels No. 2 and 3 and tunnel No. I on Stronghold Claim; core drilling and testing of molybdenite on the claim where that mineral was discovered.
Time for doing this is estimated at 90 days or so.
The cleaning out of No. I. on Stronghold has been advised by The D. M. A. field men, also work on Tunnels No. 2 and 3. They also advised core testing of the molybdenum ao as to satisfy

ourselves and justify the D. M. A. in granting us a Production Loan later.

22. The history of the development of this mine, its assays and smelter returns which are attached prove beyond a doubt that there is good ore on this property and that further work should be done to determine the extent of the ore bodies.

223. Estimated costs of the project, as called for in this question.

(a) Labor			
Six laborers, muckers or miners, 90 days or 720 hours each, at $2.00 per hour	-----	$ 8640.00	
			8,640.00
(b) Manager of project	-----	2000.00	
Mining Engineer services	-----	500.00	
Diamond Drill operator	-----	2250.00	
Helper for operator	-----	I440.00	6,I90.00
(c) Repairs			
Cabins	-----	I00.00	
Repair to road from White Rive Camp to mine site, I9000 feet.			
Survey and maps	-----	900.00	
Stakes	-----	75.00	
Culverts	-----	800.00	
I4- 3 by I0 by 2o, to use over govt. bridges and culverts, so road machinery can be moved over. (2nd. hand)		90.00	
Contract price to road builder		I600.00	3,465.00
(d) No additional facilities			
(e) Equipment costing more than $50.00			
I200 ft. ½ cable		2I2.00	
Pullies, etc		90.00	
Jeep for transportation and hauling of supplies from White River Camp to mine, and for use at mine(2nd. hand-one in mind)		600.00	9o2.00
(f) Rental of Equipment			
Diamond Drill		2800.00	
Generating Plant		400.00	
Pump		270.00	
Air Compressor		270.00	

Continuation of Question 23.

Rent of Camp Site- as provided under our Permit with the Mt. Rainier National Park	-----95.80	
Caterpillar or Drag Line (for moving machinery up slopes from Camp site at mine)	----600.00	
this is for taking up and down.		4435.80
(g) Rental of equipment owned by Mine No rental charged.		
(h) Material, supplies and equipment, costing less than $50.00 each.		
Repair(handles,etc) of Shovels and new shovels, hammers, steel,etc.	100.00	
Powder, caps and fuses,	125.00	
Tent for crew at Molybdenum Claim	59.00	
Stove, springs, bedding, flooring for tent	250.00	534.00
(i) Cost of Power and any othr itwm not provided for above.		
Gas and oil9 for all power)	300.00	
Car trips-to and from Mine site to town for supplies, men, carrying assay samples, getting repairs,etc. Estimated 30 trips- 160 miles to the trip at 10¢ per mile	480.00	
Freighting machinery to and from mine	200.00	984.00
Assays of samples disclosed by diamond drilling(every 5 feet)	500.00	500.00
TOTAL		$ 25650.80)

24. Time Schedule

3 weeks- survey and road	3,365.00
1 week - Hauling Machinery	200.00
Wages- Manager and help to move machinery from mine camp to claims	10000.00

We expect to complete the project in the next 90 days and will use the balance of money about equally divided by number of months(at rate of about $7000 per month)

MOUNT RAINIER MINING COMPANY

Ans. to Question #8

STATEMENT OF CURRENT FINANCIAL CONDITION.

ASSETS

Cash on hand or in bank		$---------
Notes and Accts. Receivable		450.00
		156.00
Subscriptions Receivable---None		
Less Collections on Subscriptions-none		
Net Subscriptions receivable		----------
Mining property and real estate exclusive of equipment		400,000.00
Equipment		13,298.84
Leases		--------
Other assets		--------
Total		413,905.07

LIABILITIES

Notes and accounts payable to:		
Officers and directors	None	
Stockholders	None	
Others	None	----------
Total current liabilities		----------
Production notes	None	
Bonded debt	None	
Mortgages	None	
Purchase contracts	None	
Other liabilities		
Engineer	40.00	
Lawyer	240.00	280.00
Common shares 118,316 at 10¢ and 1.00		35,549.84
Stock subscribed but not issued 187,694 at 1.00 and 3.00		378,070.45
		413,905.07

Question #10
Exhibit (a)

Beginning for the description of the Orinda lode claim at corner no. 1 a schist boulder 17 x 7 x 6 feet above the ground (marked with cross (x) and Orinda 1--1148, with mound of stone) from which U. S. Mineral Monument no. 1148bears north ten degrees one minute east two thousand one hundred eleven and one-tenth feet distant;

Thence, first course, south fifteen degrees thirty-one minutes west one thousand five hundred feet to corner no. 2 a schist stone 24 x 16 x 10 inches, marked Orinda 2-1148 with mound of stone.

Thence, second course, north eighty-four degrees sixteen minutes west five hundred eight and one-tenth feet to corner witness to corner no. 3, a schistboulder in place 16 x 12 x 12 inches, marked with cross and WC Orinda 3-1148 with mound of stone; six hundred eight and eight tenths feet to corner no. 3 in bank of perpetual snow and not established;

Thence, third course, north fifteen degrees thirty-one minutes east one thousand five hundred feet to corner No. 4 in pathway of snow slide and not established; from which a witness corner a schist stone 30 x 10 x 10 inches, marked WC Orinda 4-1148, with mound of stone, bears north eighty one degrees thirty-seven minutes west twenty-one and eight tenths feet distance.

Thence, fourth course, south eighty-four degrees sixteen minutes east three hundred four and four tenths feet to a point from which discovery bears south fifteen degrees thirty one minutes west ten feet distant; six hundred eight and eight tenths feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Orinda vein or lode;

Beginning for the description of the Peach lode claim at corner No. 1, a schist stone 24 x 8 x 8 inches, marked Peach 1-1148, with mound of stone; from which U.S. Mineral monument No. 1148 bears north thirty degrees twenty minutes east one thousand six hundred sixty and sixty eight hundredths feet distant;

Thence, first course, south seventeen degrees fifty minutes west three hundred feet to a point from which discovery bears north sixty-nine degrees eighteen minutes west thirty feet distant; six hundred feet to corner No. 2 in perpetual snow path and not established; from which a witness corner to corner No. 4, of said Orinda lode claim bears south sixty-nine degrees eighteen minutes east twenty-nine and seven tenths feet distant;

Thence, second course, north sixty-nine degrees eighteen minutes west one thousand five hundred feet to corner No. 3, a schist stone 36 x 10 x 10 inches, marked Peach 3-1148 with mound of stone;

Thence, third course, north seventeen degrees fifty minutes east six hundred feet to corner No. 4, on the moraine of inner glacier and not established;

Thence, fourth course, south sixty-nine degrees eighteen minutes east one hundred ninety three and one tenth feet to witness corner No. 4, a schist stone 36 x 16 x 16inches, marked WC Peach 4-1148, with mound of stone; one thousand five hundred feet to corner No. 1, the place of the beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along Peach vein or lode;

Beginning for the description of the Snowflake lode claim at corner No. 1, identical with corner No. 1 of said Peach lode claim also marked SF 1-1148 thence, first course, south sixty-nine degrees eighteen minutes east one thousand one hundred and one-tenth feet to witness corner No. 2, a schist stone 30 x 16 x 10 inches marked WC SF 2--1148, with mound of stone one thousand five hundred feet to corner No. 2 on rocky slope and not established;

Thence, second course, south seventeen degrees fifty minutes west, six hundred feet to corner No. 3, a schist stone 30 x 10 x 10 inches marked SF 30-1148 with mound of stone;

Thence, third course, north sixty-nine degrees eighteen minutes west eight hundred forty-six and one tenth feet intersect line 1-2 of said Orinda lode claim; one thousand four hundred seventy and three tenths feet to witness corner to corner No. 4, also marked SF 4-1148, identical with witness corner to corner No. 4 of said Orinda lode claim one thousand five hundred feet to corner No. 4 in perpetual snow path and not established;

Thence fourth course, north seventeen degrees fifty minutes east three hundred feet to a point from which discovery bears south sixty-nine degrees eighteen minutes east fifteen feet distant; six hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Snowflake vein or lode; the premises herein granted containing sixty acres and seven hundred seventy-seven thousandth of an acre;

Beginning for the description of the Washington No. 1, lode claim at corner No. 1 a schist stone 24 x 12 x 10 inches marked W1-1-1149 with mound of stone, from which U.S. Mineral Monument No. 1148 bears south sixty eight degrees thirteen minutes thirty seconds east three thousand thirty nine and eleven hundredths feet distant;

Thence, first course south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 a schist stone 24 x 10 x 10 inches; marked W 1-2-1149 with mound of stone;

Q #10 - Ex (c)

Thence second course north seventy one degrees twenty three minutes west three hundred and seventy three hundredths feet to a point from which discovery bears north thirty degrees forty five minutes east for hundred ninety five feet distant;six hundred one and forty six hundredths feet to a corner No.3, across (x) and W1-3--1149 marked on phonolite outcrop 3 x 2 x 2 feet above ground with mound of stone;

Thence third course, north thirty degrees forty five minutes east one thousand five hundred feet to corner No. 4, a schist stone 24 x 10 x 8 inches marked W 2-4-1149 with mound of stone;

Thence, fourth course, south seventy one degrees twenty three minutes east six hundred one and forty six hundredths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 1 vein or lode.

Beginning for the description of the Washington No. 2 lode claim, at corner No. 1, identical with corner No. 4 of said Washington No. 1 lode claim also marked W-2-1-1149 from which said U.S. Mineral monument No. 1148 bears south sixty eight degrees forty five minutes east three thousand six hundred thirty nine and seven tenths feet distant;

Thence, first course, south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Washington No. 1 lode claim also marked W 2-2-1149.

Thence, second course, north sixty seven degrees twelve minutes west three hundred two and nine tenths feet to a point from which discovery bears north thirty degrees forty five minutes east two hundred ten feet distant;five hundred seventeen and one tenth feet to witness corner to corner No. 3, a cross (x) and WC W2-3-1149 marked on granite outcrop 12 x 12 x 24 inches above ground with mound of stone six hundred five and eight tenths feet to corner No. 3 on moraine of Winthrop Glacier and not established;

Thence, third course, ~~xxxxxxxxxxx~~ north thirty degrees forty five minuteseast one thousand one hundred four and eight tenths feet to witness corner, to corner No. 4, a cross (x) and W.C. W2-4-1149 marked on top of granite outcrop 4 x 4 x 4 feet with mound of stone; one thousand five hundred feet to corner No. 4 on steep rocky slide and not established;

Thence fourth course, south sixty seven degrees twelve minutes east six hundred fiveand eight tenths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 2 vein or lode.

Beginning for the description of the Stronghold No. 1 lode claim at corner No. 1 identical with corner No. 2 of said Washington No. 1 lode claim also marked S1-1-1149, from which said U.S. Mineral Monument No. 1148 bears north eighty seven degrees twenty five minutes east three thousand five hundred ninety two and eighty four hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to a corner No. 2 on Inter Glacier and not established;

Thence second course, north seventy one degrees twenty three minutes west four hundred sixty four and three tenths feet to witness corner to said corner No. 2, a cross (x) and WC S1-2-1149 marked on top of phonolite boulder 24 x 10 x 10 inches with a mound of stone; Six hundred and forty six hundredths feet to corner No. 3 a phonolite stone 136 x 12 x 12 inches marked S-1-4-1149;

Thence third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4, identical with corner No. 3 of said Washington No . lode claim also marked S-1-4-1149;

Thence fourth course, south seventy one degrees twenty three minutes east three hundred and seventy three hundredths feet to a point from which discovery bears south twenty two degrees thirty seven minutes west seven hundred eighty feet distant; six hundred one and forty six hundredths feet to corner No. 1, the place of beginning, the survey of the lode claim as above described extending one thousand five hundred feet in length along said Stronghold No. 1 vein or lode.

Beginning for the description of the Stronghold No. 2 lode claim at the corner No. 1, identical with corner No. 3 of said Washington No. 1 lode claim also marked S2-1-1149 from which U.S. Mineral Monument No. 1148 bears south eighty nine degrees thirty five minutes east four thousand one hundred fifty nine and thirty ~~XXXX~~ two hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Stronghold No. 1 lode claim also marked S 2-2-1149;

Thence, second course, north sixty seven degrees twelve minutes west two hundred fifty and two tenths feet to witness corner No. 3 a cross (x) and WC S 2-3-1149, marked on top of granite boulder 4 x 4 x 3 feet above ground with mound of stone; three hundred feet to a point from which discovery bears north twenty two degrees thirty seven minutes east four hundred forty feet distant; six hundred feet to corner No. 3, on Winthrop Glacier and not established;

Thence, third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4 in moraine and not established.

Thence fourth course, south sixty seven degrees twelve minutes east eighty two and nine tenths feet to witness corner to said corner No. 4, also marked WC S2-4-1149 identical with witness corner to said corner No. 3, ~~xxxxxxxxxx~~ of said Washington No. 2 lode claim as above described extending one thousand five hundred feet in length along said Stronghold vein or lode.

Q-#10-Exh. (a)

Beginning for the description of the Mary lode claim at corner No. 1 on precipitous ground and not established; from which said U.S. Mineral Monument No. 1148 bears south seventy one degrees fourteen minutes east four thousand thirty seven and thirty two hundredths feet distant;

Thence, first course, north eighty nine degrees fifty four minutes west two hundred seventy nine and seven tenths feet intersect line 3-4 of said Washington No. 2, lode claim; three hundred feet to a point from whuch discovery bears north two minutes west seven hundred fifteen feer distant; three hundred seventy five and four tenths feet to witness corner to said corner No. 1, a cross (x) and WC M1-1149 marked on granite outcrop 4 x 10 x 4 feet above ground with mound of stone; six hundred feet to corner No. 2 a granite stone 36 x 12 x 12 inches marked M 2-1149 with mound of stone;

~~Thence, third course, north eighty nine degrees~~

Thence, second course, north two minutes west one thousand five hundred feet to corner No. 3 a phonolite stone 36 x 14 x 12 inches marked M 3-1149 with mound of stone;

Thence, third course, south eighty nine degrees fifty four minutes east, one hundred sixty and two tenths feet to witness corner to corner number four, a phonolite stone 30 x 14 x 8 marked M4-1149 with mound of stone six hundred feet to corner No. 4 on rocky slope and not established;

Thence, fourth course, southtwo minutes east one thousand two hundred ninety eight and four tenths feet intersect line 4-1 of said Washington No. 2 lode claim; one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Mary vein or lode; the premises herein granted containing one hundred one acres and seven hundred seventy seven thousandths of and acre;

Together with all that portion of the said veins, lodes or ledges and of all other veins, lodes and ledges throughout their entire depth, the tops of apexes of which lie inside of the surface boundary lines of said described premises in said surveys extended downward vertically although such veins, lodes or ledges in their downward course may so far depart from a perpendicular as to extend outside the vertical side lines of said premises, the right of possession to such outside parts of said veins, lodes, or ledges to be confined to such portions thereof as lie between vertical planes drawn downward through the end lines of said surveys so continued in their own diredtion that such planes shall intersect such exterior parts of said veins, lodes, or ledges; and together with all the rights, privileges, immunities and appurtenances of whatsoever nature thereunto belonging.

Filed for Record

Ans. To -
Question # 16
History -
Past and Current -
Page - 2 -

PROSPECTUS ON

MOUNT RAINIER MINING COMPANY

(A Washington Corporation)

CAPITALIZATION $300,000

COMMON STOCK
(30¢ Par Value)
NON-ASSESSABLE

HOME OFFICE SEATTLE, WASHINGTON
~~4040 Arcade Building~~
300 Palomar Blg.

AUGUST 1948

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"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the commission or that the commission has considered the accuracy of completeness of the statements in this communication."

(Question #16

PAST HISTORY OF THE COMPANY

The history of the company dates back to its predecessor of the same name, which was incorporated in the State of Washington, on January 16, 1905. Extensive work was done on the mining claims acquired by this corporation at intervals from that time for a period of about 20 years. The work consisted mainly of a number of long drifts, raises, open cut and in general the prospecting of the property to a considerable extent. Copper was apparently found in good quantities as was some gold and molybdenum ore. The company after getting a fairly good start ran into many difficulties, mainly financial, and mining operations were suspended, and the properties since that time have lain practically dormant. After numerous attempts by former stockholders to rehabilitate the corporation, all without success, in 1937 Ole Oakland, one of the stockholders, came to the State of Washington with the express intention of putting the mine in operation. He contacted all of the former stockholders and obtained contributions and donations in the amount of $6,866.00, which funds were held in trust by him for the purpose of paying the costs and operations of a new corporation to be formed to further explore and develop the properties. The former Mount Rainier Mining Company was disfranchised through dispayment of its corporate tax in July, 1932. A great deal of the work done by the former company on the properties is inuring to the benefit of the present corporation, there being a number of drifts opened and in some places the ore body contacted.

CURRENT HISTORY OF THE COMPANY

The new corporation was organized July 5, 1946, and incorporated under the laws of the State of Washington, its capitalization being 300,000 shares of Common Stock at a par value of 30¢ per share. At the present time there is outstanding 118,316 shares which were either sold for cash to the former stockholder of the old corporation or given in exchange for work and services rendered in the new corporation. There are 10,800 shares of stock being held in escrow as required by the Director of Licenses of the State of Washington. This corporation is presently making an offering of 100,000 shares of non-assessable Common Stock at $1.00 per share aggregating $100,000.00, under the exemption provided by Regulation of the Securities Act of 1933. The underwriting, discounts and commissions will not exceed $25,000.00 or at the rate of 25¢ per unit. The corporation owns 8 patented claims in the Glacier Park District of the Mount Rainier National Park. Some preliminary work and considerable money have been expended on the property since the incorporation of the present company. Drifts have been partially cleaned out, buildings rehabilitated for the shelter of the working men and the property put in working condition. Negotiations have been entered into with the Park Department for the opening of the road into the property.

CONTEMPLATED OPERATIONS

The company has obtained the services of Mr. George C. Westby, Mining Engineer and Geologist, and his report dated October 10, 1947, states partly as follows:

"It is suggested that installation of suitable pneumatic equipment and two shift operations would be under the conditions obtaining on the property, the greatest long way economy the company should consider in way of preparation.

As to the recommendations made by Mr. Westby he specifically recommends that the following work be done:

(1) The management has taken definite steps to economically cut the vein at depth - at about elevation 6000 ft.

(2) Most of the work has centered at the cross cut tunnel #5. A working operation now 650 ft. in from the portal.

(3) The ground about the portal of #5 tunnel has been cleared, the tunnel is drained and rock removed up to a "cave-in" about 215 ft. from the portal. Essential replacement of rotting sets are being made. Well constructed quarters for the working force, near the portal of #5 "working" tunnel is in use, and are at this juncture, very convenient and economical of time, money and working energy.

(4) An important fact is that #5 tunnel is at this time probably the most valuable asset of the development work. The decision of the management to avoid haphazard diversion of funds and labor in different directions and center every effort on #5 crosscut tunnel, is justifiable. First, because proof of the ore at depth is essential to all future planning. Second, because drifting on the vein when reached, is necessary to determination of the probable scope of all future operations. No useful design for power development, milling or smelting, can be made before the indicated work is done. No. 5 tunnel is now in 650 feet in direction of the objective and the speed with which the rest of the distance is made will certainly have much to do with the fortunes of the Company.

This is the intention of the officers of the corporation to proceed along with the plan outlined by Mr. Westby. The assays taken on the property as shown in the Certificate of Assay by Falkenberg & Laucks, Assayers, Seattle, Washington, dated August 10, 1917, and based upon the value of minerals at that time, assay shown on the following copy of the Assay report. The Tacoma Smelter Report dated October 22, 1927 showed that the former company shipped from this property 94,749 pounds of ore for smeltering, and the company received therefrom a net of $1,046.02. Such reports as these would indicate that the properties, if properly managed and adequately financed, would show an adequate return on the investing capital.

THE PURPOSE OF FINANCING

The net proceeds from the offering will be used for exploration, development and allied work on certain mining claims owed in fee by this Company. It is the intention of the directors of the corporation to drive the No. 5 Crosscut Tunnel at the lower level to the ore body as the immediate work to be done. The tunnel is now in operation and about 650 ft. in and was cleaned out in 1947 up to 215 ft.

It would require 1,000 more feet of tunnel to reach the center vein of the lode by passing directly under the No. 2 and No. 3 Tunnel in which the ore has been contacted. It will be realized that many thousands of dollars were spent in the past to establish the known value of the ore in these tunnels and the directors believe it to be the expedient plan to capitalize so far as possible upon the money expended and the work done by the former corporation.

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OFFICERS and DIRECTORS

H. A. Peterson, President
T. Oakland, ~~Secretary-Treasurer~~ Dir
Ole Oakland, ~~Director~~ Sec. trea
Albert H. Bodelson, ~~Director~~ Vice President.
Carl H. Labiske - Dir.

-3-

STATEMENT AS TO THE LEGAL TITLE IN THE PROPERTY

"I have examined the title to the following described mining claims located in Mount Rainier National Park and embracing a portion of approximately Township 16 North, Range 9 to the Willamette Meridian, Pierce County, Washington. Claims are known as the Orinda, Peach, and Snowflake, United States Survey No. 1148 and Washington No. 1, Washington No. 2, Stronghold No. 1 and Stronghold No. 2 and Mary Lode Claims, United States Survey No. 1149. It is my opinion that the titles to the property are merchantable and that the title to the fee is now vested in the Mount Rainier Mining Company.

