UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 1376

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

Left Side

✓ Certificate of Audit (Final).

Interim Audit(s).

Report of Review.

✓ CLOSING LETTER

✓ Termination Notice or Agreement.

Recision Notice.

Assignment of Contract.

Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

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

Right Side

✓ Project summary.

✓ Work completed analysis.

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

✓ Final Field Team Report. (Tab)

✓ Operator's Final Report.

✓ Interim Reports.

On-site Exam Report(s). (Tab)

Settlement Sheets.

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

Maps in folder number _____

Operator's Monthly Reports in folder number _____

Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION

CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of:

Black Rock Mining Corporation
137 Clarke Street
Bishop, California

pertaining to Exploration Project Contract No. Idm-E103, Docket No. DMA 1376X, (Scheelore Mine) for the period August 8, 1951 to October 31, 1952.

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

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

Total cost as billed by contractor	$10,125.43
Exceptions	None
Total accepted cost	$10,125.43

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Seven Thousand Five Hundred Ninety Four and 07/100 Dollars

- $7,594.07 -

is valid and proper.

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

George Mavor

George Mavor
Auditor

December 17, 1952

I INTRODUCTION

On November 19 and 20, 1952 a final audit (covering the period August 8, 1951 to October 31, 1952) was made of the records and accounts of operations pertaining to Contract No. Idm-E103, Docket No. DMA-1376X with the:

Black Rock Mining Corporation
137 Clarke Street
Bishop, California

The accounting records for "Scheelore Mine" operations under this contract are located in the company's office in Bishop, California.

During the course of the audit Mr. C. H. Hall, Manager and Mr. D. A. Sada, Office Manager were present and consulted as required. Their cooperation and assistance greatly facilitated the audit.

II GENERAL INFORMATION ON RECORDS

The operator maintains a complete set of accounting records, which includes a general ledger, cost ledger, cash book, invoice register and payroll register which are maintained to record the transactions applicable to both company and exploration project operations. A separate general ledger expense account, identified as "No. 4-740 Exploration Diamond Drilling" with related subsidiary cost accounts, is maintained to reflect all project costs.

The source documents covering the costs of this project are recorded on monthly work sheets, which form the basis for preparation of the monthly MF-104 reports. Therefore, this audit involved in general a check of the source documents against the monthly work sheets, and reconciliation of the work sheets with the General Ledger and Cost Ledger accounts. All costs were recorded on an accrual basis.

The Company's accounts are audited after the close of each calendar year by a certified public accounting firm (Price Waterhouse & Co., Los Angeles, California).

III SCOPE OF AUDIT AND FINDINGS

The audit covered a complete analysis of all expenditures in order to ascertain the accuracy, propriety and validity of the costs as shown in the "Totals to Date" column of Form MF-104, Operator's Monthly Report and Voucher, for the month of October 1952. The extent of the audit and the findings under each of the "Items of Cost" follows:

(1) Independent Contracts $6,892.00

Under date of August 11, 1951 a sub-contract was made between the operator and Palmer and Decker for diamond drilling and verbally approved

August 27, 1951 by H. C. Miller, Executive officer and officially approved by the Government December 22, 1952. The drilling costs are accounted for as follows:

Diamond Drilling

Sept. 1951	AX Drilling	756' @ $6.00	$4,536.00
Oct. 1951	" "	226' @ 6.00	1,356.00
Oct. 1952	Sub-contract termination charge		1,000.00
Total Drilling Costs			$6,892.00

The drilling operations did not prove successful and no further work was performed after October 1951 and the contract was terminated October 10, 1952. The sub-contract contained the following clause:

> "If the Company should decide to terminate this drilling program before 3,000 feet have been completed, Company agrees to pay Contractor $1,000.00 for their expense in removing their equipment."

The $1,000.00 payment made by the operator was a proper cost under the terms of sub-contract and chargeable to the cost of the Exploration Project.

The footage for diamond drilling was checked to Diamond Drill Core Reports and Palmer and Decker invoices together with cancelled bank checks for payments. All payments were made in accordance with contract terms.

(2) Labor and Supervision $1,790.50

The payroll records for the period August 8, 1951 to November 30, 1951 were examined and the payroll distribution comprised the following:

Labor	$ 265.50
Supervision	1,525.00
Total	$1,790.50

The labor charge of $265.50 was for construction of roads to drilling site. The supervision charge of $1,525.00 represented salaries paid to Byron Works, Geologist, R. W. Copeland, Engineer and C. H. Hall, Manager all of which was in accordance with the terms of the contract. An examination of payroll system was made and found to be adequate and consisted of the following procedure. Time cards are prepared by foreman and signed by employee and foreman. The hours, rate, gross amount, deductions and net amount of wages due is shown on time card and then transcribed to a Remington Rand Multi-Matic Payroll Board and with one hand written manual operation produces the Payroll Register, Employees Earnings Record and Employees checks with Employee's copies

of earnings. A payroll distribution is prepared each month by account classification from time cards and balanced with payroll register. An examination of cancelled payroll checks was also made.

(3) Operating Materials and Supplies $106.36

A complete examination was made of invoices charged to this category which included the verification of footings and extensions together with the examination of cancelled bank checks. The operator did not maintain any stores accounts other than for explosives and all purchases were charged to the cost of operating materials and supplies. The operator has a well organized purchase and material receiving procedure. The purchasing agent can approve purchase orders up to $150.00. All purchase orders over $150.00 are approved either by the Manager or Plant Superintendent. After approval one copy each are distributed to vendor, accounting department, material receiving department and purchasing department. When the material is received, the receiving report is forwarded to the accounting department and verified to purchase order and vendor's invoice. The accounting department then enters invoice in invoice register and also invoice distribution register. The account classification is entered on purchase order at time of preparation.

(4) Operating Equipment $1,082.50

All charges for operating equipment were checked against monthly work sheets, invoices and rates specified in contract. These charges were made up of the following items:

Rental:		
Bulldozer	100 hrs. @ $10.00	$1,000.00
Depreciation:		
1/2 Ton Pickup Truck	2½ mos. @ $33.00	82.50
Total		$1,082.50

The contract allowed $12.00 per hour for rental of bulldozer, however same was rented at $10.00 per hour, and this item was verified by examination of vendor's invoices and cancelled bank checks.

(5) Initial Rehabilitation and Repairs - 0 -

Not applicable to this contract

(6) New Buildings, Improvements, etc. - 0 -
Not applicable to this contract

(7) Miscellaneous $254.07

The charges under this category were represented by the following items:

Payroll Taxes	$ 80.57
Workmen's Compensation Insurance	173.50
Total	$254.07

All charges for payroll taxes and insurance were checked by computation at the rates used by the company which were as follows:

Social Security Tax		1.5	
Unemployment:	Federal	.3	
	California	2.7	4.5%
Workmen's Compensation Insurance			9.69%

The company had used the compensation insurance rate of 9.69% on payrolls for the period August 1951 to November 1951. Upon examination of insurance policies it was revealed that a new rate of 10.32% was effective September 14, 1951 for a period of one year. This discrepancy in rates was called to the office manager's attention and he stated no adjustment would be made.

(8) Contingencies - 0 -

Not applicable to this contract

IV CONCLUSIONS AND RECOMMENDATIONS

This audit has disclosed that all costs, as charged to this project are reasonable and proper under the terms of the contract.

The items of cost as shown on the October 1952 MF-104 and the approved amounts, are summarized as follows:

	Totals Nov.MF-104	Distribution Corrected	Disallowed by Audit	Allowed by Audit
(1) Independent Contracts				
Drilling	$ 6,892.00			$ 6,892.00
(2) Labor and Supervision				
Labor	265.50			265.50
Supervision	1,525.00			1,525.00
(3) Operating Mat'ls & Supplies				
Miscellaneous	106.36			106.36
(4) Operating Equipment				
Rental	1,000.00			1,000.00
Depreciation	82.50			82.50
(5) Initial Rehabilitation and Repairs Not applicable	-0-			-0-
(6) New Buildings, Improvements, etc. Not applicable	-0-			-0-
(7) Miscellaneous				
Payroll Taxes	80.57			80.57
Workmen's Compensation Insurance	173.50			173.50
(8) Contingencies Not applicable	-0-			-0-
Totals	$10,125.43	None	None	$10,125.43

The audit also disclosed that the status as of October 31, 1952, of the "allowable maximums" under this contract was as follows:

Item	Allowable Maximum	Total Costs	Balance
Operating Equipment Rental	$4,800.00	$1,000.00	$3,800.00

At the conclusion of audit, the findings were discussed with C. H. Hall, Manager and D. A. Sada, Office Manager.

George Mavor

George Mavor
Auditor

December 19, 1952

FILE COPY
SURNAME:

Rutledge
Martin
Clement
Hoffman

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

JUL 21 1953

Mr. C. H. Hall, Manager
Black Rock Mining Corporation
Post Office Box 1031
Bishop, California

Re: Docket No. DMA 1376X - Tungsten
Black Rock Mining Corporation
Scheelore mine
Mono County, California
Contract No. Idm-E103

Dear Mr. Hall:

This is with reference to the subject exploration project contract between Black Rock Mining Corporation and the Government.

The final audit of the contract expenditures and the final reports of the Operator and the Field Team have been received and accepted by this Administration. Of the total amount of $61,623.50 approved under the contract, the sum of $10,125.43 was expended, 75 percent of which, or $7,594.07, represented the Government's share. There were no unused supplies, material, or equipment to be disposed of for the joint account of the Operator and the Government.

The work which was performed was satisfactory.

The results of the four diamond drill holes completed prior to recessing of the project because of inclement weather were such that no further work was contemplated by the Operator. Accordingly, the contract was terminated October 10, 1952, by the Government inasmuch as the Operator failed either to sign and return the proper forms for "Termination of Exploration Project Contract by Agreement after Commencement but before Completion of the Work" or to continue with the project.

Because the results of the work completed under the contract were unfavorable, it is not our intention to make a certification of discovery or development which would create a lien against the project property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Article 11 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

Administrator

7-21-53

CC: DOCKET
ADM. READ. FILE
CODE 400
FIELD TEAM, REG. 3
OPER. COMMITTEE
MR. CHAMBERS -Code 800
D. M. LEMMON, USGS
R. W. GEEHAN, USBM

FARutledge/ls
7/15/53

Put in docket file

FILE COPY
SURNAME:

400

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

Rutledge
Marlow
Chandler
Ostrom
Hoffman

Released 7/26/53

Mr. C. H. Hall, Manager
Black Rock Mining Corporation
Post Office Box 1031
Bishop, California

Re: Docket No. DMA 1376X - Tungsten
Black Rock Mining Corporation
Scheelore Mine
Mono County, California
Contract No. Idm-H103

Dear Mr. Hall:

This is with reference to the subject exploration project contract between Black Rock Mining Corporation and the Government.

The final audit of the contract expenditures has been received and accepted by this Administration. Of the total amount of $61,623.50 approved under the contract, the amount of $10,125.43 was expended and the Government's share of 75 percent, or $7,594.07 was disbursed. There were no unused material, supplies, or equipment to be disposed of for the joint account of the Operator and the Government.

The work was carried out in a satisfactory manner.

The results of the four diamond drill holes completed prior to recessing of the project because of inclement weather were such that no further work was contemplated by the Operator. Accordingly, the contract was terminated October 10, 1952, inasmuch as the Operator failed either to sign and return the proper forms for "Termination of Exploration Project Contract by Agreement after Commencement but before Completion of the Work" or continue with the project.

Because the results of the work completed under the contract were unfavorable, it is not our intention to make a certification of discovery or development which would create a lien against the project property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Paragraph 11 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,

Administrator

FARutledge/ls
3/20/53

CC: Docket
Admn. Read. File
Field Team, Region 3
Code 400
Operating Committee
D. M. Lemmon, USGS
R. W. Geehan, USBM

Not found
Received
7/26

12/11/52

To: Mr. C. H. Hall
Black Rock Mining Corporation
P. O. Box 1031
Bishop, California

Operator under Exploration Project Contract Ida-E103
Docket No. DMEA 1376X, dated August 8, 1951

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, under the terms of the above-mentioned contract, hereby terminates the contract on the following grounds:

In the opinion of the Government, you have failed to prosecute operations pursuant to the terms of the contract.

Upon the receipt of this notice, as provided in said contract, you are required to dispose of any remaining materials, supplies, facilities, buildings, fixtures, equipment, or other items, in which the Government has an interest, for the joint account of yourself and the Government; and to render to the Government a full and final accounting of your operations under the contract and of your expenditures of money on account thereof.

Any work prosecuted or costs incurred by you after the receipt of this notice shall be for your sole account, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

Dated this tenth day of October, 1952.

UNITED STATES OF AMERICA

By H. C. Miller
H. C. Miller, Executive Officer,
DMEA Field Team, Region III

Copy to:
(3) DMEA, Washington, D.C.
Finance Officer, Reg.III
A.C.Johnson, Reno

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

GOVERNMENT COPY

APPROVAL OF SUBCONTRACT

To: Black Rock Mining Coproration, 137 Clarke Street, Bishop, California, C. N. Hall, Manager

That certain contract, a copy of which you submitted with your request for approval, dated August 11, 1951, between you and L. G. Palmer and A. P. Decker, co-partners doing business under the firm name and style of Palmer and Decker, of Bishop, California, for the performance of the following work:

To perform diamond drilling operations on the Black Rock Mining Corporation's property at the Scheelore Mine, Mono County, California, which is all or a specific element of the work described in an Exploration Project Contract dated August 8, 1951, Idm-E103, Docket No. DMEA 1376, is hereby approved by the United States of America, subject to the following terms and conditions:

1. The Government shall not be nor be considered to be a party to said independent contract, and the Government's right to terminate the exploration project contract under any of its provisions shall not in any manner be affected by reason of said independent contract.

2. Regardless of the provisions of said independent contract, the Government will participate in the payments to the independent contractor only on account of work actually performed and that conforms with the provisions of the exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable and necessary.

3. The said independent contract shall not have the effect of increasing the estimated total cost of the exploration project contract or the maximum amount which the Government will pay as provided in the exploration project contract.

Dated: December 22, 1952.

THE UNITED STATES OF AMERICA

By H. C. Miller
H. C. Miller
Executive Officer
DMEA Field Team, Region III

1012 Flood Bldg., 870 Market St.
San Francisco 2, California

(Confirmation of verbal approval given on August 27, 1951)

DOCKET COPY

AGREEMENT, made this 11th day of August, 1951, by and between BLACK ROCK MINING CORPORATION, a Nevada Corporation with offices at 207 Clarke Street, Bishop, California (hereinafter called the "Company"), and L. G. PALMER and A. P. DECKER, co-partners doing business under the firm name and style of PALMER AND DECKER, of Bishop, California, hereinafter called the "Contractor",

W I T N E S S E T H:

WHEREAS, The Contractor is an independent contractor engaged in diamond drilling and is willing to undertake diamond drilling operations (Hereinafter sometimes referred to as the Work) desired by the Company under the terms and conditions hereinafter specified;

NOW, THEREFORE, in consideration of the covenants and agreements hereinafter set forth the parties hereto have agreed and do hereby agree as follows:

FIRST: The Contractor agrees:

(a) To perform surface diamond drilling operations at such points on the Company's property at the Scheelore Mine near Bishop, California, as may be specified by the Company, and to drill holes to such depth and size as may be specified by the Company. Cores shall be extracted from such holes and placed in boxes, properly marked, and free from grease and other foreign material. The Contractor shall supply all labor, materials, and supplies required to properly complete such holes. The Contractor shall commence work promptly after the execution of this agreement and shall at all times thereafter prosecute such operations diligently, expertly and continuously and in a workmanlike manner.

(b) To maintain camp and mess hall for drilling crew and to furnish truck and driver for servicing camp and drilling equipment.

(c) To supervise, direct and control such employees as the Contractor may require to properly perform his agreement and to pay them on his own account.

(d) To comply with all applicable statutes with respect to labor employed on the Work, wages, and hours of work, and to protect and indemnify the Company against any payroll taxes or contributions imposed with respect to any employees of the Contractor by and applicable law dealing with old age benefits, unemployment compensation, accident compensation, health insurance and related subjects.

(e) To indemnify and save harmless the Company against all claims and demands whatsoever arising out of the Contractor's operations hereunder, including, but not limited to, death and injuries to persons and damage to property.

(f) To insure at the cost and expense of the Contractor to each and every workman employed in, about or upon the Work the compensation provided for in and by each and every statute applicable thereto with respect to Workmen's Compensation and/or Employer's Liability; and to pay and discharge or otherwise dispose of any and all claims, suits, actions, and demands of any nature whatsoever, for injury to persons, including death resulting therefrom, and loss of, or damage to, property caused by or in connection with the performance of the Work under this contract; and to procure and maintain, at the cost and expense of the Contractor until the termination of this contract, public liability insurance in a reputable and financially responsible insurance company, properly safeguarding the Contractor against liability for injuries to persons, including injuries resulting in death, and loss of and damage to property, in amounts acceptable to the Company, and to furnish to the Company written certificates from insurance carriers or from appropriate governmental authorities establishing that said insurance of employees and said public liability insurance have been procured and are being properly maintained, and that the premiums therefor are paid, and specifying the names of the insurers and the respective policy numbers and expiration dates. All such insurance policies shall provide (unless by statute applicable

thereto it is otherwise provided) that in the event of cancellation thereof, written notice of such cancellation shall be given to the Company at least five days prior to the effective date of such cancellation.