Signed Harold J. Shea,
Attorney at Law
Seattle, Washington

The management of the Company is in the hands of responsible men with varied and wide experience in business, the officers having been elected for a period of one year, none of whom will receive a salary as such officers. It is their purpose to give the best management and they intend to employ engineers, attorneys, and auditors on a reasonable basis in proportion to the services rendered. It is the feeling of the directors and officers that the properties of the Company can be operated in a manner that will be satisfactory to the stockholders and in the best interests of all concerned in order that the greatest return can be obtained from the minerals extracted. It is felt that the opportunity to invest in Mount Rainier Mining Company is an unusual one and should be profitable to those who purchase the initial stock being offered at the present time, and with the successful operation of the mine they should obtain an excellent return on their investment.

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TACOMA SMELTER
American Smelting & Refining Company

Tacoma, Washington, October 22, 1927

Bought of: Mt. Rainier Mining Co.
Enumclaw, Washington
Smelter Lot: 2702 Material: Ore
Car or Vessel: Own Truck Date Received: 10/13
Quotation: Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY			VALUE PER TON	
Less sacks		.03	Gold 100%	at 19.00	.57	
Net Wet Weight	96.900	2.38	Silver Less ½	at 55 7/8	1.05	
Less 2.22 % moisture	2.151	13.50	Wet Copper 270.0 less 26 lbs. 244 lbs.	at 10.025	24.46	
Net dry weight	94.749					
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374	at		Net Value	22.08	1,046.02

(COPY)

CERTIFICATE OF ASSAY

FALKENBERG & LAUCKS
Chemists--Metallurgists--Assayers

Certificate 170680

Seattle, Washington
August 10, 1917

We hereby certify that we have assayed the samples submitted to us by Mr. A. E. Bryan, and that they give the following results per ton of 2,000 pounds.

SAMPLES MARKED	GOLD		SILVER		COPPER		
	Oz. Troy per ton	Value per ton	Oz. Troy per ton	Value per ton	Per-cent	Value per ton	Total Value Per ton
No. 1 Lower Tunnel, 3 ft. Av. in stope	.10	2.00	4.8	3.80	15.7	84.80	90.60
No. 2 Upper tunnel 10 ft. Av. 210 ft. in	.02	.40	1.8	1.40	6.2	33.50	35.30
No. 3 Several pieces of phonolite	.01	.20	.2	.10			.30
No. 4 Outcrop No. 2 vein, Stronghold No. 1	.02	.40	2.4	1.90	7.8	42.10	44.40
No. 5 Selected ore from face of tunnel, Stronghold No. 1	.04	.80	1.8	1.40	29.9	161.50	163.70
No. 6 Lower tunnel, copper glance 355 ft. in	.07	1.40	7.6	6.10	25.4	137.20	144.70

Valuation:

Gold $20 per oz.

Silver - 80¢ per oz.

Lead---------

Copper - 30¢ per lb.

Respectfully,

FALKENBERG & LAUCKS
By A. Laucks

(It is understandable that the Directors are unable to state that the above Assays are average for the ore discovered or to be discovered in the workings of the mine)

Pertaining to Questions # 16(c) - #21 and #22

OFFICE AND LABORATORY
ROOMS 34-35 ROXWELL BLOCK, 2d FLOOR
Over J. Redelsheimer & Co., Clothiers
ENTRANCE: 106 COLUMBIA STREET
BETWEEN FIRST AND SECOND AVES.
OPPOSITE BRUNSWICK HOTEL
WELLS FARGO, GREAT NORTHERN AND
AMERICAN EX. CO.S' OFFICES

CERTIFICATE OF ASSAY

C. H. VOLL
ASSAYER AND CHEMIST
ESTABLISHED 1881

TELEPHONE BLACK 7154

Removed to 113 Columbia St. bet. 1st and 2nd A.
ROOMS 5 - 6 - 7 & 8

Mr. Mount Rainier Mng Co

SEATTLE, WASH., Sept 27 1906

Dear Sir: The ____ sample of ____ ore submitted to me for assay ____ results as follows (per ton of 2,000 lbs.):

ASSAY MARK: 6 foot					ASSAY MARK: 40 foot tunnel				ASSAY MARK: Molybdenite				ASSAY MARK:			
NO. 2					NO. 10				NO.				NO.			
METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.
GOLD		43	8	60	GOLD		34	6	80	GOLD		27	5	40	GOLD				
SILVER		96		58	SILVER		77		46	SILVER		42		25	SILVER				
	PER CENT	100				PER CENT	100				PER CENT	100				PER CENT	100		
COPPER	%24	31	72	93	COPPER	%27	68	83	04	COPPER	% 2	12	6	36		%			
LEAD					LEAD					LEAD									
										Tellurium		07	—						
										Molybdenum	34	61	1211	35					
		100					100					100					100		
TOTAL VALUE PER TON	%		$ 82	11	TOTAL VALUE PER TON	%		$ 90	30	TOTAL VALUE PER TON	%		$1,223	36	TOTAL VALUE PER TON	%		$	

MARKET VALUATION

Gold @ $20.67 per oz. Copper @ $ .15 per lb. Molybdenum @ $ 1.75 per lb.
Silver @ $ .60 per oz. Lead @ $ ____ per lb. ____ @ $ ____ per lb.

C. H. Voll, Assayer

N. P. BANK NOTE CO., TACOMA

ALL QUOTATIONS ON ORES AND METALS NOT UNDER CONTRACT SUBJECT TO CHANGE WITHOUT NOTICE

TACOMA SMELTER

AMERICAN SMELTING AND REFINING COMPANY
TACOMA 1, WASHINGTON

E. R. MARBLE
MANAGER

GLENN E. SIGLER
ASSISTANT MANAGER

PAUL T. BENSON
GENERAL SUPERINTENDENT

April 13, 1951

Mr. Thor Oakland
13403 Interurban Street
Seattle 88, Washington

MOUNT RAINIER MINING COMPANY

Dear Sir:

Enclosed are the copies of settlements on ore shipped from the Mt. Rainier Mining Company's property in Rainier National Park.

You will note that the maximum Base Charge indicated is $4.00 per ton. Since 1927 our Base Charge has had to be increased about two and one-half times. We are advising you of this so that you can make proper calculations as to the returns on your ore.

Very truly yours,

D. A. Somerville

D. A. Somerville

DAS:pr
Incl.

TACOMA SMELTER
AMERICAN SMELTING & REFINING COMPANY

Tacoma, Washington October 22, 1927

BOUGHT OF Mt. Rainier Mining Co., Enumclaw, Wash.

MATERIAL Ore

Smelter Lot 2702

Date Received 10/13

Car or Vessel Own truck

Quotation Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY	VALUE PER TON		
		.03	Gold 100% at 19.00	.57	
Net Wet Weight	96,900	2.38	Silver less 1/2 At 55 7/8	1.05	
Less 2.22 % Moisture	2,151	13.50	Wet Copper 270.0 Less 26 Lbs		
Net Dry Weight	94,749		244 Lbs. At 10.025	24.46	
			Gross Value	26.08	
			Treatment	4.00	
Net Tons	47.374		Net Value	22.08	1,046.08

Net Proceeds 1,046.08

Pertaining to Question # 16 (c) and # 22

pret. to Questions #16 (E) and #22

TACOMA SMELTING COMPANY

Bought of Mt. Rainier Mining Co.
Shipping Point Enumclaw, Wn.

Tacoma, Wash. Dec. 29, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
2236		79192	68,920	0.25	68,748	34.374		0.055	3.76	11.37

BASIS OF SETTLEMENT Gold 95 % Per Oz.	Silver 95 % N.Y.Qt.	Lead As% PerLb.	Copper Treatment Less 1.3 % Per Ton Per Lb. Qt.		Net Price Per Ton	AMOUNT Dollars Cts.
			32.458¢ less 3¢			
20	75-3/4		29.458	3.00	60.08	2065.19
			Freight		41.09	
			Paid a/c 10/6		755.35	
			Cost of Umpire		10.00	
			Paid a/c 12/22		250.00	
			" " 10/23		6.85	1063.29
			FINAL DUE			1001.90

Arrived Sept. 25, 1916

FINAL SETTLEMENT

pertaining to Question #16(c) and #22

TACOMA SMELTING COMPANY

Bought of Mt. Rainier Mining Co.
Shipping point Enumclaw, Wash.

Tacoma, Wash. June 8, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
1056		61410	20,160	0.4	20,079	10.039		0.05	4.40	12.77

BASIS OF SETTLEMENT Gold 95 % Per Oz	Silver 95 % N.Y.Qt.	Lead % PerLb.	Copper Less 1.3% Per Lb. Qt.	Treatment Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
			28.5¢ Less3¢			
20	75-1/2		25.5	3.00	59.60	598.32

Arrived May 19, 1916

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1608 X

Date received 6-5-51

Participation

Mt. Rainier Mining Co.,
300 Palomar Bldg.,
Seattle, I, Wash.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date May 29 1951

FILL IN THIS BLOCK

Date of application May 29 1951

Estimated cost $25,650.80

Mineral or metal Copper and Molybdenum

Percentage of Government participation 50

Location of mine Galcier Basin, Mt. Rainier National Park

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

THE EXPLORATION

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

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

CERTIFICATION

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

Mt. Rainier Mining Co. (Name of company) By Leonard A. Patton (Signature of authorized official)

May 29, 1951 (Date) Pres. (Title)

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

*Same as footnote on page 1.

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

MOUNT RAINIER MINING COMPA

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950 BY THE MOUNT RAINIER MINING COMPANY, 333 PALAMAR BUILDING, SEATTLE, WASHINGTON.

THE APPLICANT.

Answers to questions for application for loan on Form MF-103 of April 1951.

1. The applicant is a corporation of the state of Washington, with offices at 303 Palamar Building, Seattle, Washington.

2. This question does not apply to our company.

3. The names and addresses of the officers of this company:

   Howard A. Peterson, Pres. 6726--14th. N. W. Seattle, 7
   Albert A. Bodelson, Vic-Pres., 311 N. 47th. Seattle
   Ole Oakland, Sec-Treas., 13403 Interurban St., Seattle
   Carl H. Labishe, Director, 2625 Birch St., Astoria, Oregon.
   Thorwald Oakland, Director, 13403 Interurban St., Seattle

   The names of the five largest stockholders.

   Mrs. Marie Simons, Woodburn, Oregon.
   Mr. Jacob Strandness, Glenwood, Minnesota.
   Mr. Torjus Oakland, Bisbee, N. Dak.
   Mr. George Strandness, Glenwood, Minn.
   Mr. Ole Oakland, 13403 Interurban St., Seattle.

4. The management of the company is in the hands of responsible men with varied and wide experience in business. These officers are not newcomers to the company or to mining, the five present directors representing a total of 74 years in mining experience and in association with and as stockholders in the Mount Rainier Mining Company.

   Mr. Ole Oakland, the present Sec-Treas. of the company has been selected by the Board to manage our exploration project. Mr. Oakland is a substantial landowner of farm land in North Dakota which he personally has operated for years and as such has had wide business experience. He has been associated with the Mt. Ranier Mining Company for more than 40 years actively. He has done considerable work at the mine from time to time, he has been associated with mining engineers and geologists in their surveys of company property and in this connection has gained great experience as a practical miner. He knows our property as probably no other man does and he makes an ideal manager for any work to be done at the mine.

5. The Mt. Rainier Mining Co. is the sole owner of this property.

Page 2--Application of Mt. Rainier Mining Co. for aid under Defense Production Act of 1950.

6. There are no claims, liens or encumbrances against the property of the Mt. Rainier Mining Co.

7. This question does not apply to our company as we are not a lessee.

8. Current financial statement is attached.

9. When our application for this aid is approved we will be prepared to invest as needed one half of our proposed project which total is approximately $20,000.00 (Twenty Thousand Dollars). We have been authorized by the R.F.C. to sell stock up to a total of $100,000.00 (One hundred thousand Dollars) We already have a substantial amount promised by some of our stockholders.

We wish to emphasize that we have passed the prospecting stage, we have located ore bodies the extent of which remains to be determined by this exploration project. Our property contains over 2700 feet of tunneling, our assays and smelter returns show conclusively that we have the ore.

We wish to call your attention to the fact that already our company has spent considerably more than $200,000.00 in bringing our property to its present development. We really should be given matching funds for some of work already done. The substantial work already accomplished shows that this property does deserve further exploration to determine extent of ore bodies.

10. The property of the Mt. Rainier Mining Company is legally described in the a tached Copy No. 1419624.
The Mt. Rainier Mining Company is the sole owner of these claims as we understand that any practical mining as a result of this exploration project on any of our claims is an obligation to repay the government for any aid given us for such project.

11. This property has always been known as the Mt. Rainier Mining Company.

12. Our property is located as follows with reference to towns, rail roads, etc.
44 miles South East of Snoqualmie, Wash. which town is served by the Northern Pacific Railway. There is a paved road all the way from Snoqualmie to our site with the exception of the last 5 ½ miles. The National Park has a road within 19,000 feet of our sites. This 19,000 feet was formerly a road made and maintained by the the company but in the years this road reverted to a trail. We now have a permit from the National Park to reconstruct this road the the company has already made arrangements with a recognized road builder to repair this road this summer, as soon as ground conditions permit. The special work permit granted us by the Nat'l. Park demands some technical work, surveying, etc. which we have asked to be waived as these technicalities will delay our working on the road until July 1951.
Snoqualmie is at present our shipping point, we plan, however, to use Greenwater which is 19 miles closer to the mine.

13. Our source of water comes from Glacier streams and is adequate at all times. We cannot at this time state the amount of power to be used or establish a rate per hour or other costs concerning water.

14. The useable facilities, equipment, buidings or structures are:

Three structures, two camp cabins, two ore cars, two diesel engines, one drill sharpener, plus hammers, drills, hoses, pipes, fittings.

Other equipments needed for this project such as air compressor, generator, pump, diamond drill will be rented.

15. The copper ore will be shippedby truck to the Tacoma Smelter, Tacoma, Wash.
The molybdenum ore will have to be processed by ball mill and flotation. This can be done only on the grounds because it would not be feasible to freight it out.

16. Question on history, etc. of the mine:
(a) See prospectus attached for current and past history.
(b) There is no other mining property in the park or adjacent thereto.
(c) See Smelter returns and assays herewith enclosed.

17. See Prospectus, sheets 5 and 6.

18. Property has not been operating.

19. Property is on a very steep slope which is covered with talus, sliding slate and general lava ash. The original camp site which was cleared remains intact. Tunnels and location cuts are covered by slides to depth of 3 to 8 feet. Our mining engineer advised us to prospect the Mary Lode for molybdenum and manganese. Copper is also heavy there. Only assessment work has been done on this claim.

THE EXPLORATION.

20 The exploration will be conducted to determine extent and amount of copper, molybdenum.

21. It is proposed that the following work be done: building and repairing road from White River Camp to our mine site so that ready transportation of man power, equipment, etc. can be made to the mine; Dewatering and clearing of tunnels No. 2 and 3 and tunnel No. 1 on Stronghold Claim; core drilling and testing of molybdenite on the claim where that mineral was discovered.
Time for doing this is estimated at 90 days or so.
The cleaning out of No. 1. on Stronghold has been advised by The D. M. A. field men, also work on Tunnels No. 2 and 3. They also advised core testing of the molybdenum so as to satisfy

ourselves and justify the D. M. A. in granting us a Production Loan later.

22. The history of the development of this mine, its assays and smelter returns which are attached prove beyond a doubt that there is good ore on this property and that further work should be done to determine the extent of the ore bodies.

223. Estimated costs of the project, as called for in this question.

(a) Labor			
Six laborers, muckers or miners, 90 days or 720 hours each, at $2.00 per hour	-----	$ 8640.00	
			8,640.00
(b) Manager of project	-----	2000.00	
Mining Engineer services	-----	500.00	
Diamond Drill operator	-----	2250.00	
Helper for operator	-----	1440.00	6,190.00
(c) Repairs			
Cabins	-----	100.00	
Repair to road from White Rive Camp to mine site, 19000 feet.			
Survey and maps	-----	900.00	
Stakes	-----	75.00	
Culverts	-----	800.00	
14- 3 by 10 by 2o, to use over govt. bridges and culverts, so road machinery can be moved over. (2nd. hand)		90.00	
Contract price to road builder		1600.00	3,465.00
(d) No additional facilities			
(e) Equipment costing more than $50.00			
1200 ft. ½ cable		212.00	
Pullies, etc		90.00	
Jeep for transportation and hauling of supplies from White River Camp to mine, and for use at mine(2nd. hand-one in mind)		600.00	902.00
(f) Rental of Equipment			
Diamond Drill		2800.00	
Generating Plant		400.00	
Pump		270.00	
Air Compressor		270.00	

Page Five-- Application for aid for an exploration project for the Mt. Rainier Mining Co. under the Defense Production Act of 1950

Continuation of Question 23.

Rent of Camp Site- as provided under our Permit with the Mt. Rainier National Park	-----95.80	
Caterpillar or Drag Line (for moving machinery up slopes from Camp site at mine)	----600.00	
this is for taking up and down.		4435.80
(g) Rental of equipment owned by Mine No rental charged.		
(h) Material, supplies and equipment, costing less than $50.00 each.		
Repair(handles,etc) of Shovels and new shovels, hammers, steel,etc.	100.00	
Powder, caps and fuses,	125.00	
Tent for crew at Molybdenum Claim	59.00	
Stove, springs, bedding, flooring for tent	250.00	534.00
(i) Cost of Power and any other item not provided for above.		
Gas and oil9 for all power)	300.00	
Car trips-to and from Mine site to town for supplies, men, carrying assay samples, getting repairs,etc. Estimated 30 trips- 160 miles to the trip at 10¢ per mile	480.00	
Freighting machinery to and from mine	200.00	984.00
Assays of samples disclosed by diamond drilling(every 5 feet)	500.00	500.00
TOTAL		$ 25650.80

24. Time Schedule

3 weeks- survey and road	3,365.00
1 week - Hauling Machinery	200.00
Wages- Manager and help to move machinery from mine camp to claims	10080.00

We expect to complete the project in the next 90 days and will use the balance of money about equally divided by number of months(at rate of about $7000 per month)

MOUNT RAINIER MINING COMPANY

Answers to question #8

STATEMENT OF CURRENT FINANCIAL CONDITION.

ASSETS

Cash on hand or in bank	$---------
Notes and Accts. Receivable	450.00
	I56.00
Subscriptions Receivable---None	
Less Collections on Subscriptions-none	
Net Subscriptions receivable	----------
Mining property and real estate exclusive of equipment	400,000.00
Equipment	I3,298.84
Leases	--------
Other assets	--------
Total	413,905.07

LIABILITIES

Notes and accounts payable to:		
Officers and directors	None	
Stockholders	None	
Others	None	----------
Total current liabilities		----------
Production notes	None	
Bonded debt	None	
Mortgages	None	
Purchase contracts	None	
Other liabilities		
Engineer	40.00	
Lawyer	240.00	280.00
Common shares II8,3I6 at I0¢ and I.oo		35,549.84
Stock subscribed but not issued I87,694 at I.00 and 3.00		378,070.45
		413,905.07

ans. to question # 18 Exhibit (a)

Beginning for the description of the Orinda lode claim at corner no. 1 a schist boulder 17 x 7 x 6 feet above the ground (marked with cross (x) and Orinda 1--1148, with mound of stone) from which U. S. Mineral Monument no. 1148bears north ten degrees one minute east two thousand one hundred eleven and one-tenth feet distant;

Thence, first course, south fifteen degrees thirty-one minutes west one thousand five hundred feet to corner no. 2 a schist stone 24 x 16 x 10 inches, marked Orinda 2-1148 with mound of stone.

Thence, second course, north eighty-four degrees sixteen minutes west five hundred eight and one-tenth feet to corner witness to corner no. 3, a schistboulder in place 16 x 12 x 12 inches, marked with cross and WC Orinda 3-1148 with mound of stone; six hundred eight and eight tenths feet to corner no. 3 in bank of perpetual snow and not established;

Thence, third course, north fifteen degrees thirty-one minutes east one thousand five hundred feet to corner No. 4 in pathway of snow slide and not established; from which a witness corner a schist stone 30 x 10 x 10 inches, marked WC Orinda 4-1148, with mound of stone, bears north eighty one degrees thirty-seven minutes west twenty-one and eight tenths feet distance.

Thence, fourth course, south eighty-four degrees sixteen minutes east three hundred four and four tenths feet to a point from which discovery bears south fifteen degrees thirty one minutes west ten feet distant; six hundred eight and eight tenths feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Orinda vein or lode;

Beginning for the description of the Peach lode claim at corner No. 1, a schist stone 24 x 8 x 8 inches, marked Peach 1-1148, with mound of stone; from which U.S. Mineral monument No. 1148 bears north thirty degrees twenty minutes east one thousand six hundred sixty and sixty eight hundredths feet distant;

Thence, first course, south seventeen degrees fifty minutes west three hundred feet to a point from which discovery bears north sixty-nine degrees eighteen minutes west thirty feet distant; six hundred feet to corner No. 2 in perpetual snow path and not established; from which a witness corner to corner No. 4, of said Orinda lode claim bears south sixty-nine degrees eighteen minutes east twenty-nine and seven tenths feet distant;

Thence, second course, north sixty-nine degrees eighteen minutes west one thousand five hundred feet to corner No. 3, a schist stone 36 x 10 x 10 inches, marked Peach 3-1148 with mound of stone;

Thence, third course, north seventeen degrees fifty minutes east six hundred feet to corner No. 4, on the moraine of inner glacier and not established;

Thence, fourth course, south sixty-nine degrees eighteen minutes east one hundred ninety three and one tenth feet to witness corner No. 4, a schist stone 36 x 16 x 16inches, marked WC Peach 4-1148, with mound of stone; one thousand five hundred feet to corner No. 1, the place of the beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along Peach vein or lode;

Beginning for the description of the Snowflake lode claim at corner No. 1, identical with corner No. 1 of said Peach lode claim also marked SF 1-1148 thence, first course, south sixty-nine degrees eighteen minutes east one thousand one hundred and one-tenth feet to witness corner No. 2, a schist stone 30 x 16 x 10 inches marked WC SF 2--1148, with mound of stone one thousand five hundred feet to corner No. 2 on rocky slope and not established;

Thence, second course, south seventeen degrees fifty minutes west, six hundred feet to corner No. 3, a schist stone 30 x 10 x 10 inches marked SF 30-1148 with mound of stone;

Thence, third course, north sixty-nine degrees eighteen minutes west eight hundred forty-six and one tenth feet intersect line 1-2 of said Orinda lode claim; one thousand four hundred seventy and three tenths feet to witness corner to corner No. 4, also marked SF 4-1148, identical with witness corner to corner No. 4 of said Orinda lode claim one thousand five hundred feet to corner No. 4 in perpetual snow path and not established;

Thence fourth course, north seventeen degrees fifty minutes east three hundred feet to a point from which discovery bears south sixty-nine degrees eighteen minutes east fifteen feet distant; six hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Snowflake vein or lode; the premises herein granted containing sixty acres and seven hundred seventy-seven thousandth of an acre;

Beginning for the description of the Washington No. 1, lode claim at corner No. 1 a schist stone 24 x 12 x 10 inches marked W1-1-1149 with mound of stone, from which U.S. Mineral Monument No. 1148 bears south sixty eight degrees thirteen minutes thirty seconds east three thousand thirty nine and eleven hundredths feet distant;

Thence, first course south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 a schist stone 24 x 10 x 10 inches; marked W 1-2-1149 with mound of stone;

Thence second course north seventy one degrees twenty three minutes west three hundred and seventy three hundredths feet to a point from which discovery bears north thirty degrees forty five minutes east for hundred ninety five feet distant;six hundred one and forty six hundredths feet to a corner No.3, across (x) and W1-3--1149 marked on phonolite outcrop 3 x 2 x 2 feet above ground with mound of stone;

Thence third course, north thirty degrees forty five minutes east one thousand five hundred feet to corner No. 4, a schist stone 24 x 10 x 8 inches marked W 2-4-1149 with mound of stone;

Thence, fourth course, south seventy one degrees twenty three minutes east six hundred one and forty six hundredths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 1 vein or lode.

Beginning for the description of the Washington No. 2 lode claim, at corner No. 1, identical with corner No. 4 of said Washington No. 1 lode claim also marked W-2-1-1149 from which said U.S. Mineral monument No. 1148 bears south sixty eight degrees forty five minutes east three thousand six hundred thirty nine and seven tenths feet distant;

Thence, first course, south thirty degrees forty five minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Washington No. 1 lode claim also marked W 2-2-1149.

Thence, second course, north sixty seven degrees twelve minutes west three hundred two and nine tenths feet to a point from which discovery bears north thirty degrees forty five minutes east two hundred ten feet distant;five hundred seventeen and one tenth feet to witness corner to corner No. 3, a cross (x) and WC W2-3-1149 marked on granite outcrop 12 x 12 x 24 inches above ground with mound of stone six hundred five and eight tenths feet to corner No. 3 on moraine of Winthrop Glacier and not established;

Thence, third course, north thirty degrees forty five minuteseast one thousand one hundred four and eight tenths feet to witness corner, to corner No. 4, a cross (x) and W.C. W2-4-1149 marked on top of granite outcrop 4 x 4 x 4 feet with mound of stone; one thousand five hundred feet to corner No. 4 on steep rocky slide and not established;

Thence fourth course, south sixty seven degrees twelve minutes east six hundred fiveand eight tenths feet to corner No. 1, the place of beginning the survey of the lode claim as above described extending one thousand five hundred feet in length along said Washington No. 2 vein or lode.

Beginning for the description of the Stronghold No. 1 lode claim at corner No. 1 identical with corner No. 2 of said Washington No. 1 lode claim also marked S1-1-1149, from which said U.S. Mineral Monument No. 1148 bears north eighty seven degrees twenty five minutes east three thousand five hundred ninety two and eighty four hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to a corner No. 2 on Inter Glacier and not established;

Thence second course, north seventy one degrees twenty three minutes west four hundred sixty four and three tenths feet to witness corner to said corner No. 2, a cross (x) and WC S1-2-1149 marked on top of phonolite boulder 24 x 10 x 10 inches with a mound of stone; Six hundred and forty six hundredths feet to corner No. 3 a phonolite stone 136 x 12 x 12 inches marked S-1-4-1149;

Thence third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4, identical with corner No. 3 of said Washington No . lode claim also marked S-1-4-1149;

Thence fourth course, south seventy one degrees twenty three minutes east three hundred and seventy three hundredths feet to a point from which discovery bears south twenty two degrees thirty seven minutes west seven hundred eighty feet distant; six hundred one and forty six hundredths feet to corner No. 1, the place of beginning, the survey of the lode claim as above described extending one thousand five hundred feet in length along said Stronghold No. 1 vein or lode.

Beginning for the description of the Stronghold No. 2 lode claim at the corner No. 1, identical with corner No. 3 of said Washington No. 1 lode claim also marked S2-1-1149 from which U.S. Mineral Monument No. 1148 bears south eighty nine degrees thirty five minutes east four thousand one hundred fifty nine and thirty ~~XXXX~~ two hundredths feet distant;

Thence, first course, south twenty two degrees thirty seven minutes west one thousand five hundred feet to corner No. 2 identical with corner No. 3 of said Stronghold No. 1 lode claim also marked S 2-2-1149;

Thence, second course, north sixty seven degrees twelve minutes west two hundred fifty and two tenths feet to witness corner No. 3 a cross (x) and WC S 2-3-1149, marked on top of granite boulder 4 x 4 x 3 feet above ground with mound of stone; three hundred feet to a point from which discovery bears north twenty two degrees thirty seven minutes east four hundred forty feet distant; six hundred feet to corner No. 3, on Winthrop Glacier and not established;

Thence, third course, north twenty two degrees thirty seven minutes east one thousand five hundred feet to corner No. 4 in moraine and not established.

Thence fourth course, south sixty seven degrees twelve minutes east eighty two and nine tenths feet to witness corner to said corner No. 4, also marked WC S2-4-1149 identical with witness corner to said corner No. 3, ~~XXXXXXXXXX~~ of said Washington No. 2 lode claim as above described extending one thousand five hundred feet in length along said Stronghold vein or lode.

Beginning for the description of the Mary lode claim at corner No. 1 on precipitous ground and not established; from which said U.S. Mineral Monument No. 1148 bears south seventy one degrees fourteen minutes east four thousand thirty seven and thirty two hundredths feet distant;

Thence, first course, north eighty nine degrees fifty four minutes west two hundred seventy nine and seven tenths feet intersect line 3-4 of said Washington No. 2, lode claim; three hundred feet to a point from whuch discovery bears north two minutes west seven hundred fifteen feer distant; three hundred seventy five and four tenths feet to witness corner to said corner No. 1, a cross (x) and WC M1-1149 marked on granite outcrop 4 x 10 x 4 feet above ground with mound of stone; six hundred feet to corner No. 2 a granite stone 36 x 12 x 12 inches marked M 2-1149 with mound of stone;

~~Thence, third course, north eighty nine degrees~~

Thence, second course, north two minutes west one thousand five hundred feet to corner No. 3 a phonolite stone 36 x 14 x 12 inches marked M 3-1149 with mound of stone;

Thence, third course, south eighty nine degrees fifty four minutes east, one hundred sixty and two tenths feet to witness corner to corner number four, a phonolite stone 30 x 14 x 8 marked M4-1149 with mound of stone six hundred feet to corner No. 4 on rocky slope and not established;

Thence, fourth course, southtwo minutes east one thousand two hundred ninety eight and four tenths feet intersect line 4-1 of said Washington No. 2 lode claim; one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Mary vein or lode; the premises herein granted containing one hundred one acres and seven hundred seventy seven thousandths of and acre;

Together with all that portion of the said veins, lodes or ledges and of all other veins, lodes and ledges throughout their entire depth, the tops of apexes of which lie inside of the surface boundary lines of said described premises in said surveys extended downward vertically although such veins, lodes or ledges in their downward course may so far depart from a perpendicular as to extend outside the vertical side lines of said premises, the right of possession to such outside parts of said veins, lodes, or ledges to be confined to such portions thereof as lie between vertical planes drawn downward through the end lines of said surveys so continued in their own direction that such planes shall intersect such exterior parts of said veins, lodes, or ledges; and together with all the rights, privileges, immunities and appurtenances of whatsoever nature thereunto belonging.

Filed for Record

answers to - question # 21
Past and Current History
page 2 -

PROSPECTUS ON

MOUNT RAINIER MINING COMPANY

(A Washington Corporation)

CAPITALIZATION $300,000

COMMON STOCK
(30¢ Par Value)
NON-ASSESSABLE

HOME OFFICE SEATTLE, WASHINGTON
~~1046 Arcade Building~~
300 - Palomar B/G.

AUGUST 1948

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"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the commission or that the commission has considered the accuracy of completeness of the statements in this communication."

Ans. to - question 21

PAST HISTORY OF THE COMPANY

The history of the company dates back to its predecessor of the same name, which was incorporated in the State of Washington, on January 16, 1905. Extensive work was done on the mining claims acquired by this corporation at intervals from that time for a period of about 20 years. The work consisted mainly of a number of long drifts, raises, open cut and in general the prospecting of the property to a considerable extent. Copper was apparently found in good quantities as was some gold and molybdenum ore. The company after getting a fairly good start ran into many difficulties, mainly financial, and mining operations were suspended, and the properties since that time have lain practically dormant. After numerous attempts by former stockholders to rehabilitate the corporation, all without success, in 1937 Ole Oakland, one of the stockholders, came to the State of Washington with the express intention of putting the mine in operation. He contacted all of the former stockholders and obtained contributions and donations in the amount of $6,866.00, which funds were held in trust by him for the purpose of paying the costs and operations of a new corporation to be formed to further explore and develop the properties. The former Mount Rainier Mining Company was disfranchised through dispayment of its corporate tax in July, 1932. A great deal of the work done by the former company on the properties is inuring to the benefit of the present corporation, there being a number of drifts opened and in some places the ore body contacted.

CURRENT HISTORY OF THE COMPANY

The new corporation was organized July 5, 1946, and incorporated under the laws of the State of Washington, its capitalization being 300,000 shares of Common Stock at a par value of 30¢ per share. At the present time there is outstanding 118,316 shares which were either sold for cash to the former stockholder of the old corporation or given in exchange for work and services rendered in the new corporation. There are 10,800 shares of stock being held in escrow as required by the Director of Licenses of the State of Washington. This corporation is presently making an offering of 100,000 shares of non-assessable Common Stock at $1.00 per share aggregating $100,000.00, under the exemption provided by Regulation of the Securities Act of 1933. The underwriting, discounts and commissions will not exceed $25,000.00 or at the rate of 25¢ per unit. The corporation owns 8 patented claims in the Glacier Park District of the Mount Rainier National Park. Some preliminary work and considerable money have been expended on the property since the incorporation of the present company. Drifts have been partially cleaned out, buildings rehabilitated for the shelter of the working men and the property put in working condition. Negotiations have been entered into with the Park Department for the opening of the road into the property.

CONTEMPLATED OPERATIONS

The company has obtained the services of Mr. George C. Westby, Mining Engineer and Geologist, and his report dated October 10, 1947, states partly as follows:

"It is suggested that installation of suitable pneumatic equipment and two shift operations would be under the conditions obtaining on the property, the greatest long way economy the company should consider in way of preparation.

As to the recommendations made by Mr. Westby he specifically recommends that the following work be done:

(1) The management has taken definite steps to economically cut the vein at depth - at about elevation 6000 ft.

(2) Most of the work has centered at the cross cut tunnel #5. A working operation now 650 ft. in from the portal.

(3) The ground about the portal of #5 tunnel has been cleared, the tunnel is drained and rock removed up to a "cave-in" about 215 ft. from the portal. Essential replacement of rotting sets are being made. Well constructed quarters for the working force, near the portal of #5 "working" tunnel is in use, and are at this juncture, very convenient and economical of time, money and working energy.

(4) An important fact is that #5 tunnel is at this time probably the most valuable asset of the development work. The decision of the management to avoid haphazard diversion of funds and labor in different directions and center every effort on #5 crosscut tunnel, is justifiable. First, because proof of the ore at depth is essential to all future planning. Second, because drifting on the vein when reached, is necessary to determination of the probable scope of all future operations. No useful design for power development, milling or smelting, can be made before the indicated work is done. No. 5 tunnel is now in 650 feet in direction of the objective and the speed with which the rest of the distance is made will certainly have much to do with the fortunes of the Company.

This is the intention of the officers of the corporation to proceed along with the plan outlined by Mr. Westby. The assays taken on the property as shown in the Certificate of Assay by Falkenberg & Laucks, Assayers, Seattle, Washington, dated August 10, 1917, and based upon the value of minerals at that time, assay shown on the following copy of the Assay report. The Tacoma Smelter Report dated October 22, 1927 showed that the former company shipped from this property 94,749 pounds of ore for smeltering, and the company received therefrom a net of $1,046.02. Such reports as these would indicate that the properties, if properly managed and adequately financed, would show an adequate return on the investing capital.

THE PURPOSE OF FINANCING

The net proceeds from the offering will be used for exploration, development and allied work on certain mining claims owed in fee by this Company. It is the intention of the directors of the corporation to drive the No. 5 Crosscut Tunnel at the lower level to the ore body as the immediate work to be done. The tunnel is now in operation and about 650 ft. in and was cleaned out in 1947 up to 215 ft.

It would require 1,000 more feet of tunnel to reach the center vein of the lode by passing directly under the No. 2 and No. 3 Tunnel in which the ore has been contacted. It will be realized that many thousands of dollars were spent in the past to establish the known value of the ore in these tunnels and the directors believe it to be the expedient plan to capitalize so far as possible upon the money expended and the work done by the former corporation.

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OFFICERS and DIRECTORS

H. A. Peterson, President
T. Oakland, ~~Secretary Treasurer~~ Dir.
Ole Oakland, ~~Director~~ Sec. Trea
Albert H. Bodelson, ~~Director~~ V. Pres.
Carl H. Labiske Dir.

STATEMENT AS TO THE LEGAL TITLE IN THE PROPERTY

"I have examined the title to the following described mining claims located in Mount Rainier National Park and embracing a portion of approximately Township 16 North, Range 9 to the Willamette Meridian, Pierce County, Washington. Claims are known as the Orinda, Peach, and Snowflake, United States Survey No. 1148 and Washington No. 1, Washington No. 2, Stronghold No. 1 and Stronghold No. 2 and Mary Lode Claims, United States Survey No. 1149. It is my opinion that the titles to the property are merchantable and that the title to the fee is now vested in the Mount Rainier Mining Company.

Signed Harold J. Shea,
Attorney at Law
Seattle, Washington

The management of the Company is in the hands of responsible men with varied and wide experience in business, the officers having been elected for a period of one year, none of whom will receive a salary as such officers. It is their purpose to give the best management and they intend to employ engineers, attorneys, and auditors on a reasonable basis in proportion to the services rendered. It is the feeling of the directors and officers that the properties of the Company can be operated in a manner that will be satisfactory to the stockholders and in the best interests of all concerned in order that the greatest return can be obtained from the minerals extracted. It is felt that the opportunity to invest in Mount Rainier Mining Company is an unusual one and should be profitable to those who purchase the initial stock being offered at the present time, and with the successful operation of the mine they should obtain an excellent return on their investment.

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TACOMA SMELTER
American Smelting & Refining Company

Tacoma, Washington, October 22, 1927

Bought of: Mt. Rainier Mining Co.
Enumclaw, Washington

Smelter Lot: 2702 Material: Ore
Car or Vessel: Own Truck Date Received: 10/13
Quotation: Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY			VALUE PER TON	
Less sacks		.03	Gold 100%	at 19.00	.57	
Net Wet Weight	96.900	2.38	Silver Less ½	at 55 7/8	1.05	
Less 2.22 % moisture	2.151	13.50	Wet Copper 270.0 less 26 lbs. 244 lbs.	at 10.025	24.46	
Net dry weight	94.749					
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374	at		Net Value	22.08	1,046.02

(COPY)

CERTIFICATE OF ASSAY

FALKENBERG & LAUCKS
Chemists--Metallurgists--Assayers

Certificate 170680

Seattle, Washington
August 10, 1917

We hereby certify that we have assayed the samples submitted to us by Mr. A. E. Bryan, and that they give the following results per ton of 2,000 pounds.

SAMPLES MARKED	GOLD		SILVER		COPPER		Total Value Per ton
	Oz. Troy per ton	Value per ton	Oz. Troy per ton	Value per ton	Per-cent	Value per ton	
No. 1 Lower Tunnel, 3 ft. Av. in stope	.10	2.00	4.8	3.80	15.7	84.80	90.60
No. 2 Upper tunnel 10 ft. Av. 210 ft. in	.02	.40	1.8	1.40	6.2	33.50	35.30
No. 3 Several pieces of phonolite	.01	.20	.2	.10			.30
No. 4 Outcrop No. 2 vein, Stronghold No. 1	.02	.40	2.4	1.90	7.8	42.10	44.40
No. 5 Selected ore from face of tunnel, Stronghold No. 1	.04	.80	1.8	1.40	29.9	161.50	163.70
No. 6 Lower tunnel, copper glance 355 ft. in	.07	1.40	7.6	6.10	25.4	137.20	144.70

Valuation:
Gold $20 per oz.

Silver - 80¢ per oz.

Lead---------

Copper - 30¢ per lb.

Respectfully,

FALKENBERG & LAUCKS
By A. Laucks

(It is understandable that the Directors are unable to state that the above Assays are average for the ore discovered or to be discovered in the workings of the mine)

TACOMA SMELTER
AMERICAN SMELTING & REFINING COMPANY

Tacoma, Washington October 22, 1927

BOUGHT OF Mr. Rainier Mining Co., Enumclaw, Wash.

MATERIAL Ore

Smelter Lot 2702

Date Received 10/13

Car or Vessel Own Truck

Quotation Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT	ASSAY	VALUE PER TON		
	.03	Gold 100% at 19.00	.57	
Net Wet Weight 96,900	2.38	Silver less 1/2 At 55 7/8	1.05	
Less 2.22% Moisture 2,151	13.50	Wet Copper 270.0 Less 26 Lbs.		
Net Dry Weight 94,749		244 Lbs. at 10,025	24.46	
		Gross Value	26.08	
		Treatment	4.00	
Net Tons 47.374		Net Value	22.08	1,046.08

Net Proceeds 1,046.08

answers pertaining to questions # 16(c) and # 22

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping point Enumclaw, Wash.

Tacoma, Wash. June 8, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
1056		61410	20,160	0.4	20,079	10.039		0.05	4.40	12.77

BASIS OF SETTLEMENT Gold 95 % Per Oz.	Silver 95 % N.Y.Qt.	Lead % Per Lb.	Copper Less 1.3% Per Lb. Qt.	Treatment Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
			28.5¢ Less 3¢			
20	75 1/2		25.5	3.00	59.60	598.32

Arrived May 19, 1916

Answers to questions #16(c)-21 and #22

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping Point Enumclaw, Wn.

Tacoma, Wash. Dec. 29, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS DRY Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
2236		79192	68,920	0.25	68,748	34.374		0.055	3.76	11.37

	BASIS OF SETTLEMENT Gold 95% Per Oz.	Silver 95 % N.Y.Qt.	Lead As % Per Lb.	Copper Treatment Less 1.3% Per Lb. Qt.	Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
				32.458¢ Less 3¢			
	20	75 3/4		29.458	3.00	60.08	2065.19
Arrived Sept. 25, 1916				Freight		41.09	
				Paid a/c 10/6		755.35	
				Cost of Umpire		10.00	
FINAL SETTLEMENT				Paid a/c 12/22		250.00	
				" " 10/23		6.85	1063.29
				FINAL DUE.			1001.90

Answers to questions # 16(e) and #22

MT. RAINIER
SUNRISE PARK
PARADISE
LONGMIRE
OHANAPECOSH
Carbon River Entrance Ranger Station
Chenuis Falls
Tirzah Pk
Pigeon Pk
Scarface
Patrol Cabin
Silver Spr. Camp
Parkway
Silver Cr. R.S.
Green Lake
Chenuis Lakes
Lake James
Natural Bridge
Redstone Peak
Tyee Pk
Tolmie Peak
Eunice Lake
Ipsut Pass
Poch Peak
Castle Rock
Mowich Lake
Ranger Sta.
Fay Peak
Crescent Lake
Siuiskin Mtn.
Elysian Fields
Goat Island Rock
Hessong Rock
Spray Falls
Shelter Cabin
Mystic Lake
Echo Rock
Observation Rock
Needle Rock
Willis Wall
Steamboat Prow
Mt. Ruth
St. Elmo Pass
Glacier Basin
Burroughs Mtn.
Skyscraper Mtn.
Forest Lake
Huckleberry Park
Berkeley Park
Frozen Lake
Yakima Park
Dege Pk
Slide Mtn.
Brown Peak
Burnt Park
Green Park
Bear Park
Prospect
Sunrise Ridge
White River Camp
Crystal Lake
Deadwood Lakes
Chinook Pass
Tipsoo Lk.
Naches Pk.
Cayuse Pass
Tamanos Mtn.
Owyhigh Lakes
Barrier Peak
Panhandle Gap
Sheiter Cabin
Seymour Peak
Dewey Lk.
Bear Gap
Crown Pt.
Fife Mtn.
Morse
Rainier
Liberty Cap
Columbia Crest
St. Andrews Rock
Pt. Success
Gibraltar Rock
Little Tahoma Peak
Camp Muir
Cowlitz Rocks
Anvil Rock
Fire Lookout
Indian Bar
Double Peak
Cowlitz Park
Basaltic Falls
Marie Falls
Shriner Pk.
Shriner Lake
Panther Creek
Bald Rock
Sheep Lake
Olallie
Fir Lake
St. Jacobs Lake
Ranger Station
St. Johns Falls
Silver Falls
Laughingwater Creek
Kincaid Camp
Indian Camp
Stevens Peak
Boundary Peak
Blue Lk.
Unicorn Pk.
Snow Lk.
Bench Lk.
Louise Lk.
Madcap Falls
Eagle Peak
Chutla Peak
Wahpenayo Peak
Tumtum Peak
Nisqually Park Entrance Ranger Station
Superintendents Roots
Narada Falls
Reflection Lakes
Sluiskin Falls
The Fan
Fan Lake
McClure Rock
Pyramid Pk.
Round Pass
Crystal Mtn.
Iron Mtn.
Mt. Ararat
Lake George
Satulick Mtn.
Lake Allen
Lake West
Kenworthy Lk.
Goat Lk.
Lk. Christine
Beljica
Tenas
Elliott
Lookout Mtn.
Horse Cr.
Johnson Cr.
Butter Cr.
Berry Cr.
Falls Cr.
Carlton Cr.
Nisqually River
Puyallup River
Ohanapecosh River
Cowlitz River
Chenuis River
White River
Silver Cr.
Goat Cr.
Deer Cr.
Chinook Cr.
Crystal Cr.
Deadwood Cr.
Shaw Cr.
Fryingpan Cr.
Ohanapecosh Cr.
Cowlitz Cr.
Paradise River
Stevens Canyon
Maple Cr.
Tahoma Cr.
Puyallup Cr.
Mowich River
South Mowich River
North Mowich River
Carbon River
Tolmie Cr.
Cayada Cr.
Eleanor Cr.
Nisqually Glacier
Cowlitz Glacier
Paradise Glacier
Ingraham Glacier
Emmons Glacier
Winthrop Glacier
Carbon Glacier
Russell Glacier
Edmunds Glacier
Puyallup Glacier
Tahoma Glacier
Success Glacier
Sarvent Glacier
Ohanapecosh Glacier
Nisqually Park
Ohanapecosh Park
Backbone Ridge
Stevens Ridge
Sunset Park
Copyright by C. J. Metsker

Ans. To Question #21 in part.