(g) To permit the Company full and free access to the Work for the purpose of such inspection as is necessary to determine compliance with this agreement and with the usual health and safety regulations.

(h) To pay all costs and expenses of the Work and to save harmless the Company of and from liability for any and all such costs and expenses.

(i) To indemnify and save harmless the Company from laborers', mechanics', materialmen's liens and all other liens and charges upon the Work and/or upon the premises upon which the Work is located and/or upon the Company's machinery and equipment rented or loaned to the Contractor, arising out of the operations to be performed and materials furnished by the Contractor under this agreement; provided that the Company shall have paid to the Contractor all accounts due and payable to the Contractor under this agreement.

(j) To comply with Company safety rules, as well as all State and Federal regulations.

(k) To keep secret and confidential all information regarding the geology of ore bodies and not disclose the same to any one other than the duly authorized representatives of the Company.

SECOND: The Company agrees:

(a) To give the Contractor and his employees access to the premises upon which the drilling operations are to be conducted.

(b) To designate the drilling site of each hole before the Contractor is ready to move to the site thereof, and, so far as may be practicable, to arrange the sequence of drilling so that the Contractor will have a reasonable minimum of moving distance between sites.

(c) To furnish the Contractor the following:

Repairs to roads and bridges.
Repairs to rehabilitate upper camp.
Roads to drilling sites.
Engineering and Supervision.

(d) To pay to the Contractor for all Work completed at the following rates:

1. Daimond Drilling EX Core in Solid Formation at $6.00 per foot.

2. Driving Pipe, Drilling in Casing, Cementing, Etc., at $10.00 per foot. Holes thru Talus not to be less than minus 45°.

Contractor to be furnished with reasonably flat drill sites, and whenever possible near bedrock to minimize pupe driving. These prices are to apply to a minimum guaranteed footage of 3,000. If the Company should decide to terminate this drilling program before 3,000 feet have been completed, Company agrees to pay Contractor $1,000.00 for their expense in removing their equipment. Payments to the Contractor hereunder shall be made weekly based upon the Company's engineer's measurements.

THIRD: Both parties agreed:

(a) The Company shall not be responsible for any bits or other property of the Contractor which may be soted in or upon Company property.

(b) The Contractor shall have full and complete direction and control of the Work, and all operations under this agreement shall be performed by the Contractor solely as an independent contractor.

(c) The Contractor has knowledge of an recognizes the condition of the lands upon which the Work is to be performed and the roads and other means of access thereto, and assumes all risks incidental thereto. No representation or warranty is made by the Company as to the conditions of said lands, roads and means of access, and the Company shall be under no duty to see to the safety of the

Contractor, its representatives or employees or any of them, while they are in or upon said lands, roads and means of access.

This agreement shall continue for a period of thirty days from the date hereof and thereafter until cancelled by either party serving a thirty day advance notice of termination upon the other party.

IN WITNESS WHEREOF, The parties have executed this agreement the day and year first above written.

BLACK ROCK MINING CORPORATION

By /s/ C. H. Hall

Manager
Title

PALMER & DECKER

By /s/ Leonard G. Palmer

/s/ A. P. Decker
Partners

MF-200
(June 1951)

Indexed
No. Card
Card
Reviewed

Docket No. DMA 1376X
Commodity Tungsten
Idm-E103

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

AUG 24 1951

RECEIVED
CONTRACT SERV.
G. A. O.

It is agreed this 8th day of August, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2]

Black Rock Mining Corporation
Box 1031
Bishop, California

hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of California, County of Mono described as follows: [3] 18 located mining claims and 13 located mill site claims more specifically described in "Memorandum of Lease and Option to Purchase Mining Claims" dated September 23, 1950 between H. A. Van Loon, et. al. and C. H. Hall and "Assignment of Contract" dated March 1, 1951 between C. H. Hall and Black Rock Mining Corporation. Copies of the two documents are attached to original copy of this contract.

with respect to which the Operator represents and undertakes: [4]

(*a*) ~~That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:~~

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

3. *Exploration project.* The Operator, within sixty (60) days from the date of this contract shall commence work on a project of exploration for [5] tungsten ore; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] two (2) years from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 75 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $46,217.63, which is 75 percent of the agreed estimated total cost of this project, $61,623.50.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

Black Rock Mining Corporation
(Operator)

By C.M. Dice Vice Pres.

THE UNITED STATES OF AMERICA

By C.O. Mittendorf
Director, Production Expansion Division
Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

EXHIBIT A - Exploration Project

The exploration program to consist of preparatory work for and drilling of 19 diamond drill holes totaling 6,130 feet to be drilled from surface locations. The drilling is planned to explore the downward extension of outcrops of tungsten-bearing tactite and explore for other unknown tactite ore shoots beneath talus covered areas as shown on attached map which is agreed to be a guide to the program, but location of holes may be changes by mutual approval of the operator and the Field Team of DMA, dependent upon data secured as the drilling progresses.

Estimated costs of the program are as follows:

(a)	Labor furnished by company	$ 6,800.00
(b)	Supervision	6,000.00
(c)	Equipment purchased	1,797.50
(d)	Equipment to be rented	4,800.00
(e)	Equipment furnished on rental basis	456.00
(f)	Supplies furnished by company	1,700.00
(g)	Payroll taxes, compensation insurance and miscellaneous items of office expense	1,730.00
(h)	Diamond drilling on contract 5740 feet in rock @ $6.00 390 feet in talus @ $10.00	38,340.00
	Total	$61,623.50

Supplemental notes:

(a) & (b) The labor furnished by company for repair of bunkhouse and mess hall, access roads and bridges, pipe lines, construction of roads to and preparation of drilling sites and supply, supervision and engineering services.

Classification	Rate	Period	Total
Laborers	$1.80	800 hours	$ 1,440.00
Miners	2.00	" "	1,600.00
Muckers	1.80	" "	1,440.00
Truck Driver	2.00	" "	1,600.00
Carpenter	3.00	144 "	432.00
Carpenter's Helper	2.00	144 "	288.00
Engineer	500.00	12 months	6,000.00
			$12,800.00

(c) Equipment to be purchased consists of the following items:

Gasoline powered hi-pressure water pump	$ 800.00
1000 feet each ½ inch and 1 inch pipe	360.00
150 core boxes @ $3.50	487.50
Small tools less than $50 each	150.00
Total	$1797.50

(d) A D-8 bulldozer is to be rented at $12.00 per hour including operator, supplies, repairs and maintenance for a maximum of 400 hours $4800.00

(e) The company is to furnish the following operating equipment for use on the project:

½ Ton pickup truck, 12 months @ $33.00	$390.00
2 Rock drilling outfits, 2 months @ $33.00	66.00

(f) Supplies required for repair of existing upper camp bunk house and mess hall, present roads, bridges and pipe lines and construction of access roads to drilling sites:

Lumber, nails, hardware, tar paper	$ 300.00
Bridge timber and bolts	350.00
Explosives	250.00
Miscellaneous supply items	800.00
	$1700.00

(h) The diamond drilling is to be done on contract. The contractor to furnish; drilling equipment, drilling crew, air compressor, fuel and lubricants for equipment and maintain camp and mess for drilling crew. Contract cost to be $6.00 per foot for 5,740 feet of EX hole in solid formation and $10.00 per foot for 390 feet of hole through talus and glacial till. A copy of executed contract is to be presented to Region III for approval prior to starting program.

No additional facilities buildings or fixtures are to be purchased, installed or erected by the operator. Costs of this nature are therefore not allowable.

MEMORANDUM OF LEASE AND OPTION
TO PURCHASE MINING CLAIMS

THIS AGREEMENT, made and entered into this 23rd day of September, 1950, by and between H. A. VAN LOON and BELVA B. VAN LOON, husband and wife, J. E. MORHARDT and GENEVIEVE MORHARDT, husband and wife, DEAN W. KNIGHT and BEATRICE M. KNIGHT, husband and wife, all of Inyo County, California, and GENE G. CROSBY and GLADYS C. CROSBY, husband and wife, of Mono County, California, and H. H. LUCE and MARGARET B. LUCE, husband and wife, and J. E. RILEY and GERTRUDE B. RILEY, husband and wife, all of Reno, Nevada, and HOWARD R. WILSON and DORIS WILSON, husband and wife, of Oakland, California, and A. L. FONTAINE and PHYLLIS D. FONTAINE, husband and wife, of Las Vegas, Nevada, first parties, hereinafter referred to as lessors, and C. H. HALL, of Manhattan Beach, California, second party, hereinafter referred to as lessee,

W I T N E S S E T H:

That for and in consideration of the payments hereinafter reserved and the terms, covenants and conditions hereinafter set forth on the part of lessee to be promptly paid, kept and performed, lessors have let, demised and leased and by these presents do let, demise and lease unto lessee, and leassee has hired and taken from lessors all those certain unpatented mines or mining claims and unpatented mill sites, sometimes known as the "Scheelore Mine", situate in the County of Mono, State of California, all of which are hereinafter described and referred to as the "demised premises", and which are more specifically described as follows, to-wit:

UPPER McGEE NO. 1 lode claim, notice of location recorded in Volume 6, page 184, Location Notices;

WHITE TOP No. 1 mining claim, notice of location recorded in Volume 6, page 183, Location Notices;

WHITE TOP No. 2 claim, notices of location recorded in Volume 6, page 183, Location Notices;

WHITE TOP No. 3 mining claim, notice of location recorded in Volume 6, page 184, Location Notices;

C# IN ALT. No. 1 mining claim, notice of location recorded in Volume 6, page 182, Location Notices;

MEMORANDUM OF PARTS AND OPTION
TO PURCHASE MINING CLAIMS

THIS AGREEMENT, made and entered into this _____ day of September, 1960, by and between H. A. VON BLOH and ANNA M. VON BLOH, husband and wife, A. E. CARLSON and DOROTHY CARLSON, husband and wife, ALBERT E. KNIGHT and ETHELYN A. KNIGHT, husband and wife, all of Inyo County, California, and JOHN C. FROST and CLAIRE A. FROST, husband and wife, of Mono County, California, and E. H. ITON and LORRAINE C. ITON, husband and wife, and A. E. PUGH and DOROTHY A. PUGH, husband and wife, all of Reno, Nevada, and HARRY A. ERSKIN and DORIS VIRGINIA, husband and wife, of Oakland, California, and A. L. FORD and ANNIE G. FORD, husband and wife, of San Jose, Santa Clara County, hereinafter referred to as lessors, and B. W. HALL, of Monterey Park, California, second party, hereinafter referred to as lessee,

WITNESSETH:

That for and in consideration of the payments hereinafter mentioned and the terms, covenants and conditions hereinafter set forth on the part of lessee to be promptly paid, kept and performed, lessors have let, leased and demised and by these presents do let, lease and lease unto lessee, and lessee does hire and take from lessors the mining claims described in or mining claims and mining rights, sometimes known as the "Lessors Mines", located in the County of Inyo, State of California, all of which are hereinafter described and referred to as the "Mining Premises", and which are more specifically described as follows, to-wit:

MINE NOTICE NO. 1 Long Shaft, notice of location recorded in Volume 6, page 161, Location Records;

MINE NOTICE NO. 2 Mining claim, notice of location recorded in Volume 6, page 161, Location Records;

MINE NOTICE NO. 3 claim, notice of location recorded in Volume 6, page 162, Location Records;

MINE NOTICE NO. 3 mining claim, notice of location recorded in Volume 6, page 161, Location Records;

OF MINE NO. 1 mining claim, notice of location recorded in Volume 6, page 163, Location Records;

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C# IN ALT. No. 2 mining claim, notice of location recorded in Volume 6, page 182, Location Notices;

C# IN ALT. No. 3 mining claim, notice of location recorded in Volume 6, page 183, Location Notices;

C# IN ALT. No. 4 mining claim, notice of location recorded in Volume 6, page 222, Location Notices;

C# IN ALT. No. 5 mining claim, notice of location recorded in Volume 6, page 222, Location Notices;

C# IN ALTISSIMO mining claim, notice of location recorded in volume 6, page 181, Location Notices;

C# IN ALTISSIMO No. 2 mining claim, notice of location recorded in Volume 6, page 222, Location Notices;

SCHEELORE EXTENSION No. 1 placer mining claim, notice of location recorded in Volume 7, page 276, Location Notices;

SCHEELORE EXTENSION NO. 2 mining claim, notice of location recorded in Volume 7, page 277, Location Notices;

SCHEELORE EXTENSION No. 3 mining claim, notice of location recorded in Volume 7, page 277, Location Notices;

SCHEELORE EXTENSION No. 4 mining claim, notice of location recorded in Volume 7, page 278, Location Notices;

SCHEELORE EXTENSION No. 5, mining claim, notice of location recorded in Volume 7, page 279, Location Notices;

SCHEELORE EXTENSION No. 6 mining claim, notice of location recorded in Volume 7, page 279, Location Notices;

SCHEELORE EXTENSION No. 7, mining claim, notice of location recorded in Volume 7, page 280, Location Notices;

C# mill site No. 1, notice of location recorded in Volume 6, page 234, Location Notices;

C# mill site No. 2, notice of location recorded in Volume 6, page 234, Location Notices;

C# mill site No. 3, notice of location recorded in Volume 6, page 234, Location Notices;

C# mill site No. 4, notice of Location recorded in Volume 6, page 235, Location Notices;

C# mill site No. 5, notice of location recorded in Volume 6, page 235, Location Notices;

C# mill site No. 6, notice of location recorded in Volume 6, page 235, Location Notices;

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C# mill site No. 7, notice of location recorded in Volume 6, page 236, Location Notices;

C# mill site No. 8, notice of location recorded in Volume 6, page 236, Location Notices;

C# mill site No. 9, notice of location recorded in Volume 6, page 237, Location Notices;

C# mill site No. 10, notice of location recorded in Volume 6, page 237, Location Notices;

C# mill site No. 11, notice of location recorded in Volume 6, page 237, Location Notices;

C# mill site No. 12, notice of location recorded in Volume 6, page 238, Location Notices;

SCHEELORE mill site, No. 2, notice of location recorded in Volume 7, page 281, Location Notices;

The above described notices of location all being of record and recorded in the office of the County Recorder of the County of Mono, State of California, reference to the same being hereby made for further particulars.

This lease is made upon the following terms and conditions, each and every provision of which is hereby mutually understood and agreed upon:

1. As part consideration for this lease, lessee does promise and agree that he will immediately upon the execution of these presents enter into and upon the demised and take possession thereof and commence and continuously prosecute such development work or other operations thereon for the benefit and development of the demised premises, the work and labor to be worth not less than the sum of eighteen hundred dollars ($1,800.00), to the end and purpose that all governmental requirements for the performance of annual assessment work on unpatented mining claims for the mining year ending June 30, 1950, shall be fully met and observed; and that such work so commenced shall be prosecuted with reasonable diligence and without any interruption except for causes beyond the control of lessee; and that due proof of the performance of said work shall be filed or caused to be filed in the office of the County Recorder of the County of Mono, State of California, immediately upon completion thereof.

As further consideration and rental for the right to occupy the demised premises and to take and extract ores and other valuable products therefrom, lessee does promise and agree to pay to lessors a royalty of ten

Of mill site No. 1, notice of location recorded in Volume 6, page 136, location Notices;

Of mill site No. 1, notice of location recorded in Volume 6, page 136, location Notices;

Of mill site No. 1, notice of location recorded in Volume 6, page 137, location Notices;

Of mill site No. 10, notice of location recorded in Volume 6, page 137, location Notices;

Of mill site No. 11, notice of location recorded in Volume 6, page 137, location Notices;

Of mill site No. 12, notice of location recorded in Volume 6, page 138, location Notices;

Stockpile mill site, No. 2, notice of location recorded in Volume 7, page 111, location Notices;

The above description includes all lands of Lessors and being of record and recorded in the office of the County Recorder of the County of Inyo, State of California, reference to the same being hereby made for further particulars.

This Lease is made upon the following terms and conditions, each and every provision of which is hereby mutually understood and agreed upon:

1. As part consideration for this Lease, Lessee does promise and agree that he will faithfully perform all of those promises made in and upon the docketed and recorded mining claims thereof and otherwise and continuously prosecute such work or other operations thereon for the benefit and development of the leased premises, the work and labor to be worth not less than the sum of eighteen hundred dollars ($1,800.00), in the end and purpose that all governmental requirements for the performance of annual assessment work on unpatented mining claims for the mining year ending June 30, 1960, shall be fully met and observed; and that such work so performed shall be prosecuted with reasonable diligence and without any interruption except for causes beyond the control of Lessee; and that the proof of the performance of said work shall be filed or caused to be filed in the office of the County Recorder of the County of Inyo, State of California, upon completion thereof.

2. Lessors conditionally and vested for the right to occupy the leased premises and to take and extract ores and other valuable products therefrom, Lessee does promise and agree to pay to Lessors a royalty of ten

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per cent of the gross receipts received from the sale of ores, concentrates or other products taken and extracted from the demised premises and sold by lessee. For the purposes of this agreement, the term "gross receipts" is defined as being the price paid to lessee for such ores, concentrates or other products, after deducting therefrom transportation charges, smelter charges and treatment charges; but no deduction shall be made on account of costs of mining, milling or transportation to the point from which shipment is made to the consignee. Lessee agrees that he shall and will cause to be supplied to lessors a duplicate settlement sheet covering the sales of all ores, concentrates or other products taken and extracted from the demised premises.

It is further understood and agreed that in the event the amount of royalties paid to lessors during any twelve-month period prior to the first day of November of each year during the existence of this lease does not equal the sum of twenty-five thousand dollars ($25,000.00), then and in that event lessee shall pay to lessors on the first day of November a sum sufficient which when added to the amount of royalties theretofore paid during said twelve-month period will equal the sum of twenty-five thousand dollars ($25,000.00). Should the amount of actual royalties paid for any twelve-month period prior to the first day of November of any year exceed the sum of twenty-five thousand dollars ($25,000.00), then and in that event such excess shall be deemed a part and portion of and applied as a credit upon the royalties paid for the next succeeding twelve-month period; it being understood and agreed that lessors are entitled to receive a minimum annual royalty of twenty-five thousand dollars ($25,000.00), and that the first minimum annual royalty shall be due and payable on the first day of November, 1951. All sums received by lessors, whether by way of actual royalties or minimum royalties, shall be allowed as a credit upon and deemed a part of the total purchase price hereinafter agreed to be paid, in the event lessee shall exercise the option herein given to purchase the demised premises.

per cent of the gross receipts received from the sale of ore, concentrates or other products taken and extracted from the demised premises and sold by lessee. For the purposes of this agreement, the term "gross receipts" is defined as being the price paid to lessee for each ore, concentrates or other products, after deducting therefrom transportation charges, smelter charges and treatment charges; but no deduction shall be made on account of costs of mining, milling or transportation to the point from which shipment is made to the consumer. Lessee agrees that he shall not cause to be supplied to lessors a duplicate certificate showing the date of all ores, concentrates or other products taken and extracted from the demised premises.

It is further understood and agreed that in the event the annual of royalties paid to lessors during any 12-month period prior to the first day of November of each year during the existence of this lease does not equal the sum of twenty-five thousand dollars ($25,000.00), then and in this event lessee shall pay to lessors on the first day of November a sum sufficient which when added to the amount of royalties lessors paid during said twelve-month period shall equal the sum of twenty-five thousand dollars ($25,000.00). Upon the amount of annual royalties paid the two twelve-month periods prior to the first day of November of any year exceed the sum of twenty-five thousand dollars ($25,000.00), then and in that event such excess shall be deemed a part and portion of and applied as a credit upon the royalties paid for the next succeeding twelve-month period; it being understood and agreed that lessors are entitled to receive a minimum annual royalty of twenty-five thousand dollars ($25,000.00), and that the first minimum annual royalty shall be due and payable on the first day of November, 1951. All sums received by lessors, whether by way of annual royalties or minimum royalties, shall be allowed as a credit upon and deducted a 10% of the total payment made thereafter against the royalty. In the event lessee shall exercise the option herein given to purchase the demised premises,

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2. The term of this lease shall begin as of the date of these presents, and shall continue thereafter for such period of time as lessee shall promptly and punctually pay, meet, observe and perform each, all and every payment, term, condition and obligation incumbent upon him; subject, however, to termination as hereinafter set forth.

3. Lessee does further promise and agree that he will at his own cost and expense do and perform for the development and benefit of the demised premises all so-called annual assessment work which may be required by state and federal authorities, and that the same shall be performed within the time limited by statute; provided, however, that lessee may avail himself of all privileges and benefits which may be afforded him by virtue of the terms of any moratorium or other act suspending the requirements for performing of annual assessment work. Lessee further agrees that he will cause due proof of performance of such work to be made and recorded in the office of the County Recorder of the County of Mono, State of California, within the time limited by law. The obligation to perform the annual assessment work which is hereby made incumbent upon lessee shall continue throughout the entire term of this lease, unless lessee shall have, prior to the first day of June of any year during the existence of this lease, executed and delivered to lessors his quitclaim deed in termination of this agreement, and shall have notified lessors in writing that the same has been terminated.

4. Lessee does further promise and agree to and with lessors as follows:

(a) That he will promptly pay and discharge when due all claims of laborers, materialmen and others who may supply labor or materials in the development and operation of said mining premises, as well as in the improvement thereof, to the end and purpose that lessors and said premises shall be kept free and harmless of and from all liens of every name and nature; and that he will permit lessors to post and keep posted in a conspicuous place upon the demised premises one or more notices of nonresponsibility in the manner and form prescribed by law.

(b) That all work done and performed upon the demised premises shall be done in good and workmanlike manner and miner like fashion and

2. The term of this lease shall begin as of the date of these presents, and shall continue thereafter for such period of time as lessee shall actually and presently pay, have, discover and produce each, all and every royalty, rent, consideration and obligation hereinbefore upon duly exhibit, provided, in consideration an development and fixed.

3. Lessee does hereby covenant and agree that he will at his own cost and expense do and perform for the development and operation of the leased premises all annual assessment work which may be required by state and federal authorities, and that also same shall be performed within the time limited by statute; provided, however, that lessee may avail himself of all privileges and benefits which may be afforded him by virtue of the terms of any statutes or other act suspending the requirements for performing of annual assessment work. Lessee further agrees that he will cause the proof of performance of such work to be made and recorded in the offices of the County Recorder of the County of Inyo, State of California, within the time limited by law. The obligations to perform the annual assessments work which is to be made immediately upon lessee shall continue throughout the entire term of this lease, unless lessee shall have, prior to the first day of June of any year during the existence of this lease, recovered and authorized to receive the proceeds from sale of the ore, and shall have notified lessee of the existence of this agreement, and shall have notified lessee to working such the same has been accomplished.

4. Lessee does hereby covenant and agree to and with lessors as follows:

(a) That he will promptly pay and discharge when due all claims of laborers, materialmen and others who may supply labor or materials in the development and exploitation of said mining property, as well as in the improvement thereof, to the end that premises shall forever and pledge shall be kept free and therefrom of any lien or claim of every name and nature; and that he will permit lessors to work and keep posted in a conspicuous place upon the leased premises such notices of nonresponsibility in the manner and form prescribed by law.

(b) That all work done and performed upon the leasing premises shall be done in good and workmanlike manner and shall comply with

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according to the rules of good and economical mining within the area; that all underground workings shall be properly timbered at all points and that the shafts, drifts and tunnels shall be kept free and clear of loose rocks, debris and other waste materials.

(c) That he will not violate any of the laws, rules or regulations of the State of California or of the United States of America or any other governmental agency, and that he will particularly keep and observe all safety rules and regulations required or promulgated by the Industrial Accident Commission of the State of California and every other governmental agency.

(d) That all improvements of a permanent nature which he may place upon the demised premises, including timbering, gallows frames, underground railway tracks, building and other permanent structures, as well as any improvements now located thereon, shall be deemed a part of the premises and shall revert to lessors as their absolute property in the event of a termination of this agreement; that he will during all such times as the same may be required by the laws of the State of California, carry workmen's compensation insurance for the protection of all employees and others who may be engaged in the operation and/or development of the demised premises; and that he will also by appropriate insurance keep and save lessors free and harmless of and from all claims for damages for injuries and/or death resulting from injuries sustained by employees and/or others, whether as employees or otherwise, who may be in, upon or about said demised premises; and that he will at all times keep and save lessors free and harmless from all such claims of every nature whatsoever.

(e) That lessors or their duly authorized agent may at all reasonable and proper times, but at their own risk, enter into and upon the demised premises for the purpose of inspection and to see that the terms and conditions of this agreement are being fully met and observed.

(f) That the failure of lessors to object to any matter, whether of omission or commission, done or performed by lessee in violation of this agreement, shall not be deemed a waiver thereof unless so expressed in writing and signed by lessors; and in the event of any waiver on the part

according to the rules of good and accepted mining within the meaning that all underground workings shall be properly timbered or all unsafe and dangerous places, drifts and tunnels shall be kept free and clear of loose rocks, debris and other waste materials.

(c) That he will not violate any of the laws, rules or regulations of the State of California or of the United States of America or any other governmental agency, and that he will faithfully keep and observe all safety rules and regulations required or promulgated by the Industrial Accident Commission of the State of California and every other governmental agency.

(d) That all improvements of a permanent nature which he may place upon the leased premises, including dwellings, cabins, sheds, underground mining stope, building and other permanent improvements, in which he may be interested by the lease, shall be erected a least 50 feet from the premises and shall not be located on their surface, nearer to the center of a mineralization of said claims, and in will develop all such claims as the same may be required by the laws of the State of California, nearer to comparable improvements for the protection of all employees and others who may be engaged in the mining and/or development of the leased premises as the lessee will be required by the laws of the United States and rules and regulations from all such claims for designed for injurious and/or death resulting from injuries sustained by employees and/or others, whether as employees or otherwise, who may be injured or shall have damaged property and that he will at all times keep and save harmless the lessors and their heirs and assigns from and against any and all claims of every nature whatsoever.

(e) That lessors or their duly authorized agent may at all reasonable and proper times, but at their own risk, enter into and upon the leased premises for the purpose of inspection and to see that the terms and conditions of this agreement are being fully met and observed.

(f) That the failure of lessors to object to any breach or of omission or commission, done or performed by lessee in violation of this agreement, shall not be deemed a waiver thereof unless in writing and signed by lessors; and in no event of any waiver on the part

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of lessors the same shall not be deemed a continuing waiver unless so expressed in writing, as aforesaid.

5. It is mutually understood and agreed that should lessee default in the performance of any of the terms, covenants and conditions hereof and such default continue for a period of thirty days after written notice thereof duly made and served upon lessee, that lessors may, with or without process of law, enter into and upon said demised premises and remove all persons and property therefrom and have and repossess the same as in their former state, and all rights of lessee in and to said demised premises shall immediately terminate and be of no further force or effect, all damages for such entry and repossession being hereby expressly waived; and all sums theretofore paid by lessee to lessors shall be retained by lessors as their absolute property; provided, however, that anything herein notwithstanding, the failure of lessee to pay to lessors any of the royalties or other sums of money promptly as and when the same may become due and payable under the terms of this agreement shall entitle lessors at their option to terminate this agreement without any notice whatsoever, time being the essence hereof; provided further that if any of the matters complained of in the thirty day notice of default herein provided for be of such nature that the same can be corrected, and the same be corrected within said thirty day period, then and in that event such notices shall be of no effect as to termination hereof. It is further agreed that the remedy given to lessors under the terms of this paragraph shall not be the exclusive remedy afforded them, but they shall at all times be at liberty to puruse and have and receive the benefits of any other remedies, whether legal or equitable, provided by law.

6. Should lessee at any time desire to terminate this agreement and declare the same of no further force or effect, he shall be at liberty so to do upon executing and delivering to lessors or their duly authorized agent his deed of quitclaim or other appropriate instrument of conveyance, duly acknowledged so as to entitle it to be recorded; and upon the execution and delivery of such deed lessee shall be under no further obligation whatsoever to lessors, save and excepting the payment

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

of all royalties which may have accrued at the time of the execution and delivery thereof, and upon payment in full of any and all such royalties which may have become due this agreement shall be considered at an end and of no binding force upon any of the parties hereto. It is also agreed that lessee may at the time during the term hereof move or cause to be removed from the demised premises any buildings, fixtures, machinery or materials which he shall have placed upon said premises, providing the same be not of permanent nature and may be removed without damage to the demised premises.

7. Should either lessors or lessee institute legal action for the purpose of enforcing or having judicially determined any of their respective rights, duties or obligations as created by the terms of this agreement, then and in that event the party prevailing in such action shall be entitled to all costs and expenses necessarily incurred in the institution and prosecution thereof, including a reasonable attorney's fee to be fixed by the Court.

8. Lessee agrees to occupy and hold all cross or parallel lodes, dips, spurs, feeders, crevices or mineral deposits of any kind which may be discovered in working under this lease by lessee or any person working under him, as the property of lessors, with the privilege to lessee of working the same as appurtenant to said premises during the term hereof, and not to locate or record the same or allow the same to be located or recorded, except in the names of lessors.

9. In consideration of the performance of all the terms, covenants and conditions herein incumbent upon lessee, lessors have given and granted and do hereby give and grant unto lessee the exclusive right and option to purchase the demised premises for a total purchase price of three hundred fifty thousand dollars ($350,000.00). Lessee shall be entitled to exercise said option at any time prior to the termination of this lease, but upon the condition that at the time of the exercise of said option he be not in default in the performance of any of the terms,

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cpvenants and conditions of this agreement. Lessors do further agree that when but not until lessee has paid to lessors the sum of three hundred and fifty thousand dollars ($350,000.00), whether by way of royalties or otherwise, they will execute and deliver to lessee or his nominee a good and sufficient deed conveying title to said demised premises, free and clear of all encumbrances but subject also to such liens as may have been placed or caused to be placed thereon as a result of any act or acts on the part of lessee.

10. Notices, demands and communications shall be deemed validly served and given when deposited in any United States post office within either the County of Mono or the County of Inyo, by registered mail with postage thereon fully prepaid, and unless otherwise notified in writing, if intended for lessors to be directed to them in care of H. A. VAN LOON at BISHOP, CALIFORNIA, and if intended for lessee to be directed to him at BISHOP, CALIFORNIA, and the date appearing upon the registry receipt shall be deemed prima facie evidence of the date upon which such service was made.

11. All taxes and assessments levied and assessed against the demised premises during the term of this lease shall be paid by LESSEE.

12. This agreement shall inure to the benefit of and be binding upon the heirs, executors, administrators and assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands the day and year first above written.

H. A. VAN LOON (signed)

BELVA B. VAN LOON

By H. A. VAN Loon,
Her Attorney-in-fact

J. E. MOREHARDT (signed)

GENEVIEVE MORHARDT (signed)

DEAN W. KNIGHT

By J. E. Riley
His Attorney-in-fact

BEATRICE M. KNIGHT

By J. E. Riley
Her Attorney-in-Fact

covenants and conditions of this agreement. Leasee is further agree that when but not until Leasee has paid to Leasor the sum of three hundred and fifty thousand dollars ($350,000.00), whether by way of royalties or otherwise, they will assume sole obligation to insure or hold harmless a good and sufficient deed conveying title to said described premises, free and clear of all encumbrances but subject also to such liens as may have been placed or caused to be placed thereon as a result of any act or omission on the part of Leasee.

10. Notices, demands and communications shall be deemed validly served and given when deposited in any United States post office within either the County of Inyo or the County of Kern, by registered mail with postage thereon fully prepaid, addressed otherwise indicated in writing. It desired for Leasee to be addressed to them in care of M. A. VAN HOOK at KERNVILLE, CALIFORNIA, and if desired for Leasor to be addressed to him at BISHOP, CALIFORNIA, and the date appearing upon the registry receipt shall be deemed prima facie evidence of the date upon which such service was made.

11. All terms and conditions herein shall be deemed against the demised premises during the term hereof shall be paid by Lessee.

12. This agreement shall inure to the benefit of and be binding upon the heirs, successors, administrators and assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands the day and year first above written.