Showing in red ink, on inclosed map.

3.8 miles of road from white river camp H to Glacier Basin, to be re-constructed and maintained by Mt. Rainier Mining co.

Answered to questions #16(c) #21 and #22

OFFICE AND LABORATORY
ROOMS 34-35 ROXWELL BLOCK, 2d FLOOR
Over J. Redelsheimer & Co., Clothiers
ENTRANCE: 106 COLUMBIA STREET
BETWEEN FIRST AND SECOND AVES.
OPPOSITE BRUNSWICK HOTEL
WELLS FARGO, GREAT NORTHERN AND
AMERICAN EX. CO.S' OFFICES

CERTIFICATE OF ASSAY

C. H. VOLL ASSAYER AND CHEMIST
ESTABLISHED 1881

TELEPHONE BLACK 7154

Removed to 113 Columbia St. bet. 1st and 2nd A.
ROOMS 5 - 6 - 7 & 8

Mr. Mount Rainier Mng Co

SEATTLE, WASH., Sept 27 1906

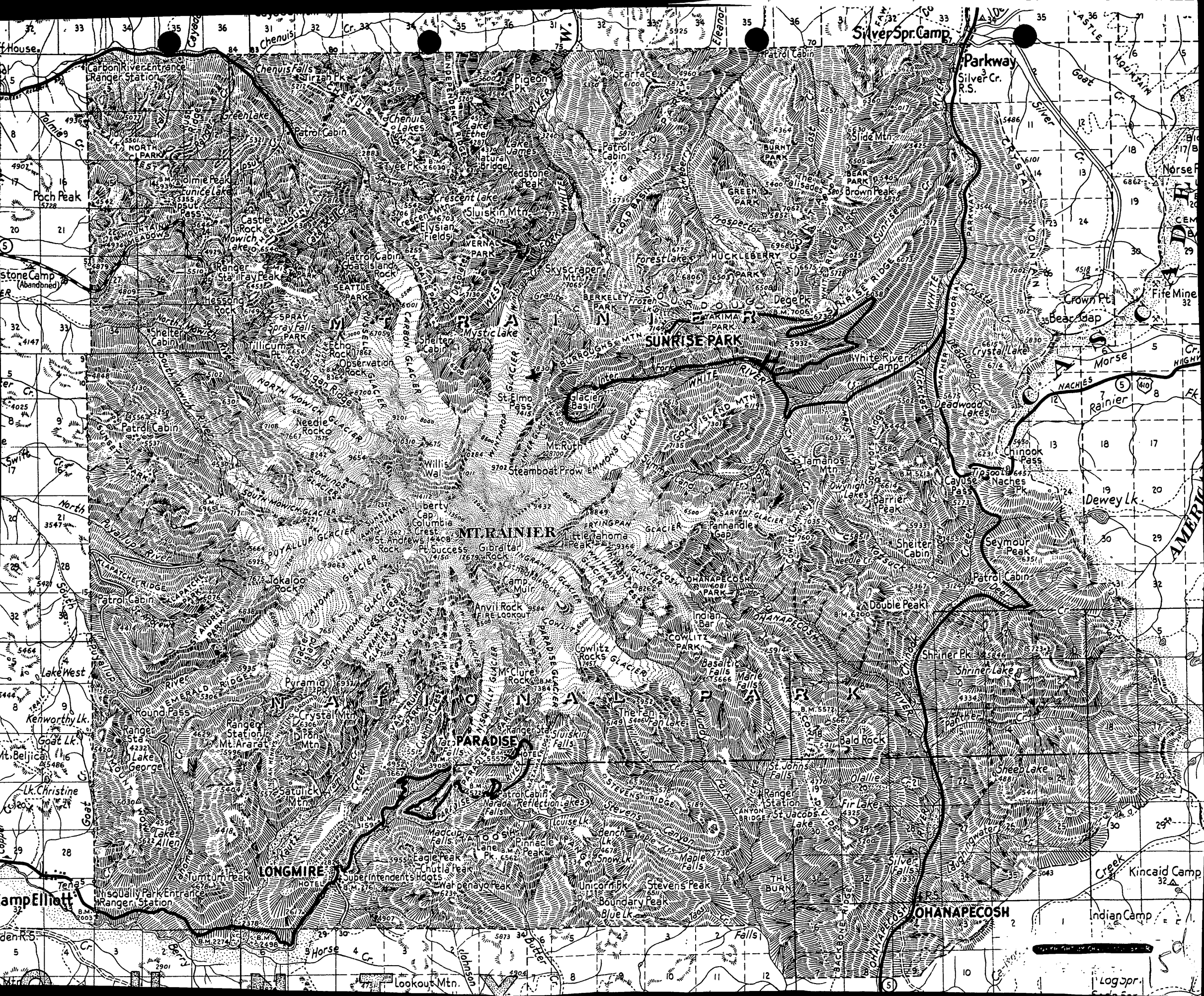
Dear Sir: The ____ sample of ____ ore submitted to me for assay ____ results as follows (per ton of 2,000 lbs.):

ASSAY MARK: 6 foot					ASSAY MARK: 40 foot tunnel					ASSAY MARK: Molybdenite.					ASSAY MARK:				
NO. 2					NO. 10					NO.					NO.				
METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.
GOLD		43	8	60	GOLD		34	6	80	GOLD		27	5	40	GOLD				
SILVER		96		58	SILVER		77		46	SILVER		42		25	SILVER				
	PER CENT	100				PER CENT	100				PER CENT	100				PER CENT	100		
COPPER	%24	31	72	93	COPPER	%27	68	83	04	COPPER	% 2	12	6	36		%			
LEAD					LEAD					LEAD									
										Tellurium		07	—						
										Molybdenum	34	61	1211	35					
		100					100					100					100		
TOTAL VALUE PER TON	%		$ 82	11	TOTAL VALUE PER TON	%		$ 90	30	TOTAL VALUE PER TON	%		$1,223	36	TOTAL VALUE PER TON	%		$	

MARKET VALUATION

Gold @ $20.67 per oz. Copper @ $ .15 per lb. Molybdenum @ $ 1.75 per lb.
Silver @ $ .60 per oz. Lead @ $ ____ per lb. ____ @ $ ____ per lb.

C. H. Voll, Assayer


MT. RAINIER
NATIONAL PARK
CASCADE RANGE
SUNRISE PARK
PARADISE
LONGMIRE
OHANAPECOSH
Carbon River Entrance
Ranger Station
Chenuis Falls
Chenuis Lakes
Pigeon Pk
Lake Ethel
Lake James
Natural Bridge
Redstone Peak
Crescent Lake
Sluiskin Mtn
Elysian Fields
Tyee Pk
Tolmie Peak
Eunice Lake
Ipsut Pass
Castle Rock
Mowich Lake
Ranger Sta.
Fay Peak
Hessong Rock
Spray Falls
Shelter Cabin
Willicum Pt.
Echo Rock
Observation Rock
Mystic Lake
Needle Rock
Patrol Cabin
Willis Wall
Liberty Cap
Columbia Crest
St. Andrews Rock
Pt. Success
Gibraltar Rock
Steamboat Prow
Mt. Ruth
St. Elmo Pass
Glacier Basin
Little Tahoma Peak
Camp Muir
Anvil Rock
Cowlitz Rocks
Cowlitz Park
Indian Bar
Panhandle Gap
Tamanos Mtn
Owyhigh Lakes
Barrier Peak
Cayuse Pass
Naches Pk
Chinook Pass
Dewey Lk.
Deadwood Lakes
Crystal Lake
White River Camp
Fifes Mine
Crown Pt.
Bear Gap
Morse
Rainier
Silver Spr. Camp
Parkway
Silver Cr. R.S.
Goat Cr.
Silver Cr.
Slide Mtn
Brown Peak
Dege Pk
Forest Lake
Skyscraper Mtn
Prospector
Burroughs Mtn
Frozen Lake
Sunrise Ridge
Sunset Park
Seymour Peak
Shriner Pk
Shriner Lake
Double Peak
Bald Rock
Sheep Lake
Fir Lake
St. Jacobs Lake
Ranger Station
Reflection Lakes
Louise Lk.
Bench Lk.
Snow Lk.
Maple Falls
Silver Falls
Laughingwater Creek
Kincaid Camp
Indian Camp
Stevens Peak
Boundary Peak
Blue Lk.
Unicorn Pk
Eagle Peak
Chutla Peak
Wahpenayo Peak
Superintendents Hdqts.
Nisqually Park Entrance
Ranger Station
Tumtum Peak
Kautz
Pyramid Pk
Crystal Mtn
Round Pass
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Mt. Ararat
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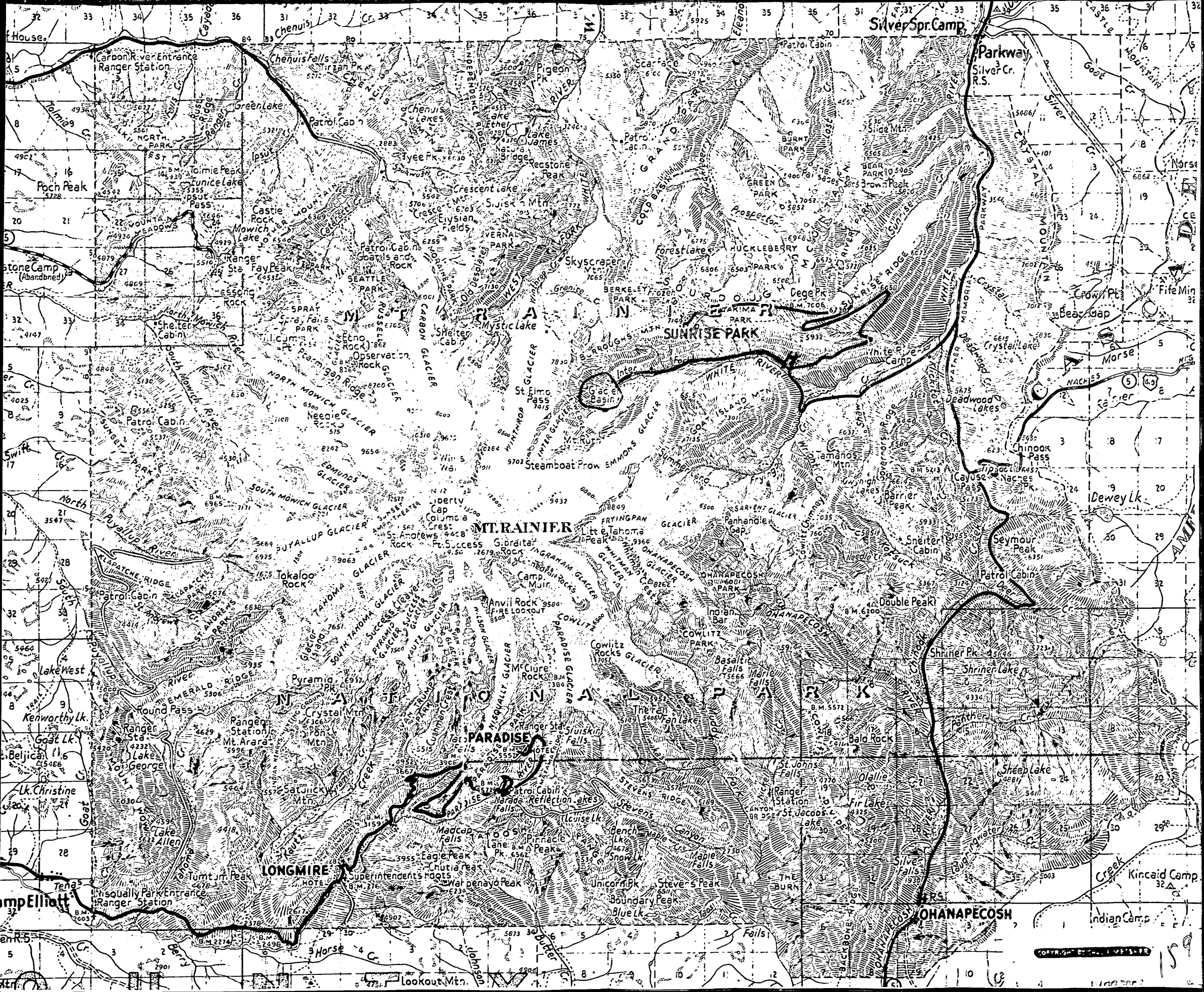
Satulick Mtn
Lake Allen
Lake West
Kenworthy Lk.
Goat Lk.
Mt. Beljica
Lk. Christine
Camp Elliott
Tenas
Poch Peak
Stone Camp (Abandoned)
Lookout Mtn.
Horse Cr.
Johnson
Butter Cr.
Berry
Log Spr.
Fall

MOUNT RAINIER MINING COMPANY

Question # 21 -
in part. showing in
Red ink, on enclosed map
3.8 miles of road from White
River camp # 1 to Glacier Basin.
to be reconstructed and maintained
by Mt. Rainier Mining Co.


MT. RAINIER
NATIONAL PARK
PARADISE
LONGMIRE
OHANAPECOSH
SUNRISE PARK
Carbon River Entrance Ranger Station
Chenuis Falls
Silver Spr. Camp
Parkway
Silver Cr. R.S.
Green Lake
Tolmie Peak
Eunice Lake
Poch Peak
Castle Rock
Mowich Lake
Fay Peak
Essong Rock
Shelter Cabin
Spray Falls
Tiltcum Pt.
Ptarmigan Ridge
Observation Rock
Needle Rock
Mystic Lake
Crescent Lake
Elysian Fields
Skyscraper Mtn.
Forest Lake
Huckleberry Park
Dege Pk.
Crystal Lake
Crown Pt.
Bear Gap
Morse
Deadwood Lakes
Chinook Pass
Cayuse Pass
Naches Pk.
Dewey Lk.
Seymour Peak
Sheiter Cabin
Patrol Cabin
Double Peak
Shriner Pk.
Shriner Lake
Panther Cr.
Bald Rock
Sheep Lake
Kincaid Camp
Indian Camp
Silver Falls
Laughingwater Creek
Fir Lake
St. Jacobs L.
St. Johns Falls
Olallie
Ranger Sta.
Sluiskin Falls
Narada Falls
Reflection Lakes
Louise Lk.
Madcap Falls
Pinnacle Peak
Eagle Peak
Chutla Peak
Superintendents Roots
Wapenayo Peak
Unicorn Pk.
Boundary Peak
Blue Lk.
Steven's Peak
Maple Falls
Snow Lk.
Bench Lk.
Tumtum Peak
Nisqually Park Entrance Ranger Station
Lookout Mtn.
Steamboat Prow
Gibraltar Rocks
Little Tahoma Peak
Panhandle Gap
Sarvent Glacier
Fryingpan Glacier
Emmons Glacier
Winthrop Glacier
Inter Glacier
Nisqually Glacier
Cowlitz Rocks Glacier
Paradise Glacier
Tahoma Glacier
Success Glacier
Kautz Glacier
Russell Glacier
Carbon Glacier
Edmunds Glacier
South Mowich Glacier
North Mowich Glacier
Puyallup Glacier
Ingraham Glacier
Cowlitz Glacier
Nisqually Glacier
Anvil Rock
Camp Muir
Cowlitz Park
Indian Bar
Basaltic Falls
Marie Falls
Tatoosh Lane
Pyramid Peak
Round Pass
Crystal Mtn.
Iron Mtn.
Mt. Arara
Ranger Station
Lake George
Lake Allen
Lake West
Kenworthy Lk.
Goat Lk.
Lk. Christine
Beljica
Tenas
Camp Elliott
Fife Min
Morse
Berry
Horse Cr.
Johnson
Butter Cr.
Copyright by Ansel F. Hall

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping point Enumclaw, Wash.

Tacoma, Wash. June 8, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
1056		61410	20,160	0.4	20,079	10.039		0.05	4.40	12.77

BASIS OF SETTLEMENT Gold 95 % Per Oz.	Silver 95 % N.Y.Qt.	Lead % Per Lb.	Copper Less 1.3% Per Lb. Qt.	Treatment Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
			28.5¢ Less 3¢			
20	75 1/2		25.5	3.00	59.60	598.32

Arrived May 19, 1916

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping Point Enumclaw, Wn.

Tacoma, Wash. Dec. 29, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS DRY Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
2236		79192	68,920	0.25	68,748	34.374		0.055	3.76	11.37

BASIS OF SETTLEMENT Gold 95% Per Oz.	Silver 95 % N.Y.Qt.	Lead As % Per Lb.	Copper Treatment Less 1.3% Per Ton		Net Price Per Ton	AMOUNT Dollars Cts.
			Qt. 32.458¢ Less 3¢			
20	75 3/4		29.458	3.00	60.08	2065.19
Arrived Sept. 25, 1916			Freight		41.09	
			Paid a/c 10/6		755.35	
			Cost of Umpire		10.00	
FINAL SETTLEMENT			Paid a/c 12/22		250.00	
			" " 10/23		6.85	1063.29
			FINAL DUE			1001.90

OFFICE AND LABORATORY
ROOMS 34-35 ROXWELL BLOCK, 2d FLOOR
Over J. Redelsheimer & Co., Clothiers
ENTRANCE: 106 COLUMBIA STREET
BETWEEN FIRST AND SECOND AVES.
OPPOSITE BRUNSWICK HOTEL
WELLS FARGO, GREAT NORTHERN AND
AMERICAN EX. CO.S' OFFICES

CERTIFICATE OF ASSAY

C. H. VOLL ASSAYER AND CHEMIST
ESTABLISHED 1891

TELEPHONE BLACK 7154

Removed to 113 Columbia St. bet. 1st and 2nd A.
ROOMS 5 - 6 - 7 & 8

Mr. Mount Rainier Mng Co

SEATTLE, WASH., Sept 27 1906

Dear Sir: The sample of ore submitted to me for assay results as follows (per ton of 2,000 lbs.):

ASSAY MARK: 6 foot					ASSAY MARK: 40 foot tunnel					ASSAY MARK: Molybdenite					ASSAY MARK:				
NO. 2					NO. 10					NO.					NO.				
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SILVER		96		58	SILVER		77		46	SILVER		42		25	SILVER				
	PER CENT	100				PER CENT	100				PER CENT	100				PER CENT	100		
COPPER	% 24	31	72	93	COPPER	% 27	68	83	04	COPPER	% 2	12	6	36		%			
LEAD					LEAD					LEAD									
										Tellurium		07	—						
										Molybdenum	34	61	1211	35					
		100					100					100					100		
TOTAL VALUE PER TON	%		$ 82	11	TOTAL VALUE PER TON	%		$ 90	30	TOTAL VALUE PER TON	%		$1,223	36	TOTAL VALUE PER TON	%		$	

MARKET VALUATION

Gold @ $20.67 per oz. Copper @ $ .15 per lb. Molybdenum @ $ 1.75 per lb.
Silver @ $ .60 per oz. Lead @ $ per lb. @ $ per lb.