M. A. VAN HOOK (Seal)
Lessee

BLACK ROCK MINING CORP.
P.O. BOX 1031
BISHOP, CALIFORNIA

By M. A. Van Hook
Its President-in-fact

S. C. CONFORTI (Seal)
Lessee

CHARLOTTE CONFORTI (Seal)
Lessee

LEAH M. HOWARD

By L. T. Hilley
Its Attorney-in-fact

MARGARET M. HILLEY

By M. A. Hilley
Its Attorney-in-fact

GENE G. CROSBY
By J. E. Riley
His Attorney-in-Fact

GLADYS C. CROSBY
By J. E. Riley
Her Attorney-in-Fact

H. H. LUCE
By J. E. Riley
His Attorney-in-Fact

MARGARET B. LUCE
By J. E. Riley
Her Attorney-in-Fact

J. E. RILEY (signed)

GERTRUDE B. RILEY (signed)

HOWARD R. WILSON
By J. E. Riley
His Attorney-in-Fact

DORIS WILSON
By J. E. Riley
Her Attorney-in-Fact

A. L. FONTAINE
By J. E. Riley
His Attorney-in-Fact

C. H. HALL (signed)

PHYLLIS D. FONTAINE
By J. E. Riley
Her Attorney-in-Fact

LESSEE

LESSORS

STATE OF CALIFORNIA)
) ss
County of Inyo)

On this 23rd day of September, 1950, before me, the undersigned, a Notary Public in and for said County and State, personally appeared H. A. VAN LOON, J. E. MORHARDT and GENEVIEVE MORHARDT, husband and wife, J. E. RILEY and GERTRUDE B. RILEY, husband and wife, and C. H. HALL, known to me to be the persons whose names are subscribed to the within instrument, and they and each of them acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Notary Public in and for said
County and State

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

STATE OF CALIFORNIA)
) ss.
County of Inyo)

On this 23rd day of September, 1950, before me, the undersigned, a Notary Public in and for said County and State, personally appeared H. A. VAN LOON, known to me to be the person whose name is subscribed to the within instrument as the attorney-in-fact of BELVA B. VAN LOON, and acknowledged to me that he subscribed the name of BELVA B. VAN LOON thereto as principal and his oun name as attorney-in-fact for her.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Notary Public in and for said
County and State.

STATE OF CALIFORNIA)
) ss.
County of Inyo)

On this 23rd day of September, 1950, before me, the undersigned, a Notary Public in and for said County and State, personally appeared J. E. RILEY, known to me to be the person whose name is subscribed to the within instrument as the attorney-in-fact of DEAN W. KNIGHT and BEATRICE M. KNIGHT, husband and wife, GENE G. CROSBY and GLADYS C. CROSBY, husband and wife, H. H. LUCE and MARGARET B. LUCE, husband and wife, HOWARD R. WILSON and DORIS WILSON, husband and wife, and A. L. FONTAINE and PHYLLIS D. FONTAINE, husband and wife, and acknowledged to me that he subscribed the names of DEAN W. KNIGHT, BEATRICE M. KNIGHT, GENE G. CROSBY, GLADYS C. CROSBY, H. H. LUCE, MARGARET B. LUCE, HOWARD R. WILSON, DORIS WILSON, A. L. FONTAINE AND PHYLLIS D. FONTAINE thereto as principals and his own name as attorney-in-fact for each of the afore-mentioned persons.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Notary Public in and for said
County and State.

BLACK ROCK MINING CORP.
P.O. BOX 1031
BISHOP, CALIFORNIA

ASSIGNMENT OF CONTRACT

THIS INDENTURE, Made this first day of March, 1951, by and between C. H. HALL and MARY E. HALL, husband and wife, now of Manhattan Beach, California, first parties, hereinafter referred to as Assignors, and BLACK ROCK MINING CORPORATION, a corporation organized and existing under and by virture of the laws of the State of Nevada, and having its principal place of business at 207 Clarke Street, Bishop, California, second party, hereinafter referred to as Assignee,

W I T N E S S E T H:

WHEREAS, C. H. Hall, one of the Assignors hereinabove named, did on or about the 23rd day of September, 1950, make and enter into a certain agreement in writing wherein H. A. VAN LOON and BELVA B. VAN LOON, husband and wife, J. E. MORHARDT and GENEVIEVE MOREHARDT, husband and wife, all of Inyo County, California, and GENE G. CROSBY and GLADYS C. CROSBY, husband and wife, of Mono County, California, and H. H. LUCE and MARGARET B. LUCE, husband and wife, and J. E. RILEY and GERTRUDE B. RILEY, husband and wife, all of Reno, Nevada, and HOWARD R. WILSON and DORIS WILSON, husband and wife, of Oakland, California, and A. L. FONTAINE and PHYLLIS D. FONTAINE, husband and wife, of Las Vegas, Nevada, were named as first parties and said C. H. Hall was named as second party, by the terms of which said agreement the said C. H. Hall acquired certain rights and priviliges with respect to the certain unpatented mines or mining claims and unpatented mill sites, sometimes known as the "Scheelore Mine", situate in the County of Mono, State of California, reference to said agreement being hereby made, and

WHEREAS, Assignee is desirous of acquiring and succeeding to all the right, title and interest of Assignors in and to said agreement and in and to the interest of Assignors in and to said mining claims as evidenced by said agreement, now therefore,

BLACK ROCK MINING CORP
P. O. BOX 1001
BISHOP, CALIFORNIA

FOR AND IN CONSIDERATION of the sum of ten dollars ($10.00) and other consideration not herein recited, Assignors do hereby sell, assign, transfer and set over unto Assignee all the right, title, and interest of Assognors in and to said agreement and all the right, title and interest of Assignors in and to said Scheelore group of mining claims and mill sites as evidenced by said agreement, but subject, however, to the performance by or on behalf of Assignee of all the terms, covenants and conditions of said agreement.

Assignors do hereby represent and declare to Assignee that they, the said Assignors, are not on the date hereof in default in the performance of all or any of the terms, covenants and conditions of said agreement and that said agreement is on the date hereof in full force and effect.

TO HAVE AND TO HOLD the same unto said Assignee, its successors, and assigns, but subject, however, to the performance of the terms, covenants and conditions thereof.

IN WITNESS WHEREOF, Assignors have hereunto set their hands the day and year first above written.

C. H. Hall

Mary E. Hall

STATE OF CALIFORNIA)
)ss
County of Los Angeles)

On this _____ day of _____, 1951, before me, the undersigned, a Notary Public in and for the said county and state, personally appeared C. H. Hall and Mary E. Hall, known to me to be the persons whose names are subscribed to the within instrument and they and each of them acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Notary Public in and for the said County and State.

[illegible] AND IN CONSIDERATION of the sum of ten dollars ($10.00) and other consideration not merely nominal, receipt of which is hereby acknowledged, [illegible] and [illegible] and [illegible] all the right, title and interest of assignors in and to said agreement and all the right, title and interest of assignors in and to said [illegible] group of mining claims and [illegible] as evidenced by said agreement, and subject thereto, the performance by or on behalf of assignors of all the terms, covenants and conditions of said agreement.

Assignors do hereby represent and declare to assignee that the said assignment, as set out on the date hereof is subject to the terms of all or any of the terms, covenants and conditions of said agreement and that said agreement is in the date hereof in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto set their hands the day and year first above written.

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

G. R. [illegible]

[illegible]

STATE OF CALIFORNIA)
County of Los Angeles)ss

On this _____ day of _____, 19__, before me, the undersigned, a Notary Public in and for the said County and State, personally appeared G. R. [illegible] and [illegible], [illegible] to be the persons whose names are subscribed to the within instrument and [illegible] acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Notary Public in and for the said County and State.

MF-202 Project No. 1376

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned are the owners in fee simple of that certain parcel of ground in the County of MONO, State of CALIFORNIA, known as the Scheelore Mine, described in a certain Exploration Project Contract dated August 8, 1951, between BLACK ROCK MINING CORPORATION the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessors of said property under lease dated 23rd September, 1950, does by these presents subordinate all of their right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersignd's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this Sixth day of June, 1951.

H. A. Van Loon

H. A. Van Loon

Belva B. Van Loon

H. A. Van Loon

By

Her Attorney-in-fact

J. E. Morehardt

J. E. Morehardt

Genevieve Morhardt

Genevieve Morhardt

[illegible]

[illegible]

[illegible]

Dean W. Knight

Dean W. Knight

By J. E. Riley

His Attorney-in-fact

Beatrice M. Knight

Beatrice M. Knight

By J. E. Riley

Her Attorney-in-fact

Gene G. Crosby

Gene G. Crosby

By J. E. Riley

His Attorney-in-fact

Gladys C. Crosby

Gladys C. Crosby

By J. E. Riley

Her Attorney-in-fact

H. H. Luce

H. H. Luce

By J. E. Riley

His Attorney-in-fact

Margaret B. Luce

Margaret B. Luce

By J. E. Riley

Her Attorney-in-fact

J. E. Riley

J. E. Riley

Gertrude B. Riley

Gertrude B. Riley

Howard R. Wilson

Howard R. Wilson

By J. E. Riley

His Attorney-in-fact

Doris Wilson

Doris Wilson

By J. E. Riley

Her Attorney-in-fact

A. L. Fontaine

A. L. Fontaine

By

His Attorney-in-fact

Phyllis D. Fontaine

Phyllis D. Fontaine

By

Her Attorney-in-fact

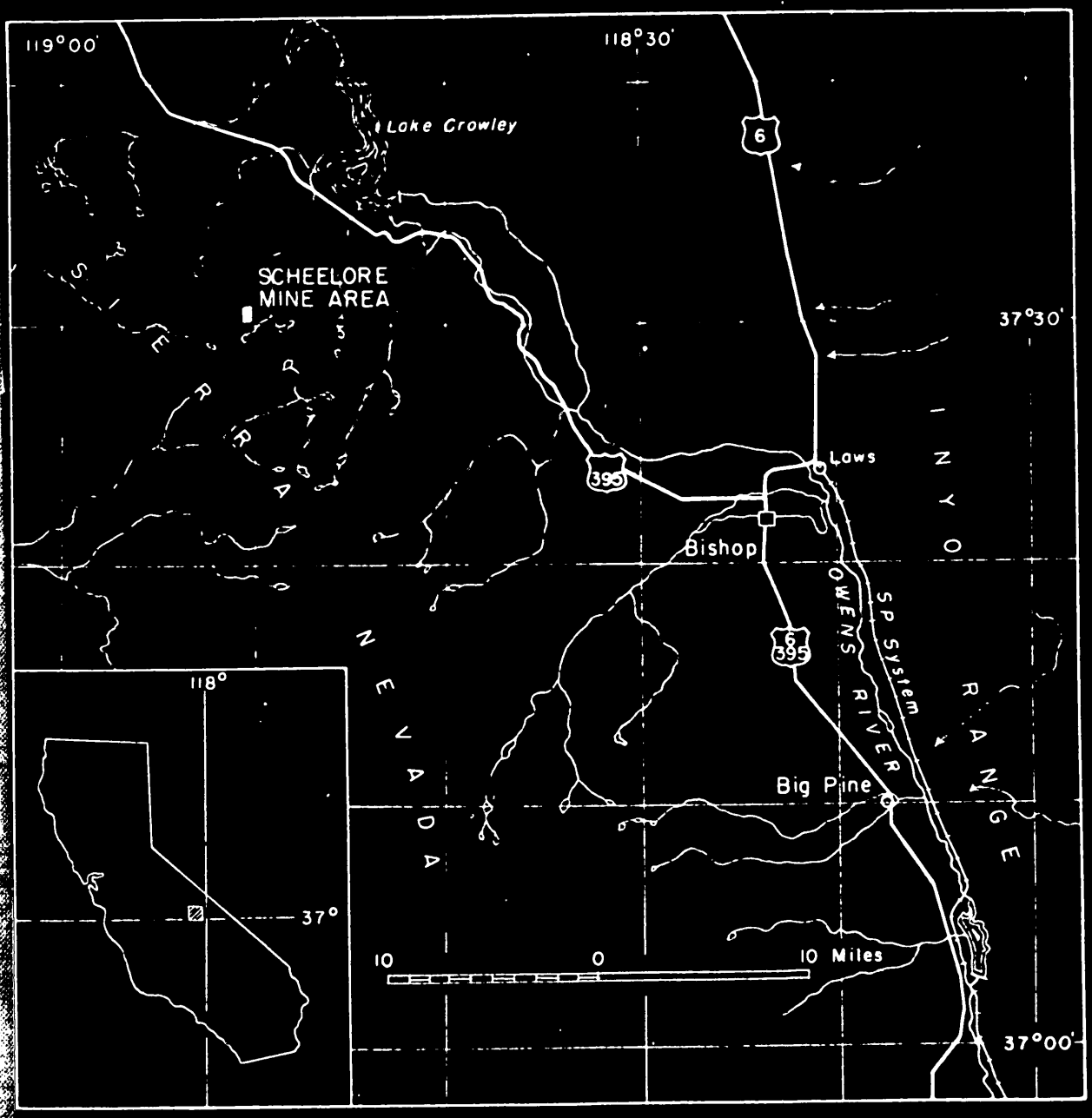

Figure 1. Index map showing location of the Scheelore Tungsten Mine, Mono County, California

THE REQUIREMENTS AND COSTS

23. This section of the Application of Black Rock Mining Corporation for aid for a tungsten exploration project at the Scheelore Mine, Mono County, California, D. M. A. Docket Number 1376; D. M. A. Serial Number 1222, and G. S. A. Authorization Certificate Number 9 - 75; has been re-estimated and is re-submitted herein.

The difference in total cost is because the operator is now able to contract the diamond drilling with the firm of Palmer & Decker of Bishop, California. This firm will contract to drill 5,740 feet EX hole in solid formation for a flat price of $6.00 per foot, and 390 feet of drilling through the areas of talus and glacial till for $10.00 per foot.

Under the proposed contract it is agreed between Operator and Contractor that:

Operator will furnish:

Repairs to roads and bridges.
Repairs to rehabilitate upper camp.
Repairs to pipe lines.
Roads to drilling sites.
Engineering and Supervision.

Contractor will furnish:

Diamond Drilling equipment.
All Drilling labor.
Maintain camp for drill crew.
Maintain mess hall for drill crew.
Fuel and lubricants for drills.
Air compressor.

Under this plan of procedure, the Requirements and Costs of the project are estimated as follows:

The total estimated cost of the project in which the Government will participate is ~~$72,395.50~~ 66,265.50 C.M.D., which is estimated as follows:

a. Labor:

(Operator's Account Only)

Class	Rate	Period	Total	
Laborers	$1.80	800 hrs.	$ 1,440.00	
Miner	2.00	800 hrs.	1,600.00	
Mucker	1.80	800 hrs.	1,440.00	
Carpenter	3.00	144 hrs.	432.00	
Carpenter's Helper	2.00	144 hrs.	288.00	
Truck driver	2.00	800 hrs.	1,600.00	$ 6,800.00

b. Supervisors:

1 Engineer - Geologist @ $500.00/Mo. 12 Mos. 6,000.00

(To be inserted)

BLACK ROCK MINING CORP.
P. O. BOX
BISHOP, CALIFORNIA

23. (continued)

c. Repairs to upper camp bunk house and mess hall	$ 750.00	
Repairs to roads and bridges	2600.00	
Repairs to pipe lines	500.00	$ ~~3,850.00~~
d. No additional construction necessary.		
e. Equipment to be purchased will be:		
Gasoline powered Hi pressure water pump	800.00	
1000 feet each ½ inch and 1 inch pipe and fittings	360.00	
Tools	150.00	
150 Core boxes @ $3.25 each	487.50	1,797.50
f. Equipment Rental:		
1 D-8 Caterpillar Bulldozer, fully operated 400 hours @ $12.00/Hour		4,800.00
g. Rental value of equipment, etc.		
1 Half-ton pickup truck, 12 Mos. @ $33.00/Month		390.00
2 Rock Drills with attachments, steel and bits, 2 months @ $33.00/ Month		66.00
~~1 1-½Ton 4 x 4 Truck 12 Mos @ $66.00/Month~~		~~792.00~~
h. Cost of Materials and Supplies:		
Lumber, Nails, Hardware, Tar paper	300.00	
Bridge Timber and Bolts	350.00	
Explosives	250.00	
Miscellaneous supplies	800.00	1,700.00
i. Cost of Items not included above:		
Payroll Taxes	550.00	
Industrial Accident Insurance	580.00	
Miscellaneous	600.00	1,730.00

(To be inserted)

BLACK ROCK MINING CORP.
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BISHOP, CALIFORNIA

23. (continued)

Summary of Costs

a. Labor (exclusive of drilling contract)	$ 6,800.00
b. Supervision	6,000.00
~~c. Repairs~~	~~3,850.00~~ CWD
d. Construction (None)	- 0 -
e. Equipment	1,797.50
f. Rentals	4,800.00
g. Rentals value of Operators Equipment	1,248.00
h. Supplies	1,700.00
i. Other Items	1,730.00

Contract Price on 6,130 feet of diamond drilling from Palmer & Decker, Bishop, California:

5,740 feet in Rock @ $6.00/Ft.	34,440.00
390 feet in talus @ $10.00/Ft.	3,900.00
	$66,265.50
~~Contingency Allowance @ $1.00 per Foot~~	~~6,130.00~~ C.M.D.
~~Grand Total~~	~~$72,395.50~~

(to be inserted)

BLACK ROCK MINING CORP.
P. O. BOX
BISHOP, CALIFORNIA

APPLICATION OF

BLACK ROCK MINING CORPORATION

Bishop, California

FOR AID FOR A TUNGSTEN EXPLORATION PROJECT

at the

SCHEELORE MINE

Pursuant to Mineral Order 5

Defense Production Act of 1950

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

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EXHIBITS

I Title Documents

II Index Map

III Geology and Assay Map

IV Drill Hole Engineering Data

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

Form MF - 103
(April, 1951)

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

U. S. DEPARTMENT OF THE INTERIOR

Defence Minerals Administration

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 1376 X

Date received 5-31-51

Participation

(BLACK ROCK MINING CORPORATION)
Post Office Box 1031
(Bishop, California)

Name and address of applicant

Date May 26, 1951

Fill in this Block

Date of Application

Estimated Cost $82,896.60

Mineral or Metal Tungsten-Scheelite

Percentage of Government Participation 75%

Location of Mine Scheelore Mine In Mono County, 45 Miles Northwest of Bishop, California

THE APPLICANT

1. The Applicant is BLACK ROCK MINING CORPORATION, a corporation organized under the laws of the State of Nevada.

2. Applicant is not a partnership.

3. The Officers of Black Rock Mining Corporation and their addresses are as follows:

K. C. Li, President, 233 Broadway, New York, New York

Carl M. Dice, Vice President, 233 Broadway, New York, New York

T. F. Moran, Vice President, 233 Broadway, New York, New York

J. H. Hirst, Secretary, 233 Broadway, New York, New York

C. H. Hall, Treasurer, P. O. Box 1031, Bishop, California

The Directors of Black Rock Mining Corporation and their addresses are:

K. C. Li, 233 Broadway, New York, New York

Carl M. Dice, 233 Broadway, New York, New York

Richard C. Patterson, Jr., 233 Broadway, New York, New York

T. F. Moran, 233 Broadway, New York, New York

J. H. Hirst, 233 Broadway, New York, New York

The only stockholder is: Wah Chang Corporation, 233 Broadway, New York, New York.