C. H. Voll, Assayer

MT. RAINIER
PARADISE
LONGMIRE
SUNRISE PARK
OHANAPECOSH
Silver Spr. Camp
Parkway
Silver Cr. R.S.
CRYSTAL MOUNTAIN
Crystal Lake
Deadwood Lakes
Chinook Pass
Cayuse Pass
Naches Pk.
Tipsoo Lk.
Dewey Lk.
Bear Gap
Crown Pt.
Norse Peak
Fife Mine
Goat Cr.
Silver Cr.
CASTLE MOUNTAIN
MATHER MEMORIAL PARKWAY
WHITE RIVER
White River Camp
Klickitat Cr.
Seymour Peak
Patrol Cabin
Deer Creek
Shriner Pk.
Shriner Lake
Sheep Lake
Laughingwater Cr.
Owyhigh Lakes
Barrier Peak
Shelter Cabin
Double Peak
Governors Ridge
Tamanos Mtn.
Bald Rock
Fir Lake
St. Jacobs Lake
St. Johns Falls
Ranger Station
Silver Falls
THE BURN
Indian Camp
Kincaid Camp
Creek
Sunrise Ridge
Slide Mtn.
Bear Park
Brown Peak
The Palisades
Burnt Park
Green Park
Huckleberry Cr.
Dege Pk.
Yakima Park
Frozen Lk.
Forest Lake
Cold Basin
Berkeley Park
Skyscraper Mtn.
Burroughs Mtn.
Glacier Basin
Goat Island Mtn.
Summerland
Emmons Glacier
Mt. Ruth
Steamboat Prow
St. Elmo Pass
Winthrop Glacier
Mystic Lake
Carbon Glacier
Willis Wall
Liberty Cap
Columbia Crest
St. Andrews Rock
Pt. Success
Gibraltar Rock
Camp Muir
Anvil Rock
Cowlitz Glacier
Ingraham Glacier
Whitman Glacier
Whitman Crest
Little Tahoma Peak
Fryingpan Glacier
Panhandle Gap
Sarvent Glacier
Ohanapecosh Glacier
Ohanapecosh Park
Indian Bar
Cowlitz Park
Basalt Falls
Marie Falls
Muddy Fork
The Fan
Fan Lake
Williwakas
Stevens Ridge
Stevens Canyon
Maple Falls
Stevens Peak
Unicorn Pk.
Boundary Peak
Blue Lk.
Snow Lk.
Bench Lk.
Louise Lk.
Reflection Lakes
Narada Falls
Pinnacle Peak
Paradise Glacier
Nisqually Glacier
Wilson Glacier
Van Trump Glacier
McClure Rock
Mazama Ridge
Sluiskin Falls
Tatoosh
Eagle Peak
Chutla Peak
Madcap Falls
Superintendents Hdqts.
Lookout Mtn.
Butter Cr.
Johnson
Horse Cr.
Kautz Glacier
Success Glacier
Pyramid Glacier
Tahoma Glacier
South Tahoma Glacier
Puyallup Glacier
South Mowich Glacier
North Mowich Glacier
Edmunds Glacier
Russell Glacier
Tokaloo Rock
Glacier Island
Pyramid Pk.
Crystal Mtn.
Iron Mtn.
Satulick Mtn.
Indian Henrys Hunting Ground
Mt. Ararat
Rampart Ridge
Kautz Creek
Emerald Ridge
Round Pass
Lake George
Mount Wow
Lake Allen
Tumtum Peak
Nisqually Park Entrance Ranger Station
Camp Elliott
Tenas
Goat Cr.
Lk. Christine
Mt. Beljica
Goat Lk.
Kenworthy Lk.
Lake West
South Puyallup River
North Puyallup River
St. Andrews Park
Klapatche Ridge
Klapatche Park
Sunset Park
Golden Lakes
South Mowich River
North Mowich River
Hessong Rock
Mowich Lake
Castle Rock
Fay Peak
Spray Falls
Spray Park
Tillicum Pt.
Ptarmigan Ridge
Needle Rock
Echo Rock
Observation Rock
Seattle Park
Goat Island Rock
Moraine Park
Crescent Lake
Crescent Mtn.
Elysian Fields
Vernal Park
Sluiskin Mtn.
Natural Bridge
Redstone Peak
Lake James
Lake Ethel
Independence Ridge
Pigeon Pk.
Chenuis Lakes
Chenuis Falls
Chenuis Mtn.
Tyee Pk.
Mist Park
Eunice Lake
Tolmie Peak
Ipsut Pass
Ipsut Cr.
Green Lake
Carbon River Entrance Ranger Station
Poch Peak
Tolmie Cr.
Cayada Mtn.
Fairfax Mtn.
Eleanor Cr.
Scarface
Carbon River
Ranger Sta.
Mountain Meadows
Patrol Cabin
Stone Camp (Abandoned)
Granite Cr.
Rainier
Naches
Morse Cr.
Hotel

Pertains to question # 21 in part. showing in red ink 3.8 miles of road from white river Camp H. to Glacier Basin, to be re-constructed & maintained by Mt. Rainier Mining Co.

8 foot claims

& Snoqualmie

manner of claims?

65 [illegible]

70 [illegible]

53 [illegible]

DMA - 1985X - adjustor

Shas M C.

Hermann Frank

Idm - E 171

Note Powers not mentioned

Shipping all [illegible] 3,456.00

Equip & Supplies 324

Labor & Sup 1,220

5000

Sep 13 to RED 90%

20 to Legal 500

One year [illegible] 215 ft

[illegible] 160

[illegible] 16 N, Rge

[illegible], Pacific

Co, Wash.

Omaha, Prop, [illegible]

Alt 1148, Washington [illegible]

2, Strength & Mag

102 & Mag Lode 1149

Nor at loof [illegible]

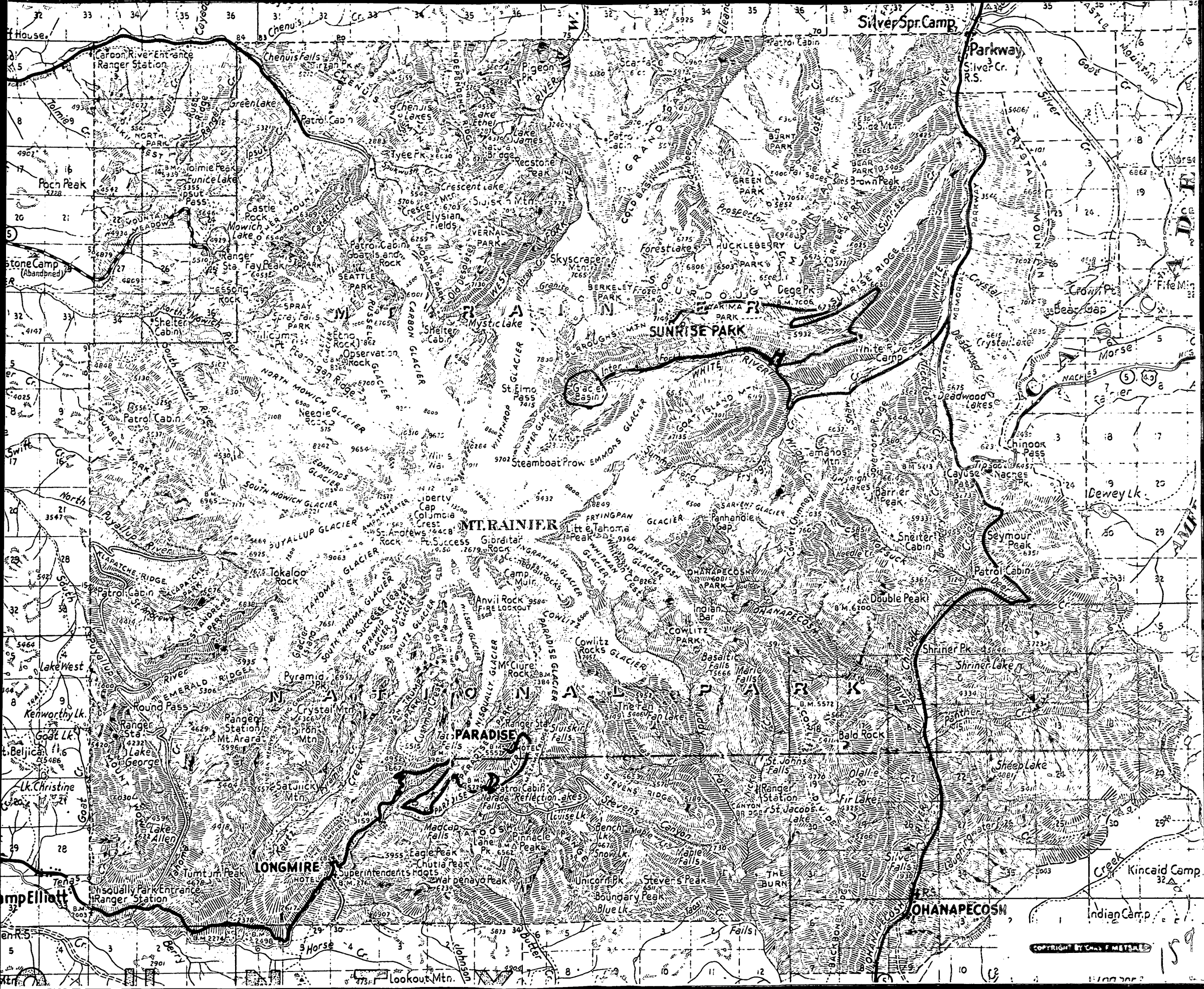
Tymber at #5 [illegible]

Angles

W off the [illegible] Have [illegible]

$16 x 20 = 320 + 6 days for [illegible]

11 miles SE of [illegible]


Carbon River Entrance Ranger Station
Chenuis Falls
Chenuis Lakes
Pigeon Pk
Scarface
Silver Spr. Camp
Parkway
Silver Cr. R.S.
Greenlake
Patrol Cabin
Lake Ethel
Lake James
Tyee Pk
Recstone Peak
Crescent Lake
Crescent Mtn
Elysian Fields
Tolmie Peak
Eunice Lake
Ipsut Pass
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Castle Rock
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Fay Peak
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Shelter Cabin
Spray Falls
Tillicum Pt
Ptarmigan Ridge
Patrol Cabin
Goat Island Rock
Skyscraper Mtn
Old Desolate
Mystic Lake
Shelter Cabin
Etna Rock
Observation Rock
Needle Rock
Forest Lake
Huckleberry Park
Deege Pk
Yakima Park
SUNRISE PARK
White River Camp
Frozen Lake
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Mt. Ruth
Steamboat Prow
Gibraltar Rock
Little Tahoma Peak
Panhandle Gap
Sniter Cabin
Seymour Peak
Patrol Cabin
Double Peak
Indian Bar
Cowlitz Park
Cowlitz Rocks
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Shriner Lake
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Laughingwater Creek
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Crystal Lake
Bear Gap
Crown Pt
Morse
Chinook Pass
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Nacches Pk
Dewey Lk
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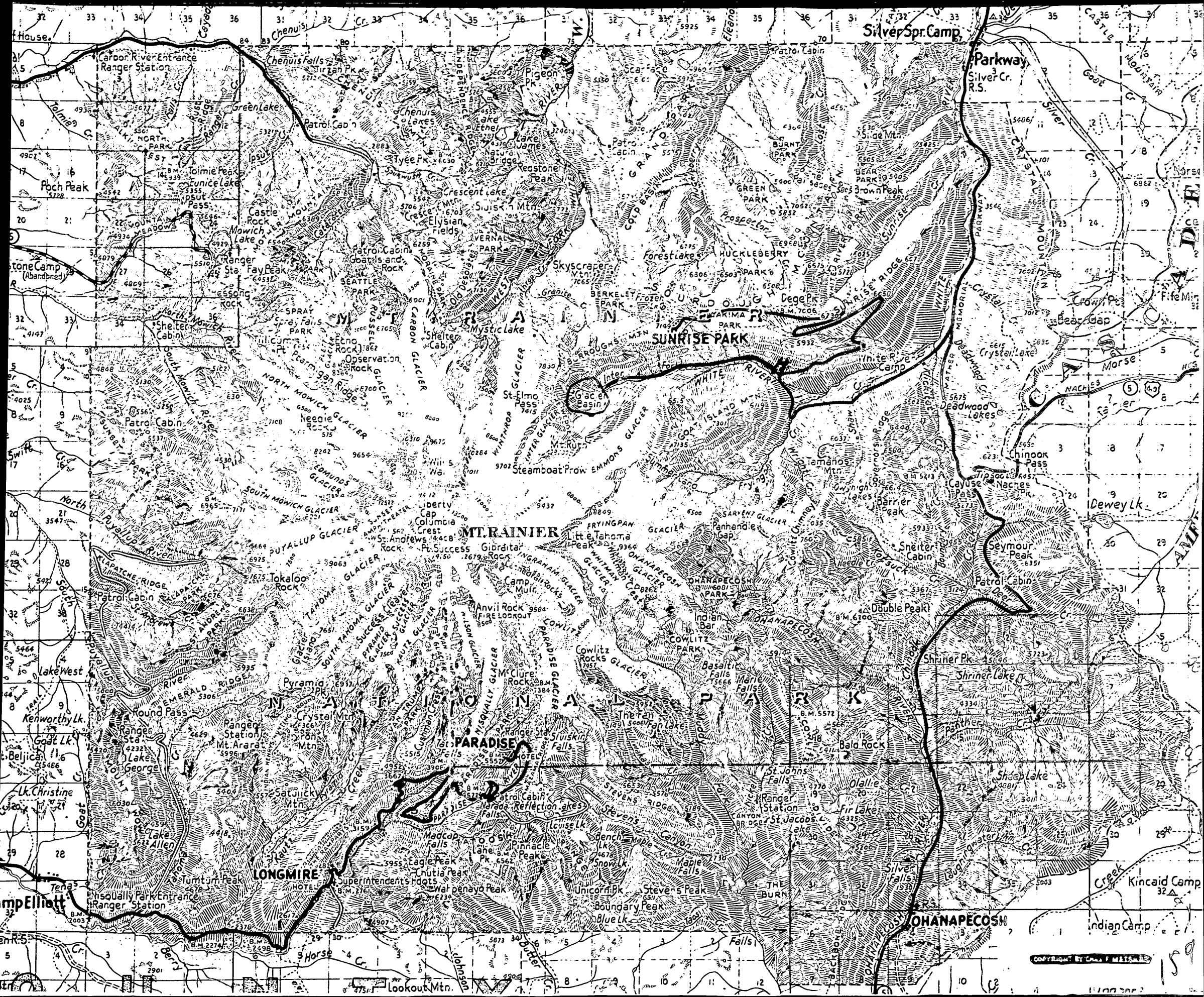
Fallsi
Copyright by Chas. F. Metsker


Carbon River Entrance Ranger Station
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Steamboat Prow
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Little Tahoma Peak
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Camp Muir
Anvil Rock Fire Lookout
Cowlitz Rocks
McClure Rock
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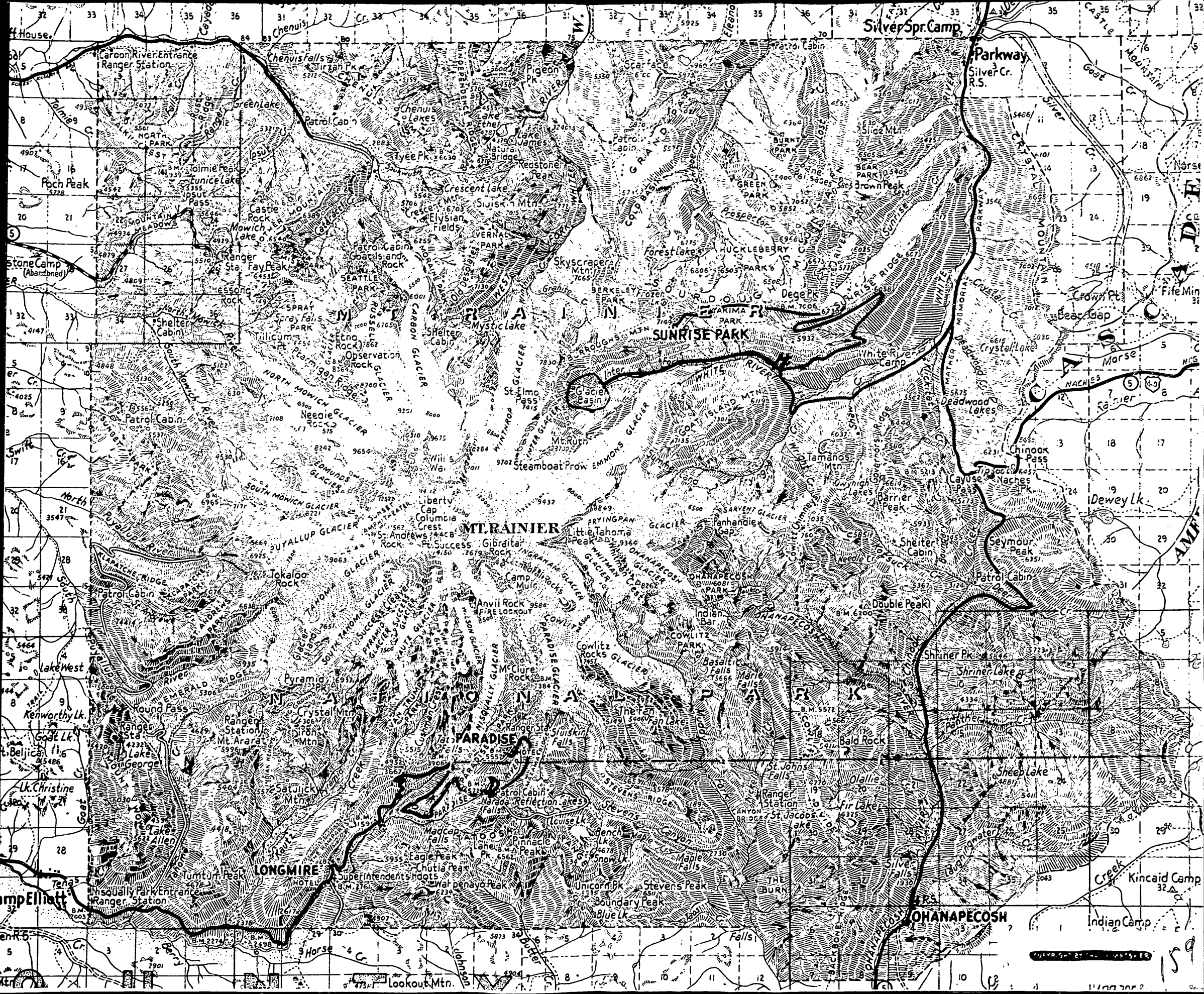
Morse Cr.
Goat Cr.
Cowlitz Cr.
Ohanapecosh Cr.
Nisqually Cr.
Paradise River
Stevens Canyon
Tatoosh Range
Cowlitz Chimneys
Needle Cr.
Deer Cr.
Panther Cr.
Sunset Park
Sunset Amphitheater
Liberty Cap
Columbia Crest
St. Andrews Rock
Pt. Success
Tokaloo Rock
Klapatche Ridge
Emerald Ridge
Pyramid Peak
Success Glacier
Pyramid Glacier
Kautz Glacier
Tahoma Glacier
South Tahoma Glacier
Puyallup Glacier
South Mowich Glacier
North Mowich Glacier
Edmunds Glacier
Russell Glacier
Carbon Glacier
Winthrop Glacier
Inter Glacier
Emmons Glacier
Ingraham Glacier
Cowlitz Glacier
Paradise Glacier
Nisqually Glacier
Fryingpan Glacier
Sarvent Glacier
Ohanapecosh Glacier
Cowlitz Rocks Glacier
Ptarmigan Ridge
Needle Rocks
Observation Rock
Mystic Lake
Shelter Cabin
Spray Falls
Tilcum Pt
Granite Cr
Frozen Lake
Berkeley Park
Seattle Park
Old Desolate
Mowich Lake
Ranger Sta
Fay Peak
Essong Rock
Cataract Cr
Cowlitz Park
Ohanapecosh Park
Indian Bar
Basaltic Falls
Marie Falls
The Fan
Fan Lake
Sluiskin Falls
Tatoosh Falls
Madcap Falls
Cowlitz Chimneys
Copyright by Chas. F. Miller