4. a. Black Rock Mining Corporation is the tungsten mining subsidiary of Wah Chang Corporation, which has 35 years of world-wide experience in mining, milling, and refining tungsten ores.

b. The men in charge have had the following number of years of experience in tungsten mining:

K. C. Li	-	40 years
C. M. Dice	-	16 years
C. H. Hall	-	16 years

5. Applicant is the sub-lessee of the property.

6. Applicant is not the owner but there are no claims, liens, or encumbrances against the property.

7. The leasehold is in good standing. The chain of title to applicant and list of papers, "Exhibit I", documenting this chain of title are as follows:

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

7. (continued)

Document	Title	Date
Number 1	" Memorandum of Lease and Option to Purchase Mining Claims"	September 23, 1950
Number 2	"Assignment of Contract"	March 1, 1951

8. Please refer to Black Rock Mining Corporation Application for Aid for a Tungsten Exploration Project, Black Rock Mine, for complete Financial Statement and Profit and Loss Statement, dated May 23, 1951.

9. Applicant is prepared to invest $20,724.15, which is sufficient to pay its part of the cost of the proposed project in accordance with the regulation on Government participation Section 9 of Mineral Order 5.

THE PROPERTY

10. The real property that will be involved in this exploration project is composed of eighteen (18) unpatented mining claims as follows:

UPPER McGEE NO. 1 lode claim, WHITE TOP NO. 1 mining claim, WHITE TOP NO. 2 claim, WHITE TOP NO 3, mining claim, C# IN ALT NO. 1, C# IN ALT NO. 2, mining claim, C# IN ALT NO. 3 mining claim, C# IN ALT. NO. 4 mining claim, C# IN ALT NO. 5 mining claim, C# IN ALTISSIMO mining claim, C# ALTISSIMO NO. 2 mining claim, SCHEELORE EXTENSION No. 1 mining claim (placer), SCHEELORE EXTENSION No. 2 mining claim, SCHEELORE EXTENSION NO. 3 mining claim, SCHEELORE EXTENSION No. 4 mining claim, SCHEELORE EXTENSION No. 5 mining claim, SCHEELORE EXTENSION No. 6 mining claim, SCHEELORE EXTENSION No. 7, mining claim;

and thirteen (13) unpatented mill site claims as follows:

C# MILL SITE No. 1, C# MILL SITE No. 2, C# MILL SITE No. 3, C# MILL SITE No. 4, C# MILL SITE No. 5, C# MILL SITE No. 6, C# MILL SITE No. 7, C# MILL SITE No. 8, C# MILL SITE No. 9, C# MILL SITE NO. 10, C# MILL SITE No. 11, C# MILL SITE No. 12, SCHEELORE MILL SITE No. 2.

The above described notices of location all being of record in the office of the County Recorder of Mono County, California.

b. The exploration will be conducted upon the C# ALTISSIMO and C# ALTISSIMO No. 1, and the C# IN ALT. No. 1, and C# IN ALT. No. 2 mining claims, as described above.

11. This property is and has been known only as the Scheelore Mine.

12. The property is located on the eastern slope of the Sierra Nevada Mountains, in Southern Mono County, at latitude 37° - 30' 30" North and longitude 18° - 50' 26" West. It is accessible by means of a ten mile dirt road which follows McGee Creek and joins U. S. Highway No. 395, at a point 35 miles north of Bishop, California. See "Exhibit II". The closest standard gauge railroad is the Southern Pacific branch line at Lone Pine, California, 60 miles south of

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

12. (continued)

Bishop. However, a Southern Pacific narrow-gauge line extends to Laws, California, 4 miles north of Bishop, on Highway U. S. No. 6.

13. a. Ample water is available throughout the year for all purposes, from lakes and streams on the property.

b. Approximately 200 HP will be necessary for the project for which diesel power can be furnished at a cost of approximately 3¢ per HP hour. No electric power is available on the property at present.

14. Fully equipped bunk house and boarding house facilities for 25 men are available on the property.

15. Ore can be hauled by truck to the U. S. Vanadium Company custom mill at Pine Creek, a distance of approximately 47 miles, or, if sufficient tonnage is developed to warrant such a program, a mill could be built on the property.

16. History:

a. The deposit was discovered and the claims located in 1940 by J. E. Morehardt of Bishop, California, and a 10 mile access road was constructed in 1942 to 1944. During this period the property was operated by Mr. Morehardt and H. A. Van Loon of Bishop. In 1946, Mr. J. E. Riley of Reno, Nevada, purchased a one-third interest in the property.

The only appreciable production obtained from the property was during the 1942-1944 period, when 880 units of WO_3 was extracted from scheelite-bearing talus by screening and gravity concentration in a plant erected on the property. In addition, approximately 100 tons of lode ore was removed from small open cuts and treated at a mill near Bishop.

In late 1950, the property was taken under option by C. H. Hall to be subsequently assigned to Black Rock Mining Corporation and the outcrops sampled. The results of this sampling are shown on the accompanying maps, "Exhibit III".

b. There are no operating mines in the immediate vicinity of the Scheelore mine.

c. Please refer to a preliminary report on this property by Paul C. Bateman of the U. S. Geological Survey entitled "The Scheelore Tungsten Mine, Mono County, California". Copy of this report is not presently available for this application, although permission has been granted for its use.

17. The property is not producing at this time.

18. a. The ore bodies of the Scheelore mine consist of contact-metamorphic tactite deposits typical of the region. The tactite bodies composed largely of garnet, are formed by the metamorphism of marblized limestones at and near their contact with intrusive quartz-monzonite. Tungsten, in the form of scheelite, is irregularly distributed throughout the tactite masses.

b. Available maps and assay data are attached. See "Exhibit III".

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18. (continued)

c. As no underground development work has been done on the property, no attempt has been made at this time to estimate ore reserves.

19. The U. S. G. S. report by Mr. Paul C. Bateman covers additional conditions and circumstances adequately.

THE EXPLORATION

20. This exploration will be conducted to locate additional reserves of tungsten ores whose tungsten bearing mineral is shceelite ($CaWO_4$). The ore occurs in tactite bodies formed by the pyrometasomatic alteration of limestone at and near its contact with intrusive quartz-monzonite.

21. This work will consist of 19 diamond drill holes totaling 6,130 feet, to be drilled from surface locations. The total time required for this work should not exceed 18 months. Please refer to "Exhibit IV" for specific data concerning these holes, including depth, inclination, bearing, and approximate depth of ore intercept.

22. For general geologic features and geologic maps and sections, we refer to question 18, parts "a" and "b" of this application. This diamond drill program has been planned to explore the downward extensions of oreshoots which outcrop at the surface, and to explore beneath certain talus covered areas to determine the possible existance of further oreshoots in those areas. The presence of relatively large bodies of economic ore exposed at the surface combined with geologic evidence in the form of favorably dipping beds with respect to the intrusive contact appears to furnish a sound geologic basis for such a program.

THE REQUIREMENTS AND COSTS

23. The total estimated cost of the project in which the Government will participate is $82,896.60, which is itemized as follows:

a. Labor:

Class	Rate	Period	Total	Total
D D Operator	$3.00/hr.	3065 Hr.	$ 9,195.00	
DD Helper	2.00/hr.	3065 Hr.	6,130.00	
Truck Driver	2.00/hr.	3000 Hr.	6,000.00	
Miner	2.00/hr.	800 Hr.	1,600.00	
Mucker	1.80/hr.	800 Hr.	1,440.00	
Cook	200.00/mo.	12 Mo.	2,400.00	
Cook's Helper	175.00/mo.	12 Mo.	2,100.00	
Mechanic	2.00/hr.	3000 Hr.	6,000.00	$34,865.00

b. Supervisors:

1 Engineer-Geologist, 12 Months @ $500.00/Mo. 6,000.00

c. No repairs necessary to existing facilities, structures, or buildings.

BLACK ROCK MINING CORP.
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23. (continued)

d. No additional construction necessary.

e. No additional purchased equipment necessary.

f. Equipment Rental:

1. D-8 Caterpillar Tractor with bulldozer (fully operated) 400 hr. @ $12.00/hr.	$4,800.00	
1 500 c.f.m. Diesel Compressor, 2 months @ $818.00/mo.	1,636.00	
1 1,000 ft. Surface Diamond Drill rig, with attachments, 12 months @ $500/Mo.	6,000.00	$ 12,436.00

g. Rental value of equipment now owned by operator which will be used on this project:

1 Half-ton Pickup Truck, 12 Mo. @ $75.00/Mo.	900.00	
2 Rock drills with attachments, steel and bits, 2 mo. @ $75.00/Mo. each	300.00	
1 1½ Ton 4 x 4 Truck, 12 Mo. @ $150./Mo.	1,800.00	3,000.00

h. Cost of Materials and Supplies:

Diamond Drill Bits	3,778.00	
Fuel and Lubricants	1,716.00	
Groceries	4,800.00	
Miscellaneous Supplies	800.00	11,094.00

i. Cost of Items not included above:

Payroll Taxes	1,569.00	
Industrial Accident Insurance	1,620.00	
Miscellaneous	1,500.00	4,689.00

BLACK ROCK MINING CO.
BLACK ROCK, ARIZONA

Summary of Costs

a. Labor	$34,865.00
b. Supervision	6,000.00
c. Repairs None	- 0 -
d. Construction None	- 0 -
e. Equipment None	- 0 -
f. Rentals	12,436.00
g. Rental value of Operator's Equipment	3,000.00
h. Supplies	11,094.00
i. Other Items	4,689.00
	72,084.00
15% Contingency Allowance	10,812.60
Grand Total	$82,896.60

BLACK ROCK MINING CORP.
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BISHOP, CALIFORNIA

24. Although the total time required for this project has been estimated at 18 months, only 12 months of this time will be consumed in actual work. It is expected that six months working time will be lost during the winter of 1951-1952 due to snow conditions. The estimated time schedule showing progress and expenditures is as follows:

Month	Footage Drilled	Expenditures
1	- 0 -	$ 6,868.76
2	557	10,667.08
3	557	6,535.07
4	558	6,535.08
5	557	6,535.07
(6, 7, 8, 9, 10, & 11)	Lost due to snow	
12	557	6,535.08
13	557	6,535.08
14	558	6,535.08
15	557	6,535.07
16	557	6,535.08
17	557	6,535.08
18	558	6,535.07
	6,130	$82,896.60

This schedule predicated on starting work by July 1, 1951. If work started later than this date schedule will have to be revised because of heavy snows expected in November or December.

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.

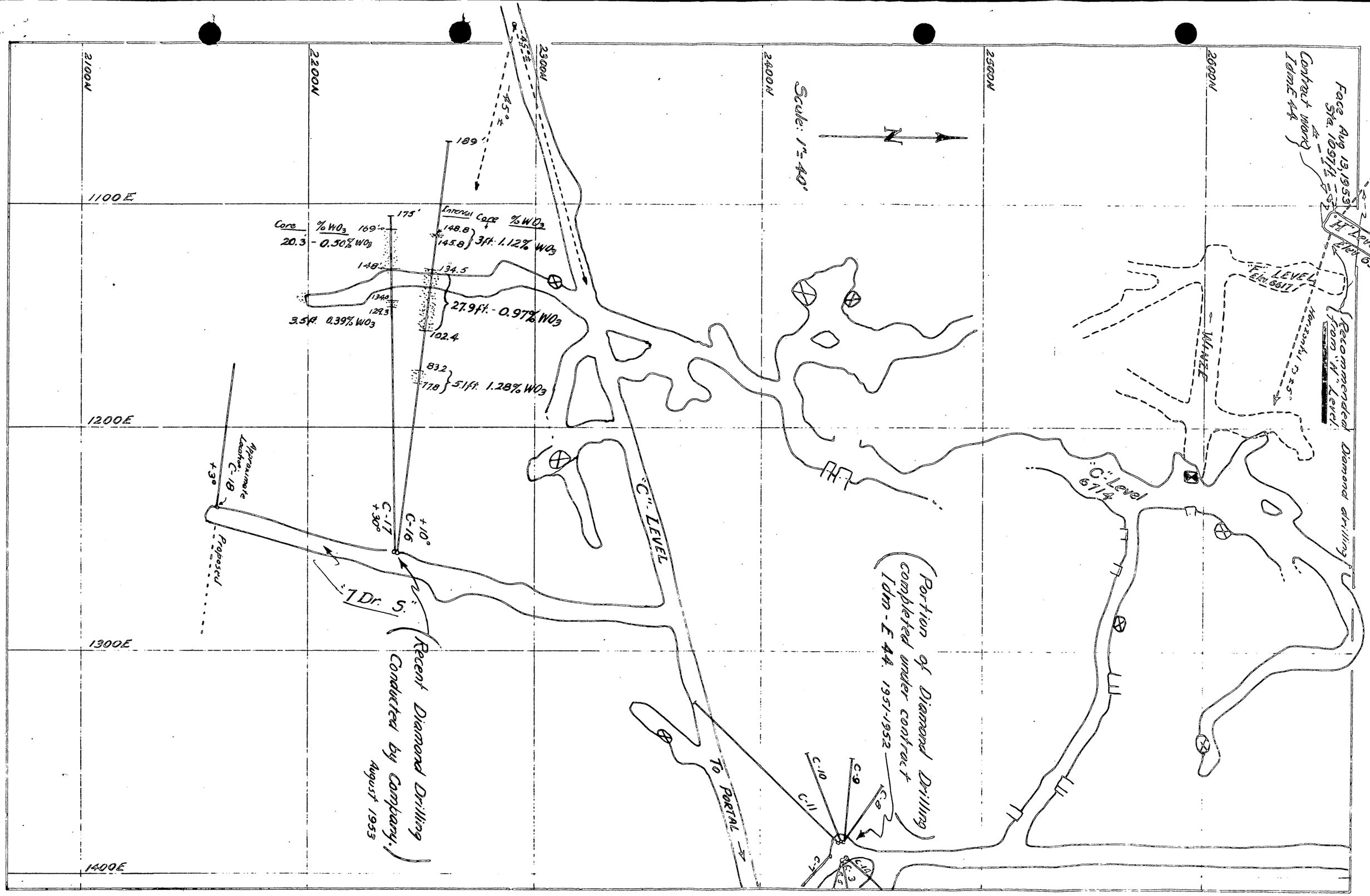
BLACK ROCK MINING CORPORATION

By _____
(Signature of Authorized Officer)

May 26, 1951

Manager

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA



Composite Sketch, portion of Black Rock Mine, "C", "F" & "H" Level; Mono County, California; Contract Idm-E 44 Figure 1

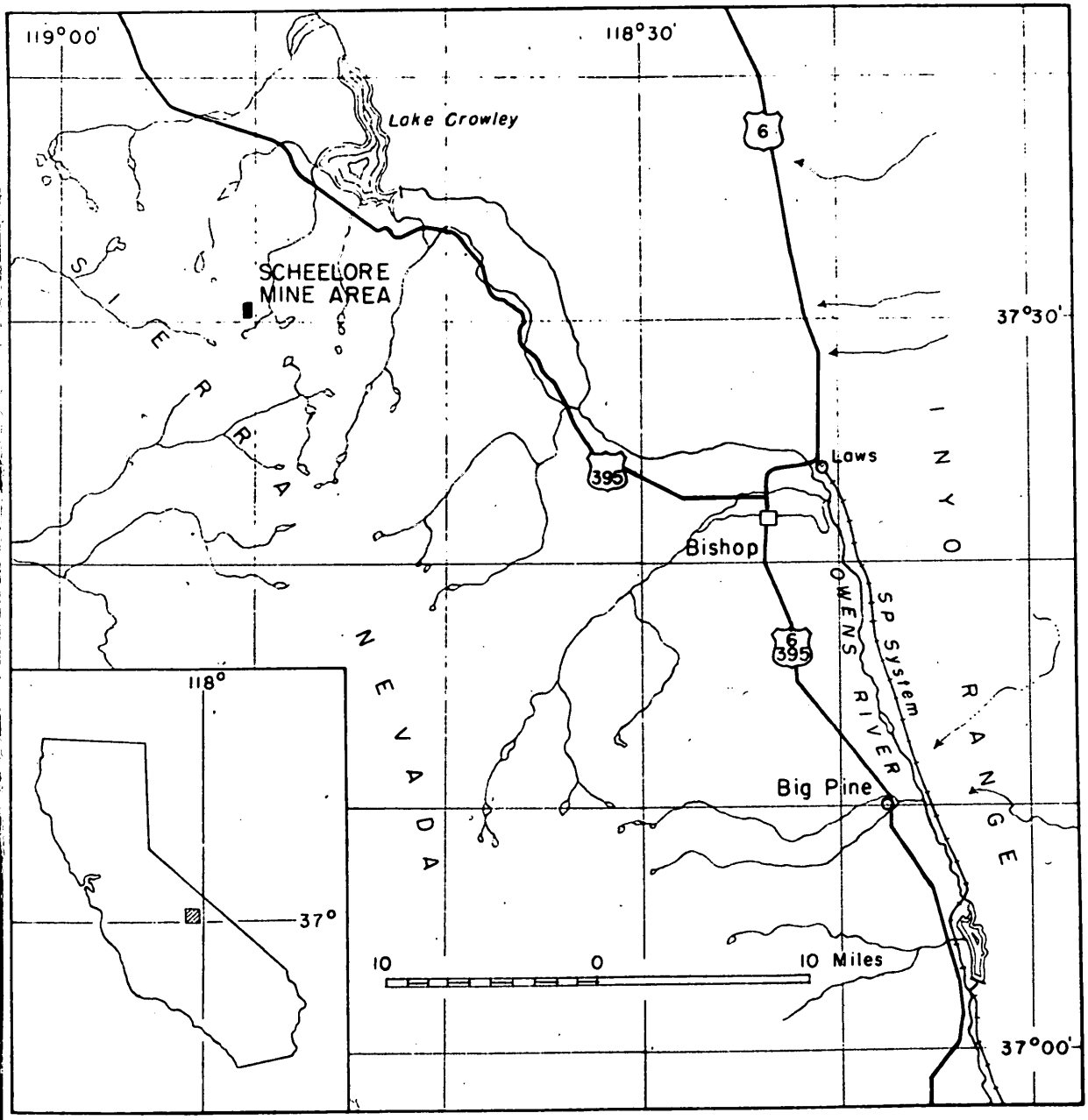


Figure I. Index map showing location of the Scheelore Tungsten Mine, Mono County, California

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-1377X

Date received M.S. 1223

Black Rock Mining Corporation
Post Office Box 1031
Bishop, California

Name and address of applicant

Date June 6, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity Certificate pursuant to the provisions of Section 124 of the Internal Revenue Code 1950~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

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

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

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

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

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
K. C. Li - 22 Thompson Pk. Glen Cove, N.Y.	President D	None	Substantial	None	None	None	None
Carl M. Dice - 252 Littleworth Lane, Glen Cove, NY	Vice Pres. D	Began Business 2/1/51	Nominal	"	"	"	"
Richard C. Patterson, Jr. 111 Broadway, N.Y.C.	Director		Substantial	"	"	"	"
Thomas F. Moran - 29 Kenwood Rd., Garden City, NY	Director		Nominal	"	"	"	"
J. H. Hirst - 294 Gregory Ave., West Orange, N.J.	Secretary D		"	"	"	"	"
C. H. Hall - 1512 Highland, Manhattan Beach, Calif.	Treasurer		"	"	"	"	"
Wah Chang Corporation 233 Broadway, N.Y.C.					1000		
	Total		x x x x x		1000	x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ 1000 shs.	$ -0-	$ no par	-0-	-0-
Preferred stock	$ 100,000	$ 100,000	$ 100	1000	-0-

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	Tungsten Ore	—	—	—	5,000 short tons
2. Quantity of product processed (specify unit of measure and type of process)	—	—	—	—	—
3. Quantity and grade of product sold or shipped (specify units of measure)	Tungsten Ore	—	—	—	5,000 Sh. T @ 0.4% WO_3

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

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral [illegible]sit briefly. Accompany the application by a[illegible]vailable report on the geology and ore reserves.

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

BLACK ROCK MINING CORPORATION
(Name of company)

By C. H. Wall
(Signature of authorized official)

June 6, 1951
(Date)

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—63792-1

GENERAL TECHNICAL DATA

1. a. Chief mine product is tungsten as scheelite ($CaWO_4$).

   b. There are no byproducts.

2. Black Rock tungsten mine.

   a. No shafts.

   b. Drifts and crosscuts - 3,345 feet.

   c. Tunnels and adits - 800 feet.

   d. Winzes - 110 feet. Raises - 800 feet. Open Cuts - 750 feet. Mine is not flooded in any part.

3. a. The Black Rock Mine lies north of Bishop, California, a distance of 34 miles.

   b. Chidago Mining District.

   c. Secs. 14 & 23, T. 3S, R. 31E, M. D. B & M.

   d. Mono County, California.

4. a. Property is now being operated by the applicant.

   b. The applicant is operating the property as a lessee.

5. The property has been operated by the applicant since August, 1950.

6. Please refer Exploration Loan Application, Docket No. 1377.

7. Please refer Exploration Loan Application, Docket No. 1377.

8. Please refer Exploration Loan Application, Docket No. 1377.

9. Please refer to attached printed form.

10. Please refer to attached printed form.

11. No change in average monthly production is contemplated at this time.

12. Please refer Exploration Loan Application, Docket No. 1377.

13. Please refer Exploration Loan Application, Docket No. 1377.

14. Please refer Exploration Loan Application, Docket No. 1377.

15. Please refer Exploration Loan Application, Docket No. 1377.

16. Please refer Exploration Loan Application, Docket No. 1377.

17. Please refer Exploration Loan Application, Docket No. 1377.

GENERAL INFORMATION

1. a. Other mine workings in vicinity as specified (No. 7b).

b. There are no pre-existing.

2. Check from available sources:

a. In stock.

b. Notice out elsewhere - 1,000 feet.

c. Patented out adjacent - 300 feet.

d. Fences - 500 feet. Pipes - 500 feet. Open pits - 500 feet. Pits as not shaded in any pits.

3. a. The claim been into work of Sheep, Pulliam, a distance of 35 miles.

b. Nearest Mining District.

c. Zone. 1b 2. 3. 4. 5. 6. 7. 8. 9. 10.

d. Zone Growth, satisfactorily.

4. a. Property is now today operated by the applicant.

b. The applicant operating the property as a lease.

5. The property has been operated by the applicant since 1977.

6. Please refer Application Loca Application, Docket No. 1377.

7. Please refer Application Loca Application, Docket No. 1377.

8. Please refer Application Loca Application, Docket No. 1377.

9. Please refer to attached form.

10. Please refer to attached form.

11. No charge [illegible] production in prescribed or this time.

12. Please refer Location Loca Application, Docket No. 1377.

13. Please refer Application Loca application, Docket No. 1377.

14. Please refer Application Loca application, Docket No. 1377.

15. Please refer Application Loca Application, Docket No. 1377.

16. Please refer Application Loca Application, Docket No. 1377.

17. Please refer Application Loca Application, Docket No. 1377.

BLACK ROCK MINING CORP.
P. O. Box 1331
BISHOP, CALIFORNIA

18. Please refer Exploration Loan Application, Docket No. 1377.

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.

BLACK ROCK MINING CORPORATION By C. Wall
(Signature of authorized official)

June 6, 1951 Manager

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEC 23 1952

Month of October 1952 Docket No. DMEA 1376X Contract No. Idm-R109
Operator's Name Black Rock Mining Corporation Minerals Tungsten-Scheelite
Address 137 Clarke Street, Bishop, California
Contract Amount, $61,623.50 Government Participation 75 % Amount, $46,217.63

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$1,000.00	$5,892.00	$ 6,892.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor (Roads)		265.50	265.50			
Supervision (Geologist)		1,525.00	1,525.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Miscellaneous		106.36	106.36			
(4) Operating Equipment:						
Rental (Roads)		1,000.00	1,000.00			
Purchase						
Depreciation		82.50	82.50			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes		80.57	80.57			
Liability Insurance						
Workman's Comp. Ins.		173.50	173.50			
(8) Contingencies (specify):						
TOTALS	$1,000.00	$9,125.43	$10,125.43			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date October 1952 *Payee Black Rock Mining Corporation
Per [signature] Title Treasurer

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

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

(Instructions on reverse)

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

$750.00

Signature A. J. Renner
Authorized Certifying Officer
(Authorized Certifying Officer)

Date DEC 17 1952 Vou. No. SF-DMEA-29

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdx-6103 in accordance with the terms of the contract.

Signature A. C. Johnson ; Title Chief, Mining Div., Region III ; Date December 3, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: A. C. Johnson

Signature H. C. Miller ; Title Executive Officer DMEA Field Team Region III ; Date Dec. 9, 1952

H. C. Miller

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form [illegible]A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1952

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

Month of October 1952 Docket No. DMEA 1376X Contract No. Ida-2103
Operator's Name Black Rock Mining Corporation Minerals Tungsten-Scheelite
Address 137 Clarke Street, Bishop, California

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Lin. Ft.	$1,000.00	-0-	$ 8,822.25	982	$8.98+	6,130	See remarks
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails		-0-		1,303.18				
Total Distributed Costs		$1,000.00		$10,125.43				Total Costs Authorized by Contract
Operating Equipment Purchased				-0-				
Initial Rehabilitation and Repairs				-0-				
New Buildings, Improvements, etc.				-0-				
Total Costs		$1,000.00		$10,125.43				

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

Date 11-7-52 Operator Black Rock Mining Corporation

Per [signature] Title Treasurer

Remarks: Exhibit "A" of contract does not call for over-all cost per Lin. Ft. for drilling

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

MF-104
(August 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 103

Name of Operator [illegible]
Docket No. DMA -1376 "Scheelore Inc"
Total Contract Amount $ 61,623.50
Government Participation: Seventy-five % Amount, $ 46,217.63
Distribution of Expenditures for Month of March, 1952

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

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

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

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 6 1952

CERTIFICATION

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

[illegible] (Name of Company)

By [illegible] (Signature of Authorized Official)

April 15, 1952 (Date)

Treasurer (Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

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

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor [3]						
5. Supervision						
6. Supplies						
(a) Timber	DUE TO HEAVY SNOWS NO DRILLING WAS DONE AT THE CONTRACTOR'S					
(b) Explosives						
(c) Repair Parts	DURING THE MONTH OF MARCH, 1952.					
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total						
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

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

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

FOR GOVERNMENT USE ONLY

Checked by _____

Entered by _____

Approved by _____

Amount approved for payment _____

Remarks _____

_____

_____

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF _____

(Supply Data Below Applicable Only to Your Operations)

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

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

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

MF-104
(August 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 103

Name of Operator BLACK ROCK MINING CORPORATION
Docket No. DMA - 1376X - "Scheelore Mine"
Total Contract Amount $ 61,623.50
Government Participation: 75% % Amount, $ 46,217.63
Distribution of Expenditures for Month of February, 1952

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

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

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

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

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

CERTIFICATION

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

BLACK ROCK MINING CORPORATION
(Name of Company)

By
(Signature of Authorized Official)

March 14, 1952
(Date)

Treasurer
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

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

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision						
6. Supplies						
(a) Timber	DUE TO HEAVY SNOWS NO DRILLING WAS DONE AT THE SCHEELITE MINE					
(b) Explosives						
(c) Repair Parts	DURING THE MONTH OF FEBRUARY, 1952.					
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total						
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by
Amount approved for payment
Remarks

16—64068-3

Defense
APR 21 1952

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF _____

(Supply Data Below Applicable Only to Your Operations)

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

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

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

MF-104
(April 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

[redacted]

E 103

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

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

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

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

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

CERTIFICATION

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

[redacted]
(Name of Company)

By C Wheel
(Signature of Authorized Official)

January 14, 1952
(Date)

Treasurer
(Title)

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

ACCOUNTS FEB 11 1952

ACCOUNTS JAN 21 1952

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator Black Rock Mining Corporation
Project No. DMA 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation percent Seventy-five (75)

Distribution of Expenditures for Month of December - 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries		$1,790.50	$1,790.50			
Equipment purchase [1]						
Equipment rental [2]		1,082.50	1,082.50			
Buildings						
Explosives						
Repair parts						
Other supplies		106.36	106.36			
Power						
Transportation						
Withholding taxes						
Compensation insurance		173.50	173.50			
Other insurance						
Contract work		5,892.00	5,892.00			
Other (specify)		80.57	80.57			
Total	-o-	9,125.43	9,125.43			
Totals previously reported		-	-			
Totals to date		9,125.43	9,125.43			

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by
Amount approved for payment
Remarks

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

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF December- 1951

Name of operator Black Rock Mining Corporation
Project No. DMA 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation percent Seventy-five (75)

Type	Number	Man-Shifts	Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent				
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
Total	-0-	-0-	-0-	-0-

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by
Remarks

16—64068-1

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

Name of operator Black Rock Mining Corporation
Project No. DMR 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation, percent Seventy-five (75)

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes					-0-	Lin. ft.	-0-	982	982	6,130
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	-0-	-0-	-0-	-0-	-0-	Lin. ft.	-0-	982	982	6,130

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by
Remarks

BLACK ROCK MINING CORPORATION
Bishop, California

REPORT ON DIAMOND DRILLING - SCHEELORE MINE

December, 1951

No drilling was done at the Scheelore Mine during the month of December, 1951, due to severe winter weather which has closed the access road.

SF-Dma-13

MF-104
(April 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

E103

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

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

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

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

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

CERTIFICATION

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

BLACK ROCK MINING CORPORATION
(Name of Company)

By [signature]
(Signature of Authorized Official)

December 12, 1951
(Date)

Treasurer
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA - 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation percent Seventh-five (75)

Distribution of Expenditures for Month of November, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	250.00	1540.50	1790.50			
Equipment purchase [1]						
Equipment rental [2]		1032.50	1032.50			
Buildings						
Explosives						
Repair parts						
Other supplies		106.36	106.36			
Power						
Transportation						
Withholding taxes						
Compensation insurance 9.69	24.23	149.27	173.50			
Other insurance						
Contract work		5092.00	5092.00			
Other (specify) Payroll Taxes	11.25	69.32	80.57			
Total	285.48	8839.95	9125.43			
Totals previously reported	8839.95	- -	- -			
Totals to date	9125.43	- -	9125.43			

DEC 19 1951

FOR GOVERNMENT USE ONLY

Checked by Ph
Entered by
Approved by A. C. Johnson
Amount approved for payment $214.11
Remarks

Lloyd L. Worrell
Authorized Certifying Officer

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

16—64068-1

Ely

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF November, 1951

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA - 1376-X "Cheelore"
Total contract amount $61,623.50
Government participation percent Seventy-five (75)

Type	Number	Man-Shifts	Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	1/2 Month	500.00/Mo	250.00
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
Total	1	1/2 Month		$250.00

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

FOR GOVERNMENT USE ONLY

Checked by Ph
Entered by
Approved by A. C. Johnson
Remarks

16—64068-1

64

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

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA - 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation, percent Seventy-five (75)

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3] *	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes					- 0 -	Lin Ft	- 0 -	982	982	6,130
Overburden										
Rehabilitation and preparation										
Geology and geophysics	250.00			35.48	285.48					
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	$250.00	- 0 -	- 0 -	$35.48	285.48	Lin Ft	- 0 -	982	982	6,130

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by A. C. Johnson
Remarks

*Note: Compensation Insurance $24.23
Payroll Taxes 11.25
$35.48

SCHEELORE MINE

December 12, 1951

DIAMOND DRILLING REPORT

For Month of November, 1951

No drilling was attempted during the month of November, 1951, because of adverse weather conditions.

Engineering and Geologic work consisted of preparing D. M. A. reports and logging core.

Drilling at this property will be suspended until spring weather permits access to the area.

This is all I saw on this project. Did it cost $250 to prepare this?

SF-Dma-11

MF 104
(April 1951)

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

DEFENSE MINERALS ADMINISTRATION
WASHINGTON

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

FEB 26 3 50 PM '52

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

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

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

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

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

CERTIFICATION

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

BLACK ROCK MINING CORPORATION
(Name of Company)

By [signature]
(Signature of Authorized Official)

November 13, 1951
(Date)

Treasurer
(Title)

NOTE.—Title 18, U. S. Code (Crimes), section 1001, [illegible] 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.