MT. RAINIER
NATIONAL PARK
Carbon River Entrance Ranger Station
Chenuis Falls
Silver Spr. Camp
Parkway
Silver Cr. R.S.
Tolmie Peak
Eunice Lake
Poch Peak
Ipsut Pass
Castle Rock
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Patrol Cabin
Goat Island Rock
Crescent Lake
Elysian Fields
Siuslaw Mtn.
Keastone Peak
Natural Bridge
Lake James
Lake Ethel
Pigeon Pk.
Tyee Pk.
Mystic Lake
Skyscraper Mtn.
Forest Lake
Huckleberry Park
Burnt Park
Bear Park
Brown Peak
Green Park
Prospector
Dege Pk.
Sunrise Park
Yakima Park
White River Camp
Crystal Lake
Crown Pt.
Bear Gap
Fife Min.
Morse
Deadwood Lakes
Chinook Pass
Cayuse Pass
Naches Pk.
Dewey Lk.
Seymour Peak
Barrier Peak
Panhandle Gap
Sheiter Cabin
Double Peak
Shriner Pk.
Shriner Lake
Bald Rock
Sheep Lake
Olallie
Fir Lake
St. Jacobs Lake
Silver Falls
Kincaid Camp
Indian Camp
Ohanapecosh
Tamanos Mtn.
Owyhigh Lakes
Needle Cr.
Indian Bar
Cowlitz Park
Basalt Falls
Marie Falls
Cowlitz Rocks
McClure Rock
Anvil Rock
Fire Lookout
Camp Muir
Gibraltar Rock
Little Tahoma Peak
Fryingpan Glacier
Steamboat Prow
Mt. Ruth
Goat Island Mtn.
Glacier Basin
St. Elmo Pass
Mystic Lake
Shelter Cabin
Observation Rock
Needle Rock
Patrol Cabin
Liberty Cap
Columbia Crest
St. Andrews Rock
Pt. Success
Tokaloo Rock
Pyramid Pk.
Round Pass
Ranger Station
Mt. Ararat
Crystal Mtn.
Iron Mtn.
Satsilick Mtn.
Lake Allen
Lake West
Kenworthy Lk.
Goat Lk.
Lake of George
Lk. Christine
Tumtum Peak
Nisqually Park Entrance Ranger Station
LONGMIRE
Superintendents Roots
Eagle Peak
Chutla Peak
Wapenayo Peak
Madcap Falls
Pinnacle Peak
Louise Lk.
Reflection Lakes
Narada Falls
PARADISE
Stevens Canyon
Maple Falls
Stevens Peak
Unicorn Pk.
Boundary Peak
Blue Lk.
Lookout Mtn.
Horse Cr.
Butter Cr.
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Berry
Tenas
Elliott
Lake West
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Stevens Ridge
Sunrise Ridge
Emerald Ridge
Tatoosh Range
Backbone Ridge
Nisqually Glacier
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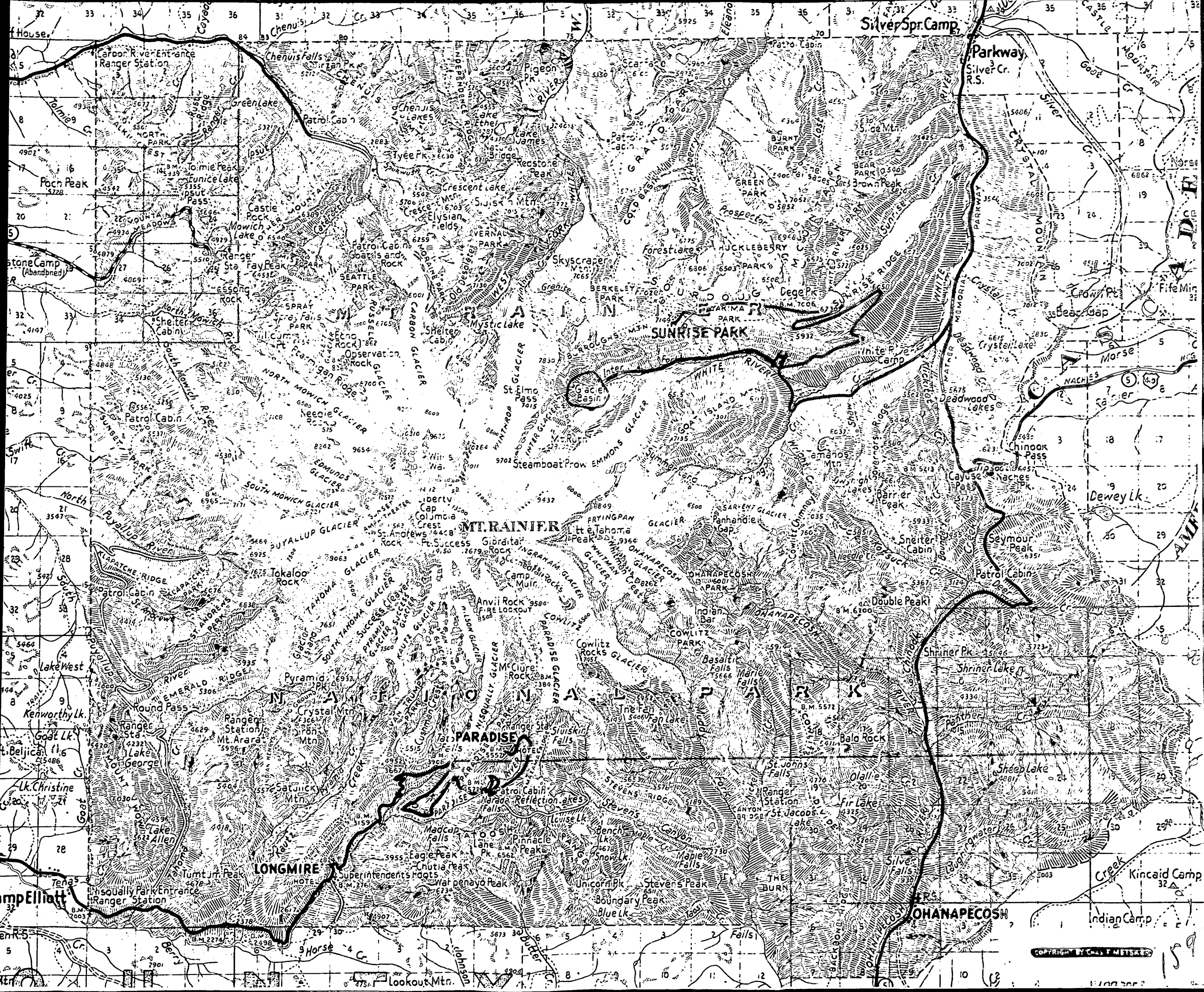
Puyallup Glacier
Carbon Glacier
Winthrop Glacier
Emmons Glacier
Ingraham Glacier
Nisqually River
Puyallup River
Carbon River
Cowlitz River
White River
Silver Cr.
Goat Cr.
Chenuis Cr.
Ipsut Cr.
Mowich River
Deadwood Cr.
Chinook Cr.
Laughingwater Creek
Nisqually River
Ohanapecosh River
Cayuse Pass
Naches Pk.
Tipsoo Lk.
Dewey Lk.
Seymour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Skyscraper Mtn
Forest Lake
HUCKLEBERRY MOUNTAIN
Dege Pk
Mystic Lake
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SUNRISE PARK
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Sneiter Cabin
Panhandle Gap
Liberty Cap
Columbia Crest
MT. RAINIER
Little Tahoma Peak
Gibraltar Rock
Tokaloo Rock
Camp Muir
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Indian Bar
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Basalt Falls
Marie Falls
Shriner Pk
Shriner Lake
Pyramid Pk
Round Pass
Crystal Mtn
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Mt. Arara
Iron Mtn
Tatoosh Falls
PARADISE
Sluiskin Falls
Tahn Fan Lake
Balo Rock
Panther Cr
Lake George
Satulick Mtn
Patrol Cabin
Narada Falls
Reflection Lakes
St. Johns Falls
Ranger Station
St. Jacobs Lake
Olallie
Sheep Lake
Fir Lake
Lake Allen
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Eagle Peak
Chutla Peak
Pinnacle Peak
Bench Lk
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Wapenayo Peak
Nisqually Park Entrance Ranger Station
Unicorn Pk
Boundary Peak
Blue Lk
Stevens Peak
THE BURN
OHANAPECOSH
Indian Camp
Lookout Mtn
Lake West
Kenworthy Lk
Goat Lk
Lk. Christine
Lake Allen
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Horse Cr
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Ingraham Glacier
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Sarvent Glacier
Ohanapecosh Glacier
Stevens Canyon
Stevens Ridge
Sunrise Ridge
Emerald Ridge
Klapatche Ridge
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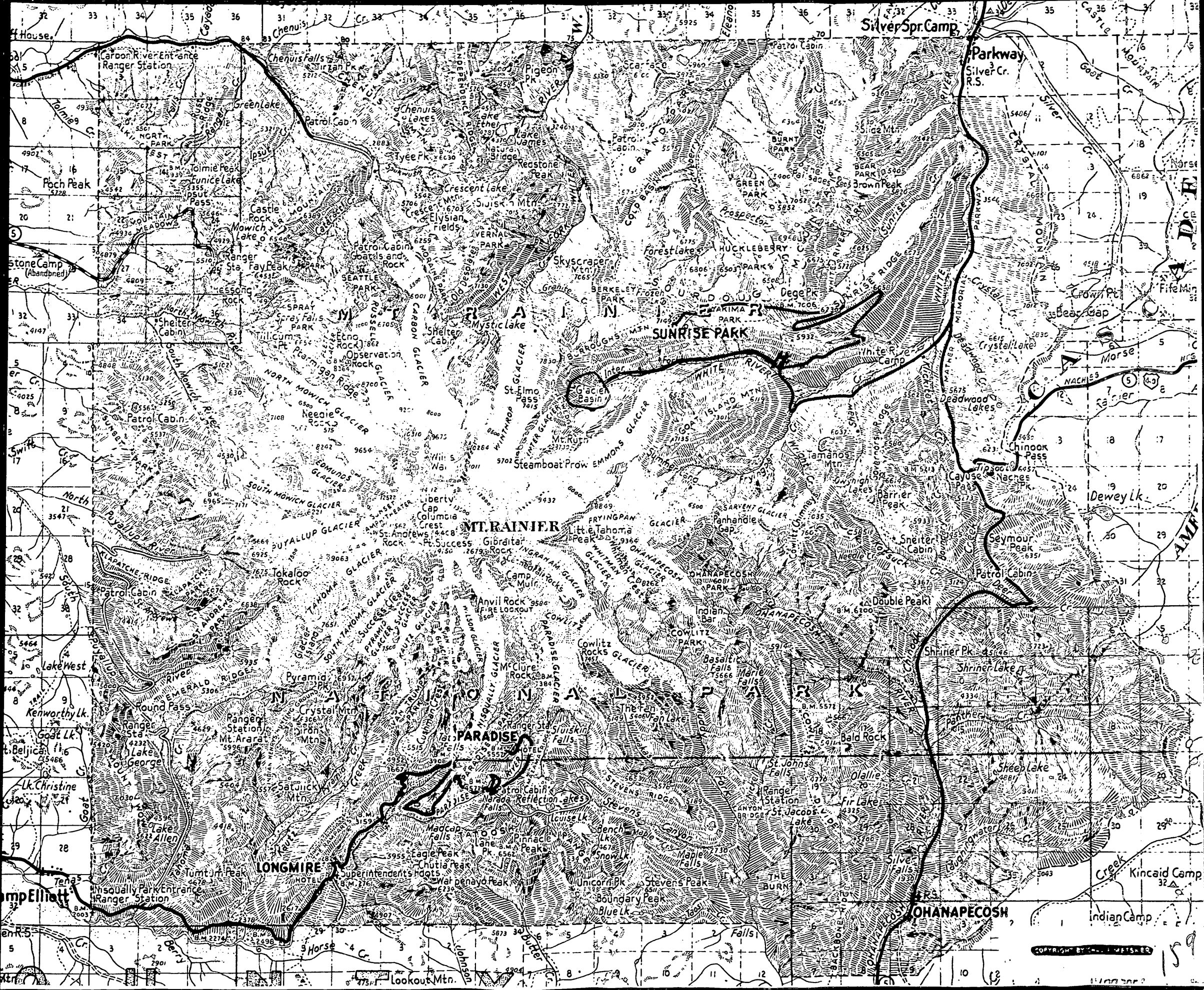
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Kotsuck Cr.
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Mountain Meadows
Ipsut Pass
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Kautz Cr.
Butter Cr.
Johnson Cr.
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Berry Cr.
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Emmons Glacier
Winthrop Glacier
Carbon Glacier
Russell Glacier
Puyallup Glacier
Fryingpan Glacier
Sarvent Glacier
Ohanapecosh Glacier
Cowlitz Chimney
Copyright by Kolb & Metsker

Seattle, Washington

August 30, 1951

Bureau of Mines

Washington D.C.

Gentlemen:

The enclosed clippings were found in a local newspaper and so gives us the incentive to propose to act as agents for the proposed critical minerals necessary in the war effort.

We have 8 patened claims that contain many of these minerals, copper principally, molybdenum, gold, silver, and etc. The property has been under ligigation for 19 years so much of the exploration consisted of several tunnels from 275 ft. to 900 ft. in length and contacted the ore. The timbering has given away during these idle years but now that we have a clear title, we have been and are making efforts to re-explore, clearing tunnels to prove that we have the ore in 3 of the five tunnels. The last tunnel is 800 ft. below the other two tunnels that are on the ore body, giving values up to $60 per ton. tis is in 650 or 662 ft. and is yet 300 to 600 ft. from the ore body as the slant is hard to calculate.

We just came down from these claims a few days ago and we took samples from the dump that has several hundred tons of mineralized formation. Am enclosing the assay we just received from them.

We have applied for an Exploration Loan and hope to get it. The Company is short of working capital but we have the line up of a mining engineer, tunnel men, assayers, prospectors, car, horseback, packing experience and have many leads to prospect in the Cascades or in the Rockies south of Butte, Montanna. We can get the men and if the money is furnished we can get the mineral

The office at its present site, 300 Palamar Bldg., Seattle, Wn. is quite small but we can obtain larger quarters if necessary.

We notice that Jess Larson is to head this undertaking. Would you please refer this communciation to him? Also the Loan mentioned. Time is wasting and fall will soon be here. Mining and prospecting are best carried on during good climatic conditions.. Hope to hear from you soon.

Respectfully,

Mount Rainier Ming Company Inc

300 Palomar Bldg. Seattle, Wn.

By: /s/ Ole Oakland

Ole Oakland, Sec. & Treas.
1627 - 15th Ave.
Residence Seattle, Washington (22)

C O P Y

Agency To Gather Critical Goods

WASHINGTON, Aug. 28.—(U. P.)—President Truman today created by executive order a new agency to take full charge of obtaining critical and strategic materials for the defense effort and nominated General Services Administrator Jess Larson to head it.

The new agency, to be known as the Defense Materials Procurement Agency, will have broad powers to buy and sell materials and promote their production both in the U. S. and abroad.

House, no
lower cha
minor changes.

Senate passage e a r a futile two-day Republican fight for mandatory controls on East-West trade. A substitute by Senator Kem (R. Mo.), for mandatory curbs was defeated 44 to 27.

WOULD CUT AID—

The administration-backed Battle bill would cut off military as well as economic aid to America's allies if they shipped war materials behind the Iron Curtain. However, it would give the President discretion to make exemptions on shipments other than atomic energy materials, arms and ammunition.

Disposal of the bill cleared the way for the Senate to open debate Wednesday on the 7 billion 535 million dollar foreign aid bill,

Senate Foreign Re

At Olympic Foundry

Phone RAinier 7123

METALLURGICAL LABORATORY

WILLIS H. OTT

ASSAYERS
Umpire and Smelter Control

METALLURGISTS
5200 AIRPORT WAY
SEATTLE 8

CHEMISTS
Physical and Chemical Testing

6081

No. 2466 **CERTIFICATE OF ANALYSIS** Date Aug. 23, 1951

Submitted by Mt Rainier Mining Co.

QUALITATIVE SPECTROGRAPHIC ANALYSIS

Element	Estimated Quantity
Silicon, Aluminum	Main Constituents
Iron	10%
Calcium	1 - 10%
Magnesium	1 - 10%
Potassium	1%
Sodium	0.1 - 1.0%
Manganese	0.1 - 1.0%
Titanium	0.1 - 1.0%
Barium	0.01 - 0.1%
Molybdenum	0.01 - 0.1%
Copper	0.01 - 0.1%
Strontium	0.01 - 0.1%
Chromium	0.01 - 0.1%
Vanadium	0.01%
Nickel	0.001%
Boron	trace
Lead	trace
Gallium	trace
Tin	trace
Zirconium	trace
Cobalt	trace

Sample assays [illegible] Picked on Dump of Tram [illegible] No 5 not yet [illegible] one [illegible] [illegible] the [illegible] [illegible]

Estimated Quantities to the nearest Factor of Ten.

METALLURGICAL LABORATORY.

Willis H. Ott

1697

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping Point Enumclaw, Wn.

Tacoma, Wash. Dec. 29, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS DRY Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
2236		79192	68,920	0.25	68,748	34.374		0.055	3.76	11.37

	BASIS OF SETTLEMENT Gold 95% Per Oz.	Silver 95 % N.Y.Qt.	Lead As % Per Lb.	Copper Treatment Less 1.3% Per Ton Per Lb. Qt.		Net Price Per Ton	AMOUNT Dollars Cts.
				32.458¢ Less 3¢			
	20	75 3/4		29.458	3.00	60.08	2065.19
Arrived Sept. 25, 1916				Freight		41.09	
				Paid a/c 10/6		755.35	
				Cost of Umpire		10.00	
FINAL SETTLEMENT				Paid a/c 12/22		250.00	
				" " 10/23		6.85	1063.29
				FINAL DUE			1001.90

We aim to accept the Trade Terms over Class 1 & Reconstruction Process Rock is all Dry and

TACOMA SMELTER
AMERICAN SMELTING & REFINING COMPANY

Tacoma, Washington October 22, 1927

BOUGHT OF Mr. Rainier Mining Co., Enumclaw, Wash.

MATERIAL Ore

Amelter Lot 2702

Date Received 10/13

Car or Vessel Own Truck

Quotation Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY	VALUE PER TON		
		.03	Gold 100% at 19.00	.57	
Net Wet Weight	96,900	2.38	Silver less 1/2 At 55 7/8	1.05	
Less 2.22% Moisture	2,151	13.50	Wet Copper 270.0 Less 26 Lbs.		
Net Dry Weight	94,749		244 Lbs. at 10,025	24.46	
			Gross Value	26.08	
			Treatment	4.00	
Net Tons	47.374		Net Value	22.08	1,046.08

Net Proceeds 1,046.08

This Tunnel needs Cleaning up of some Ore in and Dumping (Emptying the shaft)

TACOMA SMELTING COMPANY

Bought of Mr. Rainier Mining Co.
Shipping point Enumclaw, Wash.

Tacoma, Wash. June 8, 1916

Lot No.	Description of Ore	Car No. or Vessel	WEIGHT IN POUNDS Wet Weight	% Moisture	Dry Weight	WEIGHT IN TONS Dry Tons	Dec.	ASSAY PER TON Gold Ounces	Silver Ounces	Copper Percent
1056		61410	20,160	0.4	20,079	10.039		0.05	4.40	12.77

BASIS OF SETTLEMENT Gold 95 % Per Oz.	Silver 95 % N.Y.Qt.	Lead % Per Lb.	Copper Less 1.3% Per Lb. Qt.	Treatment Per Ton	Net Price Per Ton	AMOUNT Dollars Cts.
			28.5¢ Less 3¢			
20	75 1/2		25.5	3.00	59.60	598.32

This Tunnel is high up
and the Previous Shipment
shown ore in tunnel 80
feet below (Refunded by
same Rain

Arrived May 19, 1916

an old assay
But this has recently been mined its a no 1

Exploration Report Mt Rainier Gem 5000

OFFICE AND LABORATORY
ROOMS 34-35 ROXWELL BLOCK, 2d FLOOR
Over J. Redelsheimer & Co., Clothiers
ENTRANCE: 106 COLUMBIA STREET
BETWEEN FIRST AND SECOND AVES.
OPPOSITE BRUNSWICK HOTEL
WELLS FARGO, GREAT NORTHERN AND
AMERICAN EX. CO.S' OFFICES

CERTIFICATE OF ASSAY

C. H. VOLL ASSAYER AND CHEMIST
ESTABLISHED 1881

TELEPHONE BLACK 7154

Removed to 113 Columbia St. bet. 1st and 2nd A.
ROOMS 5 - 6 - 7 & 8

Mr. Mount Rainier Mng Co

SEATTLE, WASH., Sept 27 1906

Dear Sir: The ____ sample of ____ ore submitted to me for assay ____ results as follows (per ton of 2,000 lbs.):

ASSAY MARK: 6 foot					ASSAY MARK: 40 foot tunnel					ASSAY MARK: Molybdenite.					ASSAY MARK:				
NO. 2					NO. 10					NO.					NO.				
METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.	METALS	OUNCES PER TON	DEC.	VALUE DOLLS.	CTS.
GOLD		43	8	60	GOLD		34	6	80	GOLD		27	5	40	GOLD				
SILVER		96		58	SILVER		77		46	SILVER		42		25	SILVER				
	PER CENT	100				PER CENT	100				PER CENT	100				PER CENT	100		
COPPER	%24	31	72	93	COPPER	%27	68	83	04	COPPER	% 2	12	6	36		%			
LEAD					LEAD					LEAD									
										Tellurium		07	—						
										Molybdenum	34	61	1211	35.					
		100					100					100					100		
TOTAL VALUE PER TON	%		$ 82	11	TOTAL VALUE PER TON	%		$ 90	30	TOTAL VALUE PER TON	%		$1,223	36	TOTAL VALUE PER TON	%		$	

MARKET VALUATION

Gold @ $20.67 per oz. Copper @ $.15 per lb. Molybdenum @ $1.75 per lb.
Silver @ $.60 per oz. Lead @ $ ____ per lb. ____ @ $ ____ per lb.

C. H. Voll, Assayer

1608X

PROSPECTUS ON

MOUNT RAINIER MINING COMPANY

(A Washington Corporation)

CAPITALIZATION $300,000

COMMON STOCK
(30¢ Par Value)
NON-ASSESSABLE

HOME OFFICE SEATTLE, WASHINGTON
4046 Arcade Building

AUGUST 1948

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"Because these securities are believed to be exempt from registration they have not been registered with the Securities and Exchange Commission but such exemption, if available, does not indicate that the securities have been either approved or disapproved by the commission or that the commission has considered the accuracy of completeness of the statements in this communication."

PAST HISTORY OF THE COMPANY

The history of the company dates back to its predecessor of the same name, which was incorporated in the State of Washington, on January 16, 1905. Extensive work was done on the mining claims acquired by this corporation at intervals from that time for a period of about 20 years. The work consisted mainly of a number of long drifts, raises, open cut and in general the prospecting of the property to a considerable extent. Copper was apparently found in good quantities as was some gold and molybdenum ore. The company after getting a fairly good start ran into many difficulties, mainly financial, and mining operations were suspended, and the properties since that time have lain practically dormant. After numerous attempts by former stockholders to rehabilitate the corporation, all without success, in 1937 Ole Oakland, one of the stockholders, came to the State of Washington with the express intention of putting the mine in operation. He contacted all of the former stockholders and obtained contributions and donations in the amount of $6,866.00, which funds were held in trust by him for the purpose of paying the costs and operations of a new corporation to be formed to further explore and develop the properties. The former Mount Rainier Mining Company was disfranchised through dispayment of its corporate tax in July, 1932. A great deal of the work done by the former company on the properties is inuring to the benefit of the present corporation, there being a number of drifts opened and in some places the ore body contacted.