NOV 23 1951

16—64068-1

Oct. 51

MONTHLY SUMMARY COST STATEMENT

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation percent Seventy-five (75)

Distribution of Expenditures for Month of October, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	500.00	1,040.50	1,540.50			
Equipment purchase [1]	33.00	1,049.50	1,082.50			
Equipment rental [2]						
Buildings						
Explosives						
Repair parts						
Other supplies		106.36	106.36			
Power						
Transportation						
Withholding taxes	48.45	100.82	149.27			
Compensation insurance						
Other insurance						
Contract work	1,356.00	4,536.00	5,892.00			
Other (specify) Payroll Taxes	22.50	46.82	69.32			
Total	1,959.95	6,880.00	8,839.95			
Totals previously reported	6,880.00	-0-	-0-			
Totals to date	8,839.95	-0-	8,839.95			

FOR GOVERNMENT USE ONLY

Checked by [illegible]
Entered by
Approved by [illegible]
Amount approved for payment $ 1469.96
Remarks

Lloyd L. Norvell
Authorized Certifying Officer

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

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF October, 1951

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA 1376-X "Schaelore"
Total contract amount $61,623.50
Government participation percent Seventy-five (75)

Type	Number	Man-Shifts	Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners Contracted				
Drill helpers Contracted				
Teamsters				
Manager				
Superintendent				
Engineers	1	1 Month	500.00/Mo.	500.00
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
Total	1	1 Month	500.00/Mo.	500.00

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

FOR GOVERNMENT USE ONLY

Checked by Ph
Entered by
Approved by Geo. H. Helms, Jr.
Remarks

NOV 3 0 1951

16—64068-1

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

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation, percent Seventy-five (75)

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3] *	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes	500.00	33.00	- 0 -	1426.95	1959.95	Lin Ft	226	756	982	6,130
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	500.00	33.00	- 0 -	1426.95	1959.95	Lin Ft.	226	756	982	6,130

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

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

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by George W. Allen Jr.
Remarks

*Note:

Diamond Drilling Contracting	$1,356.00
Compensation Insurance	48.45
Payroll Taxes	22.50
	$1,426.95

NOV 30 1951

BLACK ROCK MINING CORPORATION
Bishop, California

NOVEMBER 5, 1951

REPORT ON DIAMOND DRILLING AT SHEELORE MINE,
MONO COUNTY, CALIFORNIA FOR MONTH OF OCTOBER, 1951

One Ax diamond drill hole was drilled during October, 1951. This hole (Number 15) was started on October 1st, 1951 and was stopped on October 20th, 1951 at a depth of 226 feet.

Hole Number 15 was drilled on bearing of N 77°W and an inclination of -30°.

Tactite was encountered at a depth of 190 feet and the hole was still in tactite at a depth of 226 feet, when a snowstorm made it necessary to cease drilling.

None of this tactite contained Scheelite, therefore no samples were assayed.

BLACK ROCK MINING CORPORATION

DIAMOND DRILL HOLE RECORD

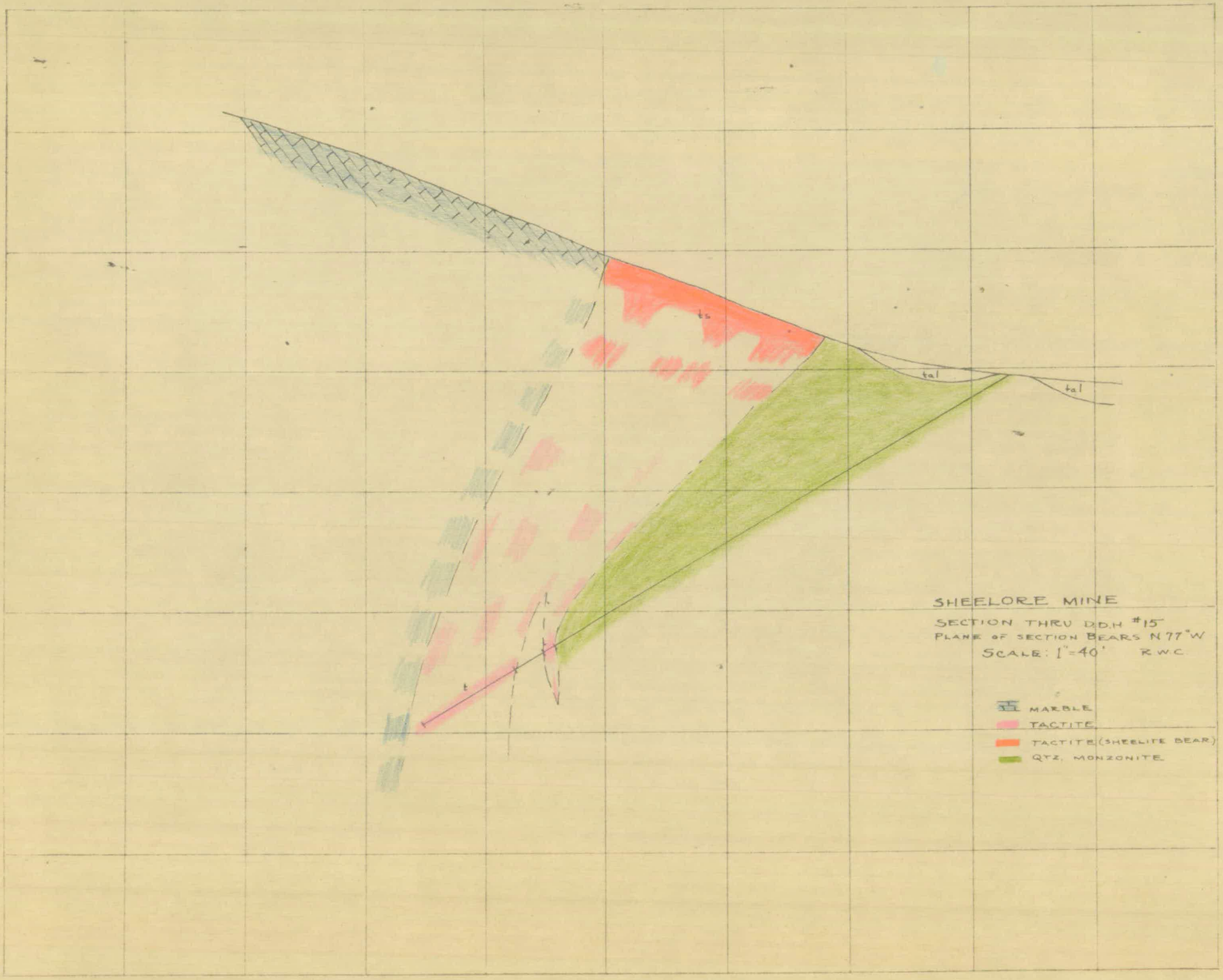
PROPERTY SHEELORE R.W.C.

SIZE HOLE 4X LEVEL SURFACE DEPTH OF HOLE 226' ELEV. COL. END DIP -30°

BEARING N 77° W COORDINATES COLLAR N. E. END N. E.

STARTED 12/1/57 FINISHED 12/20/57 DRILLED FROM HOLE #15

Interval Drilled (Feet)	Feet Core	% Core	SLUDGE Interval (Feet)	% Sludge	% WO3	% Mo	%	CORE Interval (Feet)	Core Rec.	% WO3	% Mo	%	TYPE ROCK AND REMARKS
0-30	26.8												Qtz.-monzonite – med. to strong alt. @ 15-24'
30-69	26.2												Same as 0'-30' – alt. 43-52
69-104	26.4												Same as 30'-69 – med. alt. 83-104
104-135	26.3												Same as 69-104 – med. alt. throughout
135-209	58.1												Qtz – monzonite – fresh, unaltered
209-226	15.6												Tactite – strong Andradite garnet + epidote – does not lamp.
		79.5%											


ts
tal
tal
SHEELORE MINE
SECTION THRU D.D.H #15
PLANE OF SECTION BEARS N 77° W
SCALE: 1"=40'
R.W.C.
MARBLE
TACTITE
TACTITE (SHEELITE BEAR)
QTZ. MONZONITE

COPY

A. C. Johnson, Chief, Mining Div., Reg. III Nov. 23, 1951

Glenn G. Gentry, Mining Engineer, Bureau of Mines, Reg. III

Black Rock Mining Corporation, Scheelore Mine, Mono County, Calif.
Docket DMA-1376X - Contract Idm-E103

An inspection of the above mine was expected to be made on Nov. 16, 1951, however, on that date I was informed by Mr. C. H. Hall, manager of the Black Rock Mining Corporation that mining and drilling operations at the Scheelore mine had been discontinued on October 20, 1951, due to weather conditions, and due to snow blocked roads, it would be impossible to inspect the mining property until some time in the month of May 1952.

The following data, relative to the work accomplished, was secured from Mr. Hall,

Starting on August 15, 1951 part of the first months work consisted of constructing an access road from the camp to the drilling sites.

The actual drilling was started on August 3, 1951 on Drill Hole No. 14 and the following drill holes have been completed:

D.D.H.	No. 12		Depth 258 ft.
"	No. 13		" 229.5 ft.
"	No. 14		" 269 ft.
"	No. 15		" 226 ft.
"	No. 16	Not drilled	-
			982.5 ft.

The drilling was done on a contract basis by Palmer and Decker whose address is Bishop, Calif. The cores from the drill holes have been well cared for and are stored in the office building of the Black Rock Mining Corporation on East Clarke Street in Bishop, Calif. No drill holes were left uncompleted. Mr. Hall stated that none of the drill holes encountered scheelite ore and therefore the results of the first phase of the program was very disappointing.

The machinery was removed from the property and placed in storage in the warehouse of the Black Rock Mining Corporation at Bishop, Calif.

A payment of $25,000 was due to the owners of the Scheelore mine from the Black Rock Mining Corporation on Nov. 1, 1951, however, due to the failure to find tungsten ore in any of the drill holes this payment has not been made. If the Black Rock Mining Corporation are granted an extension of time for this payment they plan on doing further drilling on the upper portion of the ore body where surface indications are favorable. However, if the property owners are unwilling to grant the time payment extension then Mr. C. H. Hall advised that he expected to abandon the lease.

Glenn G. Gentry

SF-Dma-11

MF-104
(April 1951)

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

FEB 28 3 51 AM '52

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

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

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

CERTIFICATION

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

BLACK ROCK MINING CORPORATION
(Name of Company)

By C. H. Wall
(Signature of Authorized Official)

October 14, 1951
(Date)

Treasurer
(Title)

NOTE.—Title [illegible]de (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 a[illegible]tter within its jurisdiction.

16—64068-1

Sept '51

MONTHLY SUMMARY COST STATEMENT

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA - 1376X "Scheelore"
Total contract amount $61,623.50
Government participation percent Seventy-five (75)

Distribution of Expenditures for Month of September, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	500.00	540.50	1,040.50			
Equipment purchase [1]						
Equipment rental [2]	33.00	1,016.50	1,049.50			
Buildings						
Explosives						
Repair parts						
Other supplies	95.28	11.08	106.36			
Power						
Transportation						
Withholding taxes						
Compensation insurance	48.45	52.37	100.82			
Other insurance						
Contract work	4,536.00		4,536.00			
Other (specify) Payroll Taxes	22.50	24.32	46.82			
Total	5,235.23	1,644.77	6,880.00			
Totals previously reported	1,644.77	- -	- -			
Totals to date	6,880.00	- -	6,880.00			

FOR GOVERNMENT USE ONLY

Checked by fh
Entered by
Approved by A. A. Johnson
Amount approved for payment $3926.40
Remarks

NOV 5 1951

Lloyd L. Norvell
Authorized Certifying Officer

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

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF September, 1951

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA - 1376-X "Scheelore"
Total contract amount $61,623.50
Government participation percent Seventy-five (75)

Type	Number	Man-Shifts	Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners Contracted				
Drill helpers Contracted				
Teamsters				
Manager				
Superintendent				
Engineers	1	1 Month	500.00	500.00
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
Total	1		500.00	500.00

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

FOR GOVERNMENT USE ONLY

Checked by fd
Entered by
Approved by A. C. Johnson
Remarks

NOV 5 1951

Lloyd L. Newell
Authorized Certifying Officer

16—64068-1

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

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA - 1376-X "Sehbelore"
Total contract amount $61,623.50
Government participation, percent Seventy-five (75)

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes	500.00	33.00	95.28	4606.95	5235.23	Lin Ft.	756	-0-	756	6,130
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	500.00	33.00	95.28	4606.95	5325.23	Lin Ft.	756	-0-	756	6,130

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

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

FOR GOVERNMENT USE ONLY

Checked by fd
Entered by
Approved by A. C. Johnson
Remarks

Note:

Compensation Insurance	$48.45
Payroll Taxes	22.50
Contract Diamond Drilling	4,536.00
	$4,606.95

NOV 5 1951

Lloyd L. Norvell
Authorized Certifying Officer

BLACK ROCK MINING CORPORATION

Bishop, California

For September, 1951

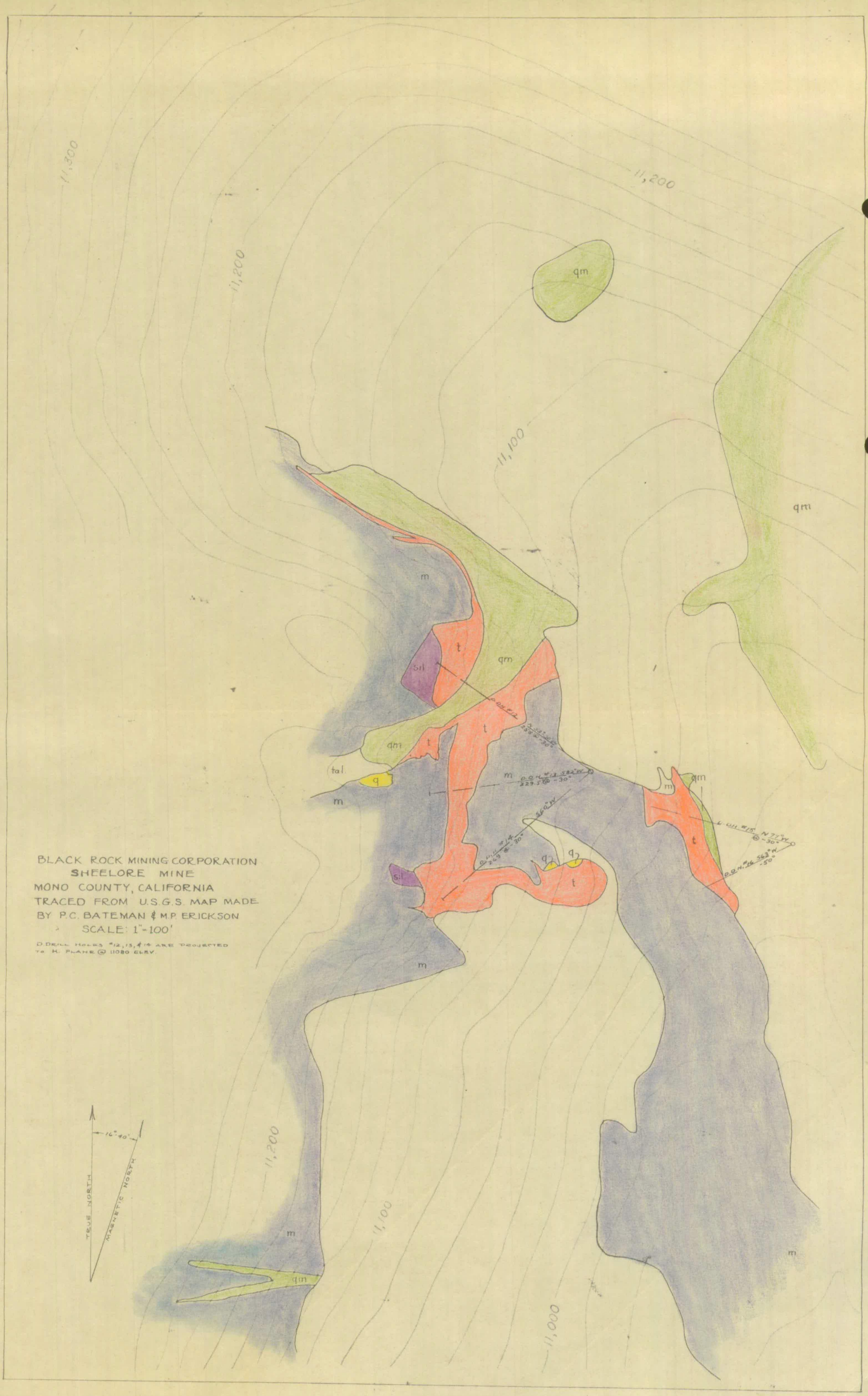
SCHEELITE MINE - MONO COUNTY, CALIFORNIA

Three AX diamond drill holes were completed during the month of September, 1951. These holes are numbered 14, 13, and 12, and were drilled in that order.