CURRENT HISTORY OF THE COMPANY

The new corporation was organized July 5, 1946, and incorporated under the laws of the State of Washington, its capitalization being 300,000 shares of Common Stock at a par value of 30¢ per share. At the present time there is outstanding 118,316 shares which were either sold for cash to the former stockholder of the old corporation or given in exchange for work and services rendered in the new corporation. There are 10,800 shares of stock being held in escrow as required by the Director of Licenses of the State of Washington. This corporation is presently making an offering of 100,000 shares of non-assessable Common Stock at $1.00 per share aggregating $100,000.00, under the exemption provided by Regulation of the Securities Act of 1933. The underwriting, discounts and commissions will not exceed $25,000.00 or at the rate of 25¢ per unit. The corporation owns 8 patented claims in the Glacier Park District of the Mount Rainier National Park. Some preliminary work and considerable money have been expended on the property since the incorporation of the present company. Drifts have been partially cleaned out, buildings rehabilitated for the shelter of the working men and the property put in working condition. Negotiations have been entered into with the Park Department for the opening of the road into the property.

CONTEMPLATED OPERATIONS

The company has obtained the services of Mr. George C. Westby, Mining Engineer and Geologist, and his report dated October 10, 1947, states partly as follows:

"It is suggested that installation of suitable pneumatic equipment and two shift operations would be under the conditions obtaining on the property, the greatest long way economy the company should consider in way of preparation.

As to the recommendations made by Mr. Westby he specifically recommends that the following work be done:

(1) The management has taken definite steps to economically cut the vein at depth - at about elevation 6000 ft.

(2) Most of the work has centered at the cross cut tunnel #5. A working operation now 650 ft. in from the portal.

(3) The ground about the portal of #5 tunnel has been cleared, the tunnel is drained and rock removed up to a "cave-in" about 215 ft. from the portal. Essential replacement of rotting sets are being made. Well constructed quarters for the working force, near the portal of #5 "working" tunnel is in use, and are at this juncture, very convenient and economical of time, money and working energy.

(4) An important fact is that #5 tunnel is at this time probably the most valuable asset of the development work. The decision of the management to avoid haphazard diversion of funds and labor in different directions and center every effort on #5 crosscut tunnel, is justifiable. First, because proof of the ore at depth is essential to all future planning. Second, because drifting on the vein when reached, is necessary to determination of the probable scope of all future operations. No useful design for power development, milling or smelting, can be made before the indicated work is done. No. 5 tunnel is now in 650 feet in direction of the objective and the speed with which the rest of the distance is made will certainly have much to do with the fortunes of the Company.

This is the intention of the officers of the corporation to proceed along with the plan outlined by Mr. Westby. The assays taken on the property as shown in the Certificate of Assay by Falkenberg & Laucks, Assayers, Seattle, Washington, dated August 10, 1917, and based upon the value of minerals at that time, assay shown on the following copy of the Assay report. The Tacoma Smelter Report dated October 22, 1927 showed that the former company shipped from this property 94,749 pounds of ore for smeltering, and the company received therefrom a net of $1,046.02. Such reports as these would indicate that the properties, if properly managed and adequately financed, would show an adequate return on the investing capital.

THE PURPOSE OF FINANCING

The net proceeds from the offering will be used for exploration, development and allied work on certain mining claims owed in fee by this Company. It is the intention of the directors of the corporation to drive the No. 5 Crosscut Tunnel at the lower level to the ore body as the immediate work to be done. The tunnel is now in operation and about 650 ft. in and was cleaned out in 1947 up to 215 ft.

It would require 1,000 more feet of tunnel to reach the center vein of the lode by passing directly under the No. 2 and No. 3 Tunnel in which the ore has been contacted. It will be realized that many thousands of dollars were spent in the past to establish the known value of the ore in these tunnels and the directors believe it to be the expedient plan to capitalize so far as possible upon the money expended and the work done by the former corporation.

oooooooooooooooooooooooooooooooo

OFFICERS and DIRECTORS

H. A. Peterson, President
T. Oakland, Secretary-Treasurer
Ole Oakland, Director
Albert H. Bodelson, Director

STATEMENT AS TO THE LEGAL TITLE IN THE PROPERTY

"I have examined the title to the following described mining claims located in Mount Rainier National Park and embracing a portion of approximately Township 16 North, Range 9 to the Willamette Meridian, Pierce County, Washington. Claims are known as the Orinda, Peach, and Snowflake, United States Survey No. 1148 and Washington No. 1, Washington No. 2, Stronghold No. 1 and Stronghold No. 2 and Mary Lode Claims, United States Survey No. 1149. It is my opinion that the titles to the property are merchantable and that the title to the fee is now vested in the Mount Rainier Mining Company.

Signed Harold J. Shea,
Attorney at Law
Seattle, Washington

The management of the Company is in the hands of responsible men with varied and wide experience in business, the officers having been elected for a period of one year, none of whom will receive a salary as such officers. It is their purpose to give the best management and they intend to employ engineers, attorneys, and auditors on a reasonable basis in proportion to the services rendered. It is the feeling of the directors and officers that the properties of the Company can be operated in a manner that will be satisfactory to the stockholders and in the best interests of all concerned in order that the greatest return can be obtained from the minerals extracted. It is felt that the opportunity to invest in Mount Rainier Mining Company is an unusual one and should be profitable to those who purchase the initial stock being offered at the present time, and with the successful operation of the mine they should obtain an excellent return on their investment.

oooooooooooooooooooooooooooo

TACOMA SMELTER
American Smelting & Refining Company

Tacoma, Washington, October 22, 1927

Bought of: Mt. Rainier Mining Co.
Enumclaw, Washington

Smelter Lot: 2702 Material: Ore
Car or Vessel: Own Truck Date Received: 10/13
Quotation: Silver 55 7/8 Copper 13.025 Less 3 cents 10.025 cents

GROSS WEIGHT		ASSAY			VALUE PER TON	
Less sacks		.03	Gold 100%	at 19.00	.57	
Net Wet Weight	96.900	2.38	Silver Less ½	at 55 7/8	1.05	
Less 2.22 % moisture	2.151	13.50	Wet Copper 270.0 less 26 lbs. 244 lbs.	at 10.025	24.46	
Net dry weight	94.749					
				Gross Value	26.08	
				Treatment	4.00	
Net Tons	47.374	at		Net Value	22.08	1,046.02

(COPY)

CERTIFICATE OF ASSAY

FALKENBERG & LAUCKS
Chemists--Metallurgists--Assayers

Certificate 170680

Seattle, Washington
August 10, 1917

We hereby certify that we have assayed the samples submitted to us by Mr. A. E. Bryan, and that they give the following results per ton of 2,000 pounds.

SAMPLES MARKED	GOLD		SILVER		COPPER		
	Oz. Troy per ton	Value per ton	Oz. Troy per ton	Value per ton	Per-cent	Value per ton	Total Value Per ton
No. 1 Lower Tunnel, 3 ft. Av. in stope	.10	2.00	4.8	3.80	15.7	84.80	90.60
No. 2 Upper tunnel 10 ft. Av. 210 ft. in	.02	.40	1.8	1.40	6.2	33.50	35.30
No. 3 Several pieces of phonolite	.01	.20	.2	.10			.30
No. 4 Outcrop No. 2 vein, Stronghold No. 1	.02	.40	2.4	1.90	7.8	42.10	44.40
No. 5 Selected ore from face of tunnel, Stronghold No. 1	.04	.80	1.8	1.40	29.9	161.50	163.70
No. 6 Lower tunnel, copper glance 355 ft. in	.07	1.40	7.6	6.10	25.4	137.20	144.70

Valuation:

Gold $20 per oz.

Silver - 80¢ per oz.

Lead---------

Copper - 30¢ per lb.

Respectfully,

FALKENBERG & LAUCKS
By A. Laucks

(It is understandable that the Directors are unable to state that the above Assays are average for the ore discovered or to be discovered in the workings of the mine)

MOUNT RAINIER MINING COMPANY

T. 16 N., R. 9 E., W.M.
Unsurveyed

MARY LODE
SUR. No. 1149

WASHINGTON No. 2 LODE
SUR. No. 1149

WASHINGTON No. 1 LODE
SUR. No. 1149

STRONGHOLD No. 2 LODE
SUR. No. 1149

STRONGHOLD No. 1 LODE
SUR. No. 1149

PEACH LODE
SUR. No. 1148

SNOWFLAKE LODE
SUR. No. 1148

REVEN LODE
SUR. No. 1148

ORINDA LODE
SUR. 1148

Bog House

To U.S.M.M. No. 1146

To U.S.M.M. No. 1148

S. 89°-19'-30" E. 3039.11

S. 68°-43' E. 3639.7

S. 71°-14' E. 4037.32

N. 87°-25' E. 3592.84

S. 62°-05' E. 1729.21

N. 30°-20' E. 1660.68

N. 72°-58' W. 1821

Purposed Camp Starbo
(4-675)
1.8-Acres

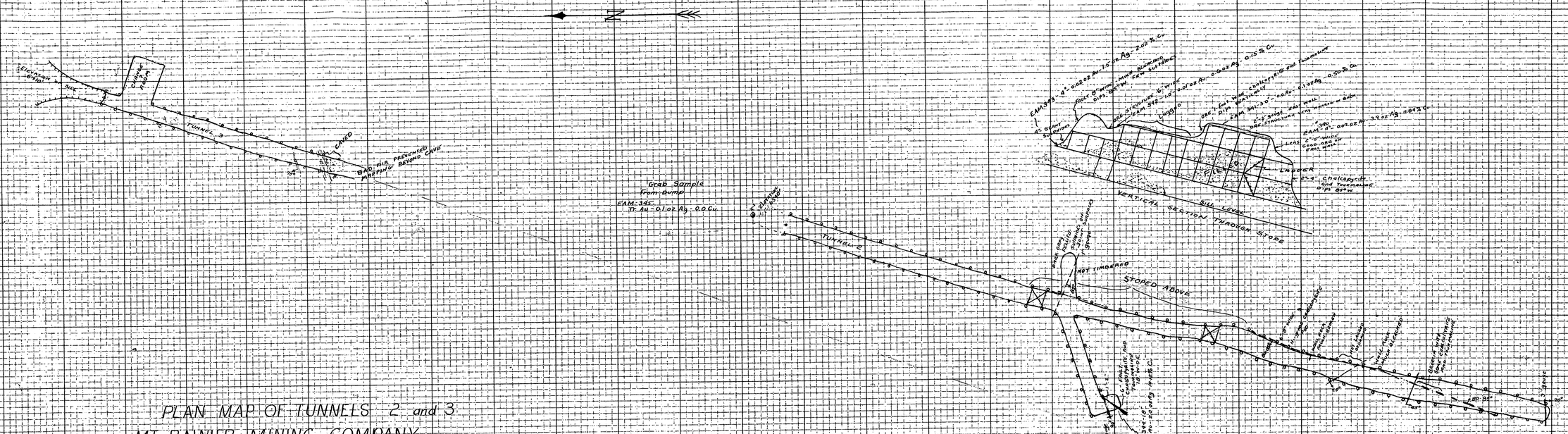
Purposed Lease
As Amended Total 16.3 Acres

Proposed Lease
7.3 Acres

Inter Fork Creek

STATEMENT OF OFFICE WORK	
Amount Deposited	$10.00
Cost of Office Work	45.36
Amount Refunded	54.64

STATEMENT OF OFFICE WORK	
Amount Deposited	$80.00
Cost of Office Work	41.45
Amount Refunded	38.55

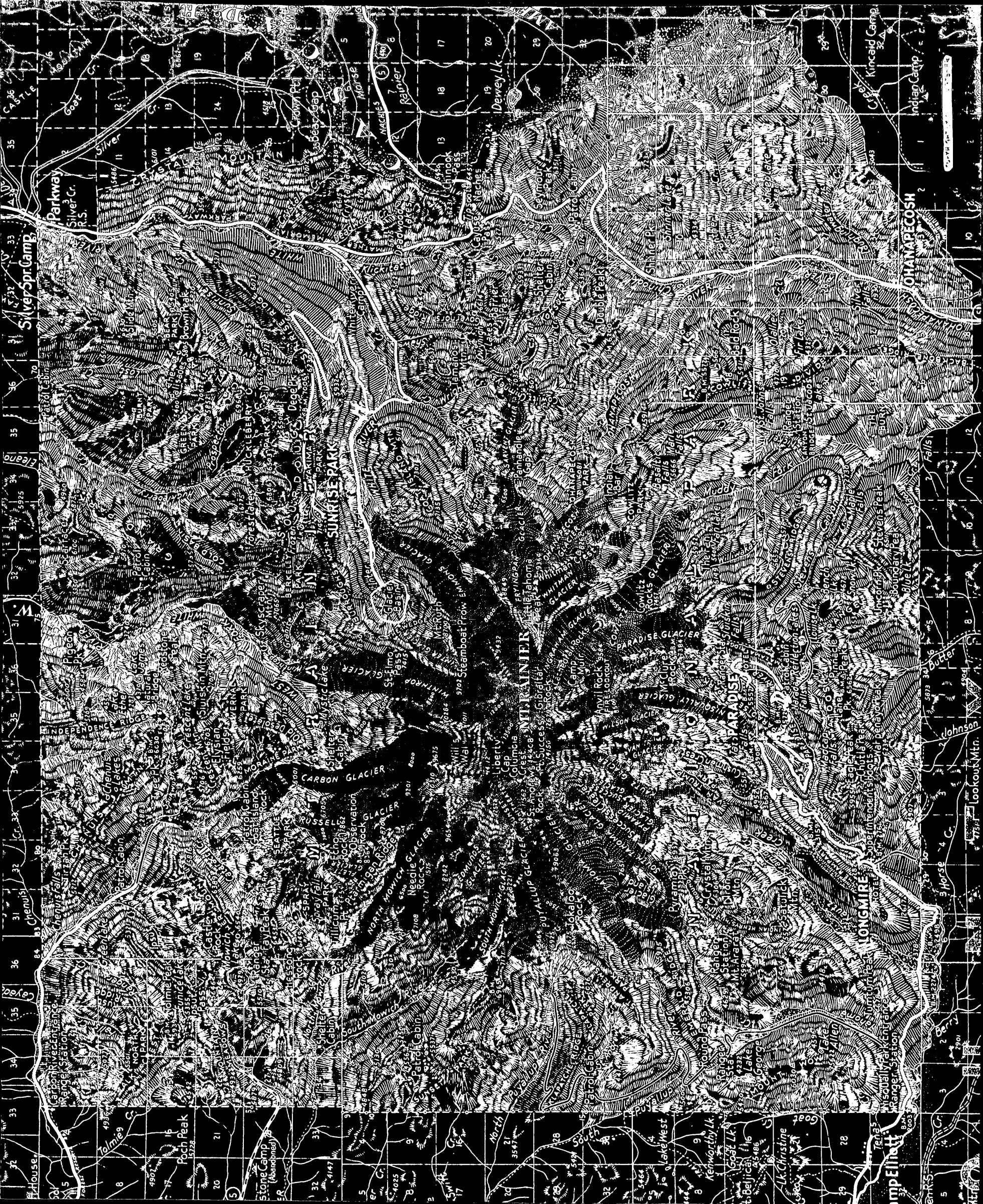


PLAN MAP OF TUNNELS 2 and 3
MT. RAINIER MINING COMPANY

PIERCE COUNTY, WASHINGTON

1-inch = 20 feet

TAPE & BRUNTON SURVEY 7/8/52 10/2/52
W.P. Puffett, USGS
E.A. Magill, USBM
EXCEPT WHERE NOTED ALL WORKINGS TIMBERED AND BACKS LAGGED.


Silver Spr. Camp
Parkway
Silver Cr. R.S.
Silver Cr.
Goat Cr.
CASTLE MOUNTAIN
CRYSTAL MOUNTAIN
Crown Pk.
Bear Gap
Morse
Rainier
Dewey Lk.
Chinook Pass
Cayuse Pass
Sunrise Pass
Shriner Pk.
Shriner Lake
Sheep Lake
Kincaid Camp
Indian Camp
Cr.
OHANAPECOSH
Ohanapecosh
Silver Falls
Stevens Peak
Boundary Peak
Blue Lk.
Maple Falls
Canyon
Butter
Johnson
Lookout Mtn.
Berry
Horse
Cr.
Fall R.
Elwha
Chenuis Falls
Chenuis Lakes
Chenuis
Gravel
Talmie
Poch Peak
Stone Camp (Abandoned)
Tatoosh Range
Ranger Station
Carbon River Entrance
Carbon River
Ranger Station
Mowich Lake
Ranger Station
Mowich Lake
Ranger Station
Fay Peak
Castle Rock
Tolmie Peak
Eunice Lake
Pass
Meadows
Greenlake
Ranger Station
Mt. Wow
Pyramid Peak
Ranger Station
Mt. Arara
Ranger Station
Mt. Rainier
Ranger Station
Longmire
Superintendent's Quarters
Nisqually Entrance
Ranger Station
Kautz Cr.
Nisqually
Kautz Falls
Paradise Ranger Station
Paradise
Paradise Lodge
Paradise Glacier
Nisqually Glacier
Wilson Glacier
Cowlitz Rocks
Cowlitz Glacier
Stevens Canyon
Ranger Station
Tatoosh Range
Ranger Station
Reflection Lakes
Louise Lk.
Stevens Canyon
Ranger Station
Ohanapecosh Park
Ohanapecosh Glacier
Ohanapecosh Cr.
Ohanapecosh Hot Springs
Ohanapecosh Ranger Station
Indian Bar
Owyhigh Lakes
Weed Lake
Double Peak
Shelter Cabin
Cayuse Pass
Tipsoo Pass
Chinook Pass
Dewey Lake
Crystal Lake
Deadwood Lakes
Rickreall Lake
Sunrise Park
Sunrise Lodge
Sunrise Ranger Station
Sunrise Camp
Berkeley Park
Huckleberry Park
Forest Lakes
Tipsoo Lake
Tatoosh Range
Ranger Station
Ranger Station
Ranger Station

MT. RAINIER
NATIONAL PARK
SUNRISE PARK
PARADISE
LONGMIRE
OHANAPECOSH
Carbon River Entrance Ranger Station
Chenuis Falls
Pigeon Pk.
Scarface
Patrol Cabin
Silver Spr. Camp
Parkway
Silver Cr. R.S.
Greenlake
Chenuis Lakes
Lake Ethel
Lake James
Natural Bridge
Redstone Peak
Tolmie Peak
Eunice Lake
Poch Peak
Castle Rock
Mowich Lake
Ranger Sta.
Fay Peak
Crescent Lake
Crescent Mtn.
Siuiskin Mtn.
Elysian Fields
Goat Island Rock
Hessong Rock
Spray Falls
Shelter Cabin
Tillicum Pt.
Mystic Lake
Observation Rock
Echo Rock
Needle Rock
Glacier Basin
St. Elmo Pass
Mt. Ruth
Steamboat Prow
Willis Wall
Liberty Cap
Columbia Crest
St. Andrews Rock
Pt. Success
Gibraltar Rock
Little Tahoma Peak
Camp Muir
Anvil Rock
Cowlitz Rocks
Tokaloo Rock
Pyramid Pk.
Round Pass
Crystal Mtn.
Iron Mtn.
Mt. Ararat
Lake George
Lake Allen
Satulick Mtn.
Tumtum Peak
Nisqually Park Entrance Ranger Station
Superintendents Roots
Wapenayo Peak
Eagle Peak
Chutla Peak
Madcap Falls
Narada Falls
Reflection Lakes
Louise Lk.
Pinnacle Peak
Bench Lk.
Snow Lk.
Unicorn Pk.
Boundary Peak
Blue Lk.
Stevens Peak
Maple Falls
Silver Falls
Laughingwater Falls
St. Johns Falls
St. Jacobs Falls
Olallie
Fir Lake
Sheep Lake
Bald Rock
The Fan
Fan Lake
Sluiskin Falls
Marie Falls
Basaltic Falls
Shriner Pk.
Shriner Lake
Panther Creek
Indian Bar
Double Peak
Seymour Peak
Patrol Cabin
Chinook Pass
Tipsoo Pk.
Naches Pk.
Cayuse Pass
Barrier Peak
Dewey Lk.
Tamanos Mtn.
Owyhigh Lakes
Panhandle Gap
Sheiter Cabin
Needle Cr.
Deadwood Lakes
Crystal Lake
White River Camp
Dege Pk.
Frozen Lk.
Forest Lake
Skyscraper Mtn.
Prospector
Huckleberry Park
Green Park
Burnt Park
Slide Mtn.
Brown Peak
Palisades
Crown Pt.
Bear Gap
Fife Mine
Kincaid Camp
Indian Camp
Log Spr.
Lookout Mtn.
Poch Peak
Stone Camp (Abandoned)
Lake West
Kenworthy Lk.
Goat Lk.
Beljica
Lk. Christine
Camp Elliott
Tenas
Swift Cr.
Tolmie Cr.
Chenuis Cr.
Carbon River
Mowich River
South Mowich River
North Mowich River
Puyallup River
South Puyallup River
Ohanapecosh River
Cowlitz River
Nisqually River
Paradise River
Stevens Canyon
Nisqually Glacier
Cowlitz Glacier
Ingraham Glacier
Emmons Glacier
Winthrop Glacier
Carbon Glacier
Puyallup Glacier
Tahoma Glacier
Success Glacier
Kautz Glacier
Edmunds Glacier
Fryingpan Glacier
Sarvent Glacier
Ohanapecosh Glacier
Horse Cr.
Johnson Cr.
Butter Cr.
Berry Cr.
Chinook Cr.
Silver Cr.
Goat Cr.
Morse Cr.
Rainier
Naches
Copyright by C. J. Metsker

MOUNT RAINIER MINING COMPANY

Pertaining to questions #21
in part - showing in red ink 3.8
miles of road from White river
camp H to Glacier Basin,
to be re-constructed and Maintained
by Mt. Rainier Mining Co.

U. S. Government Messenger Envelope

Standard Form No. 65 (Rev. 1/46)

1. Use blocks consecutively, one at a time.
2. Void previous block.
3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
~~Code 86.1~~	RUN STOP		RUN STOP
	RUN STOP		RUN STOP
Mr. Elzer Code - 350	RUN STOP		RUN STOP
Mr. Lo Werner Flat Lemine Br College Park MD.	RUN STOP		RUN STOP
~~Audits Mr. Fowler Room 2529 N. O.~~	RUN STOP		RUN STOP
Omea 1608 Mt. Rainier Mining	RUN STOP		RUN STOP
	RUN STOP		RUN STOP
	RUN STOP		RUN STOP
	RUN STOP		RUN STOP
	RUN STOP		RUN STOP

Send surplus envelopes to supply room for reissue.

Use other side

16—38949-2

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
	RUN
	STOP
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NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
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	STOP

Use other side first

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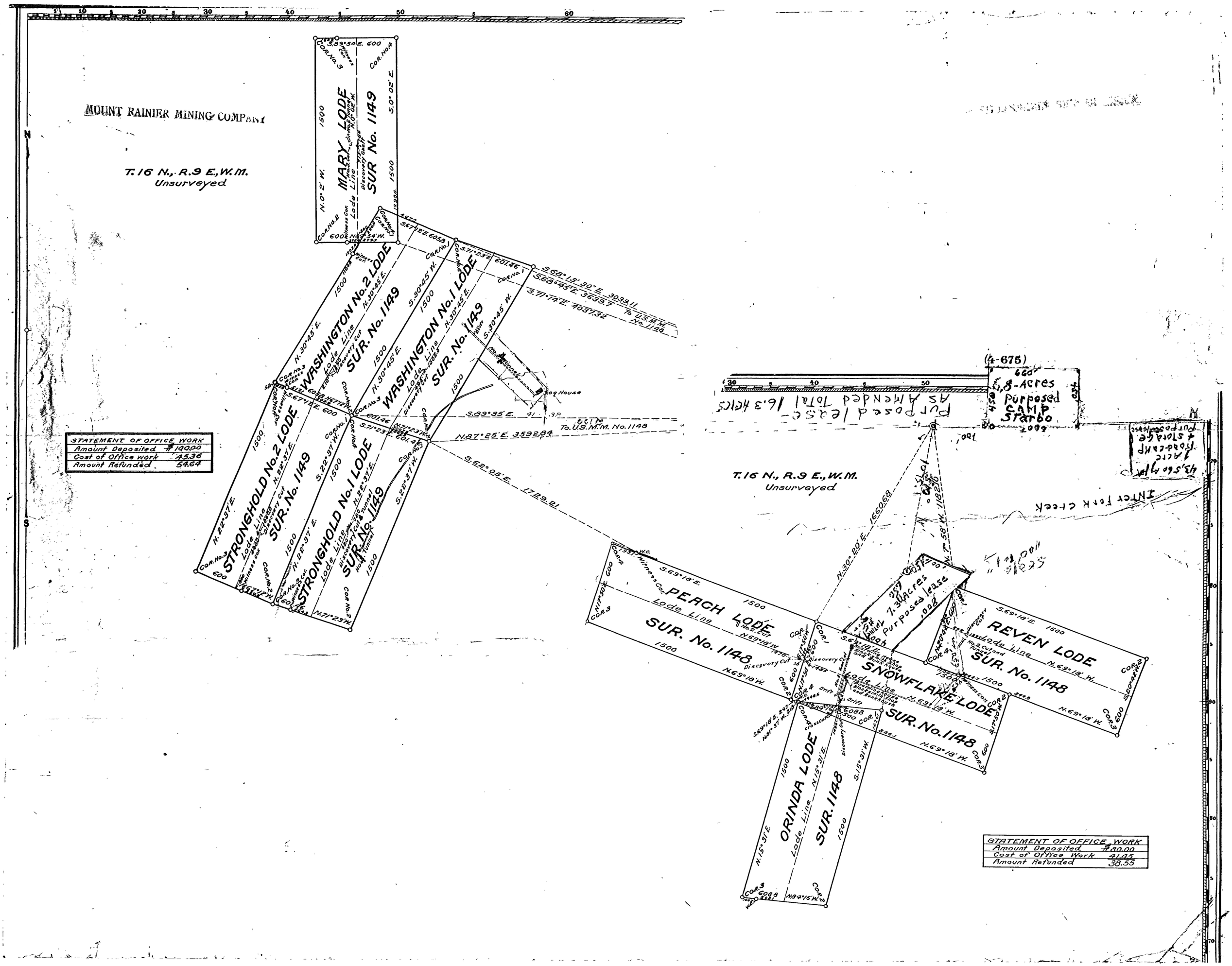

MOUNT RAINIER MINING COMPANY
T. 16 N., R. 9 E., W.M.
Unsurveyed
MARY LODE
SUR No. 1149
WASHINGTON No. 2 LODE
SUR. No. 1149
WASHINGTON No. 1 LODE
SUR. No. 1149
STRONGHOLD No. 2 LODE
SUR. No. 1149
STRONGHOLD No. 1 LODE
SUR. No. 1149
PEACH LODE
SUR. No. 1148
SNOWFLAKE LODE
SUR. No. 1148
REVEN LODE
SUR. No. 1148
ORINDA LODE
SUR. 1148
Lode Line
Discovery Cut
Witness Cor.
Cor. No. 1
Cor. No. 2
Cor. No. 3
Cor. No. 4
To U.S.M.M. No. 1148
To U.S.M.M. No. 1149
Log House
Camp Starbo
Purposed lease
As Amended Total 16.3 Acres
Inter Fork Creek
Purposed lease
Total 7.3 Acres
Purposed lease
STATEMENT OF OFFICE WORK
Amount Deposited $10.00
Cost of Office work 45.36
Amount Refunded 54.64
STATEMENT OF OFFICE WORK
Amount Deposited $80.00
Cost of Office Work 41.45
Amount Refunded 38.55

Pertaining to Question # 10

question #10
See Exhibit (A)
Written description

Exhibit (B)

also -

Exhibits to Questions # 19
and # 21

For question # 19 see Maryloda Claim on this map, where exploration work will be done Core testing for molybdenum & Manganese.

ans., to question # 21 shows all the area and tunnel entrances, where exploration project will be conducted.

MOUNT RAINIER MINING COMPANY

This map contains (2) two U.S. Mineral Patented Plate Maps. # 1148 and # 1149 (Combined)

MOUNT RAINIER MINING COMPANY

T. 16 N., R. 9 E., W. M.
Unsurveyed

MARY LODE
SUR. No. 1149

WASHINGTON No. 2 LODE
SUR. No. 1149

WASHINGTON No. 1 LODE
SUR. No. 1149

STRONGHOLD No. 2 LODE
SUR. No. 1149

STRONGHOLD No. 1 LODE
SUR. No. 1149

STATEMENT OF OFFICE WORK	
Amount Deposited	$100.00
Cost of Office work	45.36
Amount Refunded	54.64

T. 16 N., R. 9 E., W. M.
Unsurveyed

(4-675)
Purposed lease-
As Amended Total 16.3 Acres
8-Acres
Purposed
Camp
Starbo

Inter Fork Creek

PEACH LODE
SUR. No. 1148

ORINDA LODE
SUR. 1148

SNOWFLAKE LODE
SUR. No. 1148

REVEN LODE
SUR. No. 1148

Purposed Lease
7.3 Acres

STATEMENT OF OFFICE WORK	
Amount Deposited	$80.00
Cost of Office Work	41.45
Amount Refunded	38.55

MOUNT RAINIER MINING COMPANY

This map contains (2) two U.S. mineral Pat. Plate maps # 1148 # 1149 (Combined)

Ans., pertains to questions # 19 and # 21. For question #19 shows Mary-lode claim on this map, where exploration work will be done for Molybdenum and manganese, Core Test.

Ans., to question # 21 shows all the area and Tunnel entrances, where Exploration project will be conducted.

Dwg. # 1605

MOUNT RAINIER MINING COMPANY

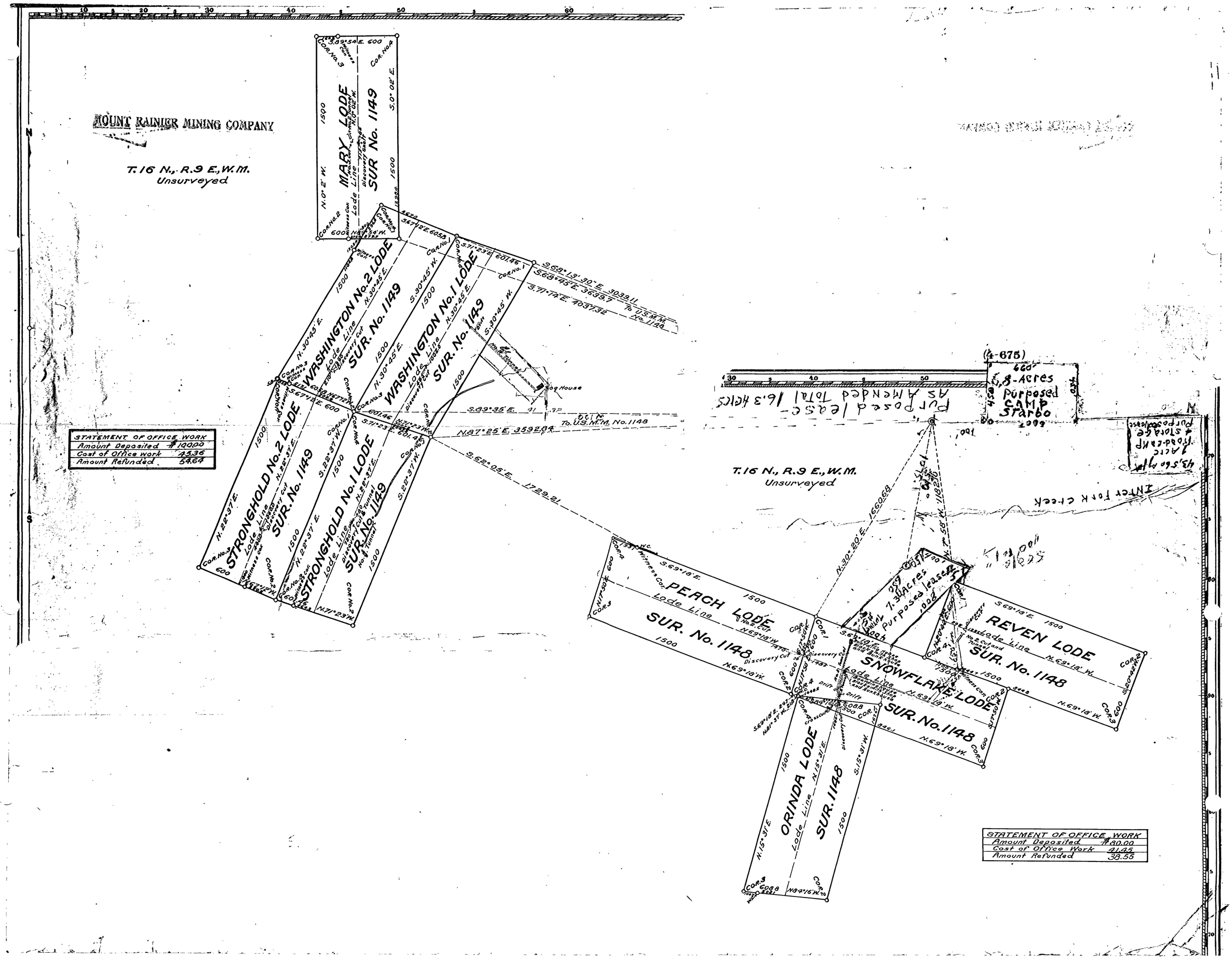
Continue -

Pertaining to question # 10

Exhibit (B) Part)

See - Exhibit (a) containing -

Written description of area, exploration work to be conducted.


MOUNT RAINIER MINING COMPANY
T. 16 N., R. 9 E., W.M.
Unsurveyed
MARY LODE
SUR. No. 1149
WASHINGTON No. 2 LODE
SUR. No. 1149
WASHINGTON No. 1 LODE
SUR. No. 1149
STRONGHOLD No. 2 LODE
SUR. No. 1149
STRONGHOLD No. 1 LODE
SUR. No. 1149
PEACH LODE
SUR. No. 1148
SNOWFLAKE LODE
SUR. No. 1148
REVEN LODE
SUR. No. 1148
ORINDA LODE
SUR. 1148
Lode Line
Discovery Cut
Log House
To U.S.M.M. No. 1148
To U.S.M.M. No. 1149
N87°25' E. 3592.84
S.62°05' E. 1729.21
N.30°20' E. 1660.68
Purposed lease-
As Amended Total 16.3 Acres
6.8-Acres
Purposed
CAMP
Starbo
Inter Fork Creek
7.3 Acres
Purposed lease
STATEMENT OF OFFICE WORK
Amount Deposited $100.00
Cost of Office Work 45.36
Amount Refunded 54.64
STATEMENT OF OFFICE WORK
Amount Deposited $80.00
Cost of Office Work 41.45
Amount Refunded 38.55

Answer to
Q - #10 Exhibit (a)
Written Description

MOUNT RAINIER MINING COMPANY

This map contains (2) two M.S. Mineral Maps, Pat. Plate Maps #1148 #1149

also -

Pertains to questions #19 and #21

For question #19 shows Mary-lode claim on this map, where exploration work will be done for Molydenum & Manganese ore Core test is that best. to determin the quanity.

Ans to question #21 shows all the area and tunnel entrances, where exploration project will be conducted.

MOUNT RAINIER MINING COMPANY

T. 16 N., R. 9 E., W.M.
Unsurveyed

MARY LODE
SUR No. 1149

WASHINGTON No. 2 LODE
SUR. No. 1149

WASHINGTON No. 1 LODE
SUR. No. 1149

STRONGHOLD No. 2 LODE
SUR. No. 1149

STRONGHOLD No. 1 LODE
SUR. No. 1149

PEACH LODE
SUR. No. 1148

SNOWFLAKE LODE
SUR. No. 1148

REVEN LODE
SUR. No. 1148

ORINDA LODE
SUR. 1148

Log House

S. 68° 13' 30" E. 3039.11
S. 68° 45' E. 3639.7 To U.S.M.M. No. 1148
S. 71° 14' E. 4037.32
S. 89° 35' E. 91
N. 87° 25' E. 3592.84
S. 62° 05' E. 1729.21
N. 30° 20' E. 1660.68
N. 7° 58' W. 1182.20

STATEMENT OF OFFICE WORK	
Amount Deposited	$100.00
Cost of Office work	45.36
Amount Refunded	54.64

(4-675)

6.8-Acres
Purposed
CAMP
Starbo

Purposed lease-
As Amended Total 16.3 acres

T. 16 N., R. 9 E., W.M.
Unsurveyed

Inter Fork Creek

7.34 Acres
Purposed lease
008 #5

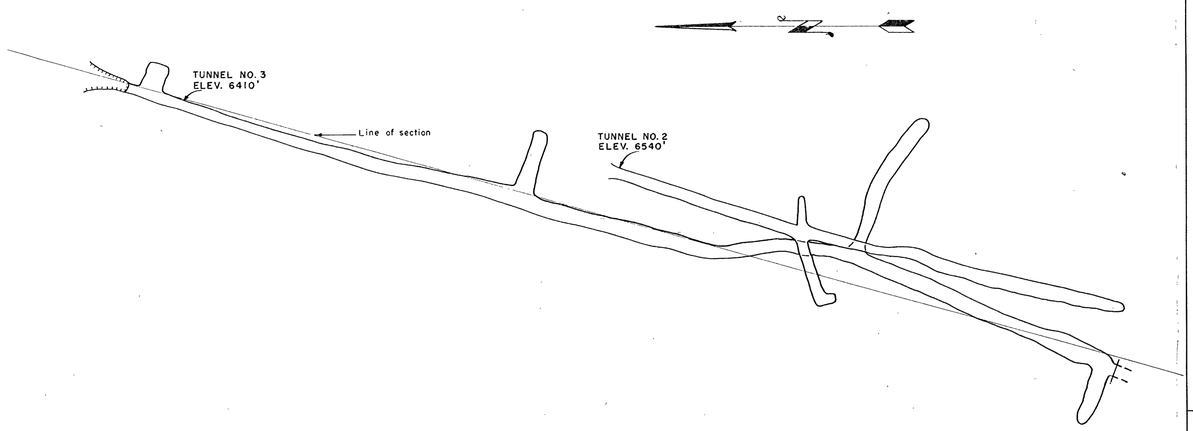
Exhibit B

STATEMENT OF OFFICE WORK	
Amount Deposited	$80.00
Cost of Office Work	41.45
Amount Refunded	38.55

also -

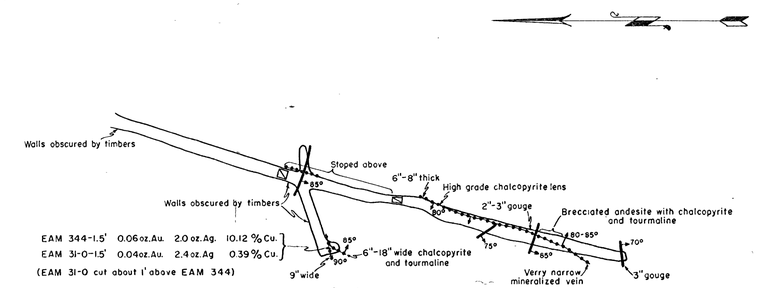
Pertains to questions # 19 and #21

For question # 19 shows the Mary-lode on this map, where exploration work will be done, core testing for Molybdenum & Mangan-ese. to question # 21 shows all the area and tunnel entrances, where exploration project will be conducted.



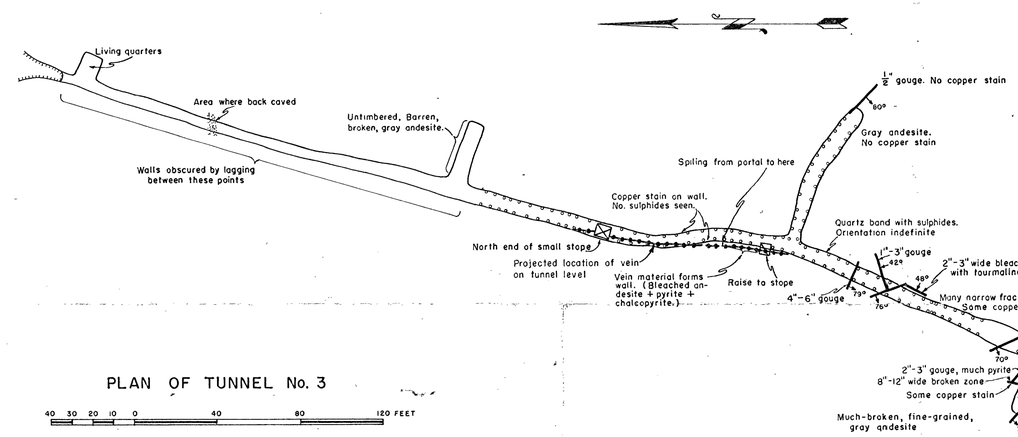
COMPOSITE PLAN OF TUNNELS 2 AND 3

40 30 20 10 0 40 80 120 FEET



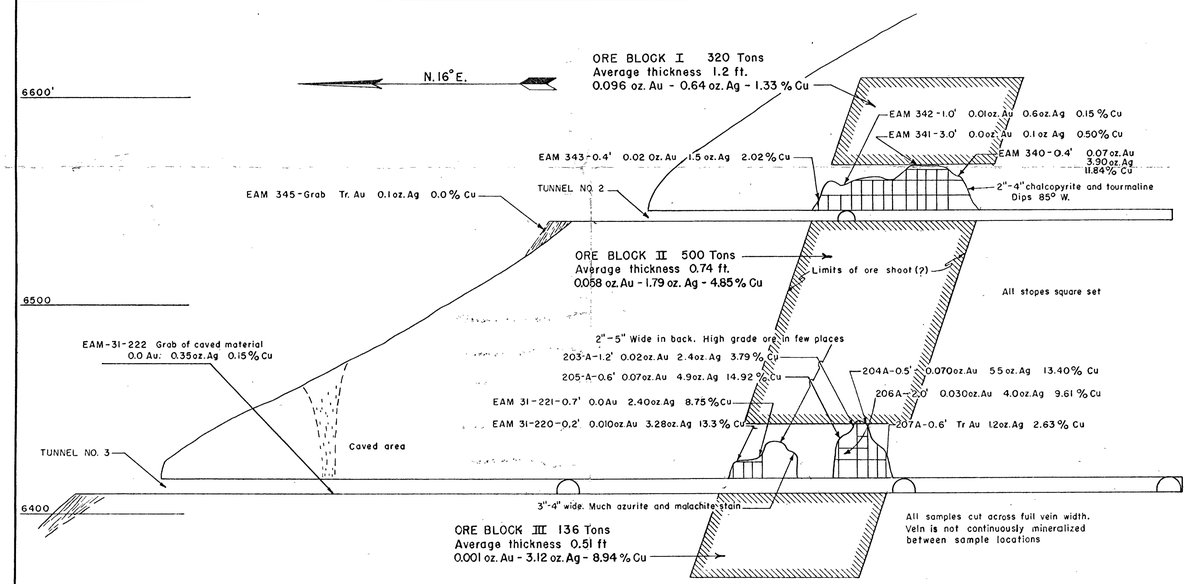
PLAN OF TUNNEL No. 2

40 30 20 10 0 40 80 120 FEET



PLAN OF TUNNEL No. 3

40 30 20 10 0 40 80 120 FEET



VERTICAL SECTION THROUGH TUNNELS 2 AND 3

TUNNEL NO 2 PROJECTED TO SECTION

40 30 20 10 0 40 80 120 FEET

TUNNELS No. 2 AND No. 3

STARBO MINE

MT. RAINIER MINING COMPANY

T. 16 N. R. 9 E.W.M. (Unsurveyed)

MT. RAINIER NATIONAL PARK

PIERCE COUNTY, WASHINGTON

Brunton and tape survey 9/8/52, 10/12/52, 10/23/53
W.P. Puffett, U.S.G.S.
E.A. Magill and W.S. Anderson, USBM