Although tactite was encountered in two of the holes, (14 and 13), none of this rock contained Scheelite in more than minute quantities; therefore, no samples were assayed.

A small amount of cementing was required in hole Number 14 @ 197 feet. The only other difficulty encountered was occasional bad weather.

Drilling is now in progress on hole Number 15, which was started on October 1, 1951.


BLACK ROCK MINING CORPORATION
SHEELORE MINE
MONO COUNTY, CALIFORNIA
TRACED FROM U.S.G.S. MAP MADE
BY P.C. BATEMAN & M.P. ERICKSON
SCALE: 1"=100'
D. DRILL HOLES #12, 13, & 14 ARE PROJECTED TO H. PLANE @ 11080 ELEV.
TRUE NORTH
MAGNETIC NORTH
16°40'
11,300
11,200
11,100
11,000
qm
m
t
sil
tal
q
D.D.H. #12 S82°W 229.5' @ -30°
D.D.H. #14 S60°W 263' @ -30°
D.D.H. #15 N77°W @ -30°
D.D.H. #16 S63°W -50°

Sheet #3 Sec #9

MINE Sheelore

GEOLOGY BY K.W.C.

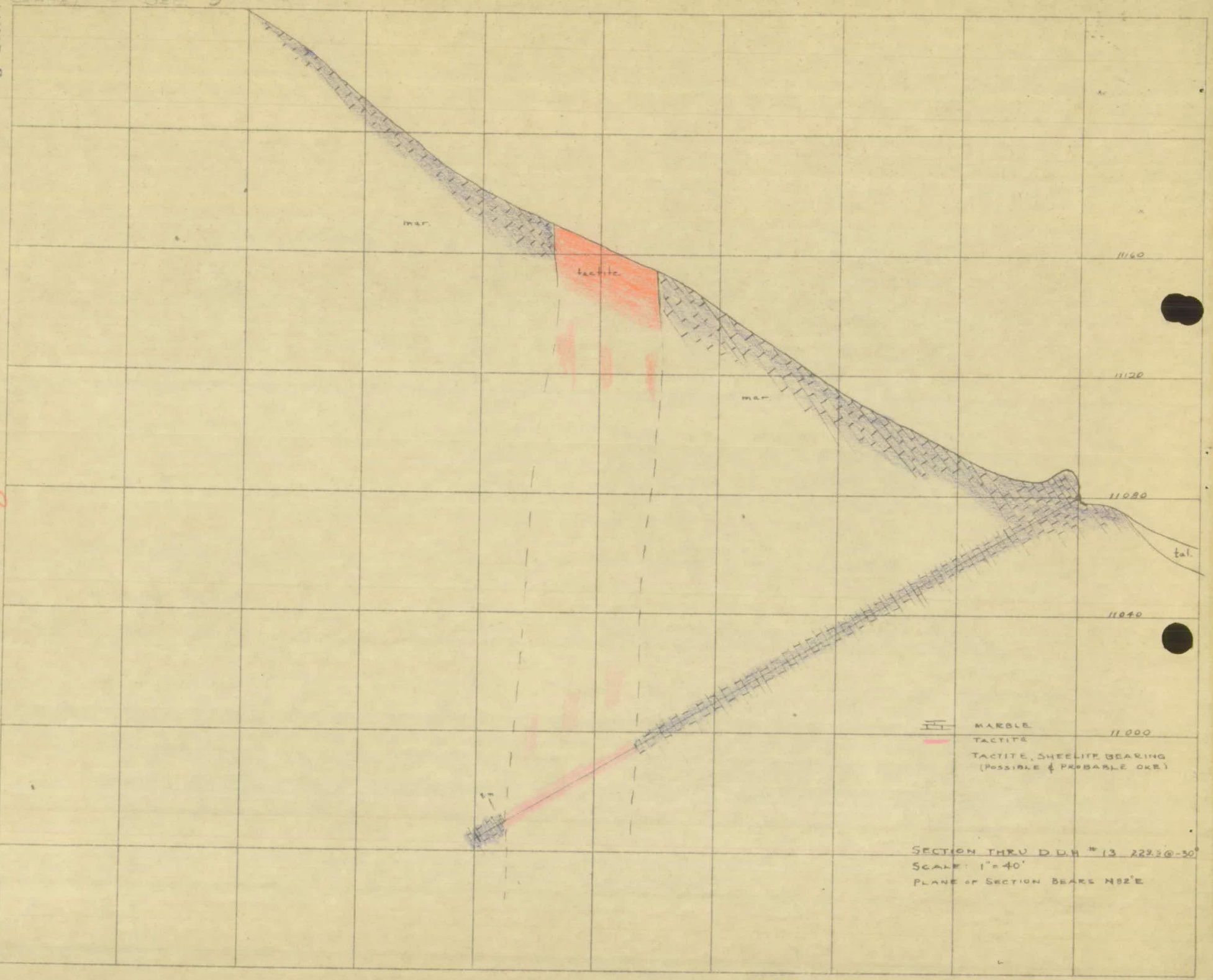
LOCATION ?

SURVEY

SCALE 1" = 40'

LEVEL Surface

DATE 9/28/51



MINE SHEELORE

GEOLOGY BY R.W.C.

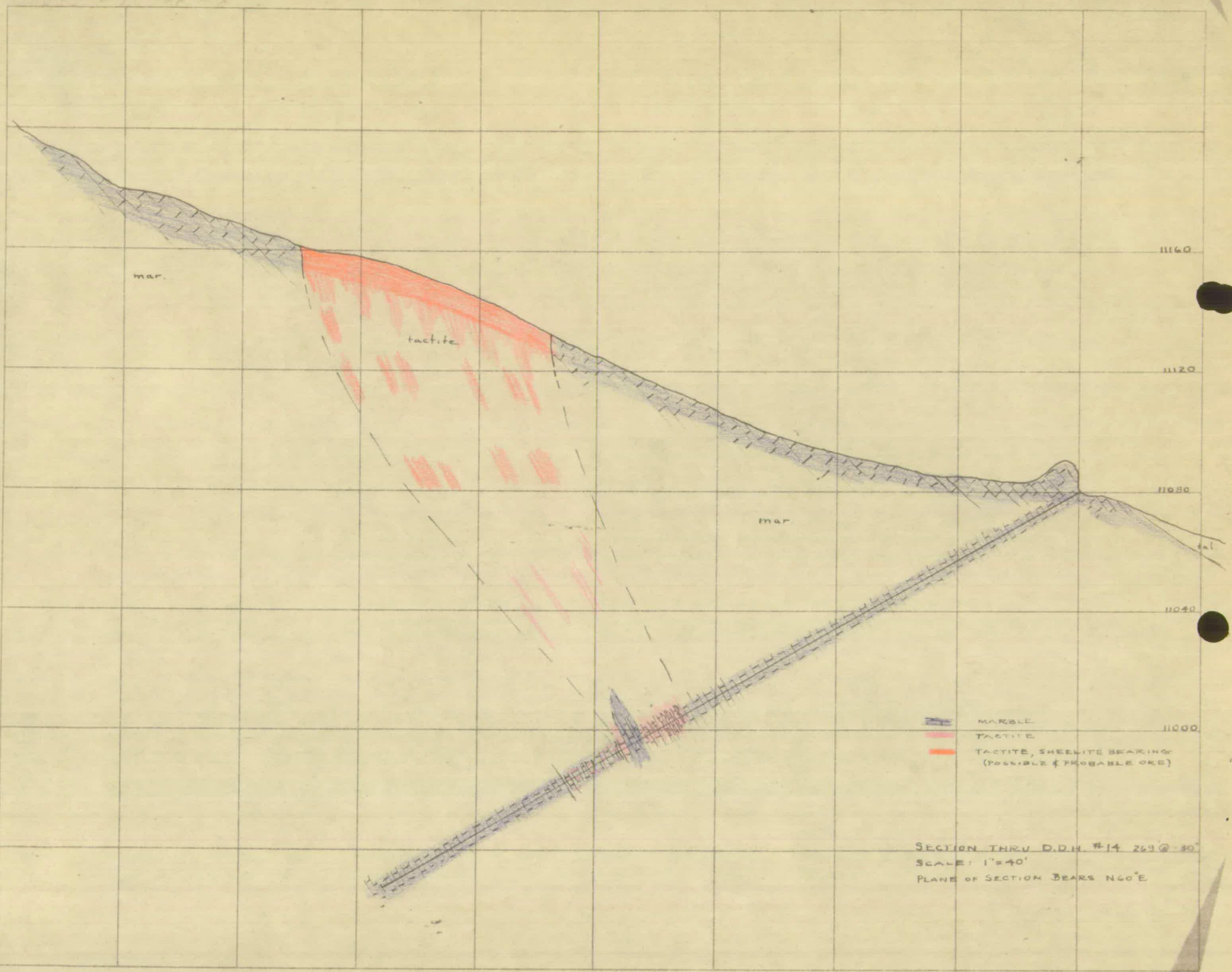
LOCATION

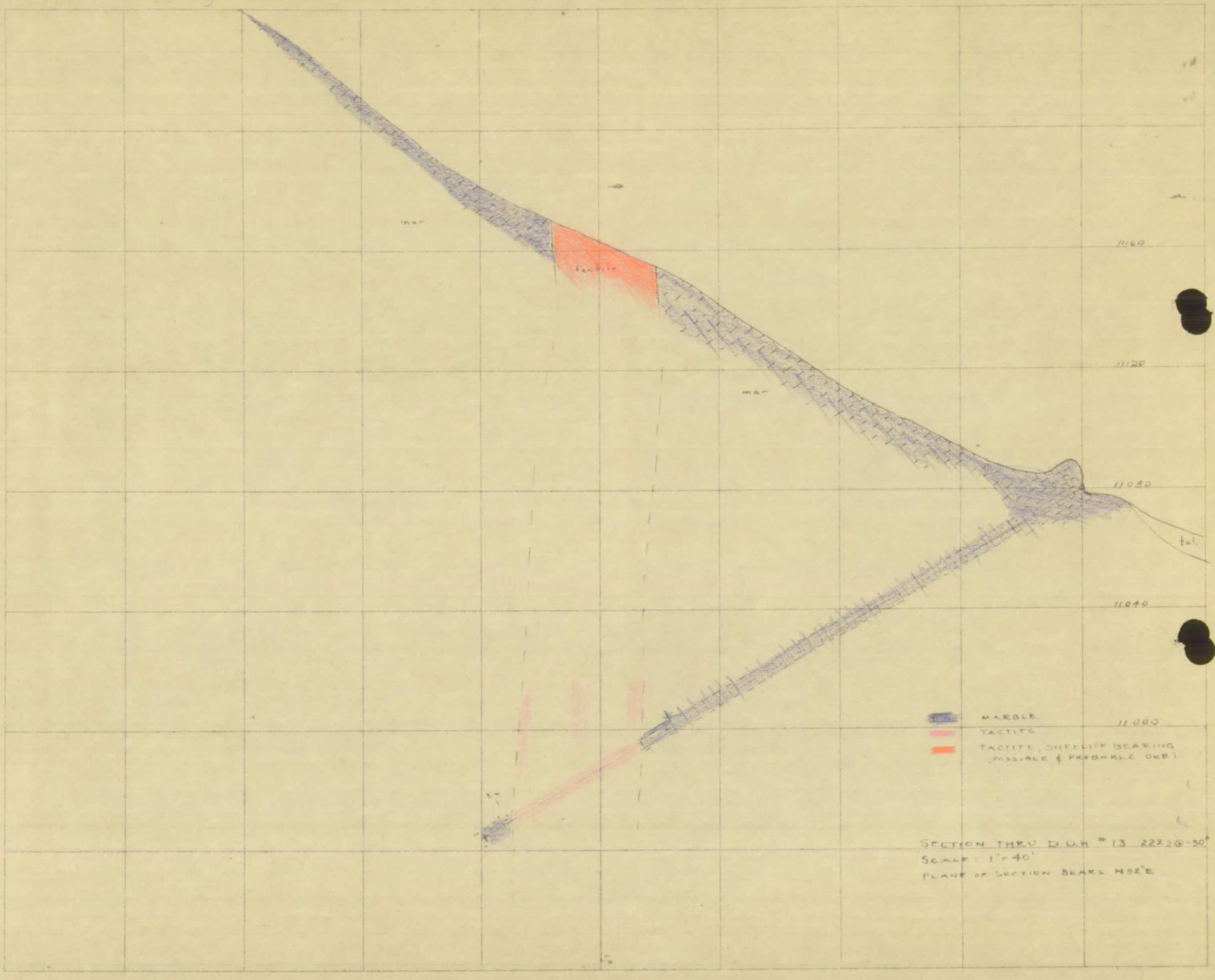
SURVEY

LEVEL SURFACE

SCALE 1" = 40'

DATE 9/24/51





MINE SHEELORE LOCATION LEVEL SURFACE

GEOLOGY BY K.W.C. SURVEY SCALE 1"=40' DATE 1/28/51

No. of Hole 13
Location ?

BLACK ROCK MINING CORPORATION

DIAMOND DRILL HOLE RECORD

PROPERTY Sheeloke R.W.C.

SIZE HOLE Ax LEVEL Surface DEPTH OF HOLE 229.5' ELEV. COL. END DIP -30°

BEARING S 82° W COORDINATES COLLAR N. E. END N. E.

STARTED 8/13/51 FINISHED 8/20/51 DRILLED FROM HOLE #13

Interval Drilled (Feet)	Feet Core	% Core	SLUDGE Interval (Feet)	SLUDGE % Sludge	SLUDGE % WO_3	SLUDGE % Mo	SLUDGE %	CORE Interval (Feet)	CORE Core Rec.	CORE % WO_3	CORE % Mo	CORE %	TYPE ROCK AND REMARKS
0 - 168'	135.3		(no core	0'-8')									Recrystallized lms. - course xtls. up to 3mm. white to grey with inclusions of $CaCO_3$ in large crystals - no definite shearing or core as
168.5	45.0												lactite - garnet, epidote, Fe mags(?) - alteration, ruggy 191-21[illegible] does not lomp.
218.5-229.5	7.9												Grey lms & recrystallized lms. - 0.5' qtz.-monzonite inclusion @ 220'

Number of Hole 12
Location ?

BLACK ROCK MINING CORPORATION

DIAMOND DRILL HOLE RECORD

PROPERTY Sheelore R.W.C.

SIZE HOLE Ax. LEVEL Surface DEPTH OF HOLE 258' ELEV. COL. END DIP -30°

BEARING N 53°-30' W COORDINATES COLLAR N. E. END N. E.

STARTED 2/21 FINISHED 2/30/51 DRILLED FROM HOLE #12

Interval Drilled (Feet)	Feet Core	% Core	SLUDGE Interval (Feet)	% Sludge	% WO_3	% Mo	%	CORE Interval (Feet)	Core Rec.	% WO_3	% Mo	%	TYPE ROCK AND REMARKS
0 - 146	96.9		(no core	taken	0-18')								Grey, coarsely crystalline marble with inclusi- of white, finer grained marble
146-258	98.0												Same as 0'-146'

NUMBER OF HOLE 14
LOCATION ?

BLACK ROCK MINING CORPORATION

DIAMOND DRILL HOLE RECORD

PROPERTY SILELORE R.W.C.

SIZE HOLE Ax LEVEL SURFACE DEPTH OF HOLE 269' ELEV. COL. END DIP -30°

BEARING S 60° W COORDINATES COLLAR N. E. END N. E.

STARTED 9/3/51 FINISHED 9/12/51 DRILLED FROM HOLE #14

Interval Drilled (Feet)	Feet Core	% Core	SLUDGE Interval (Feet)	SLUDGE % Sludge	SLUDGE % WO_3	SLUDGE % Mo	SLUDGE %	CORE Interval (Feet)	CORE Core Rec.	CORE % WO_3	CORE % Mo	CORE %	TYPE ROCK AND REMARKS
0-152.3	121.1												Grey & white marbleized lms. slight shearing 0°-40° Broken core @ 46'; 46.6-48.2; 63-64; 71.2 - White alteration @ 67.5 & 70 - wollastonite 67.5'-68' - Blue mar. @ 116.3-116.7' - Clay & $CaCO_3$ on 20° shear @ 116.2'-116.8' & @ 117.4-117.6' - Clay(-) @ 130.2'-130.6' $CaCO_3$ @ 88'-89.1'
152.3-158	5.5												Light brn. tactite, white marble, small amt. epidote, slight shearing 15°-60° - small amt. leaching
158-167	9.0												Tactite, Fe mags(++) sltd. mar. w.x. sc. FeS throughout. Qtz @ 164-166 slight shear 15°-70° Lamps poor 163.1-163.8 (one xtl $CaWO_4$ @ 166.7)
167-169	2.0												Same as 158-167
169-170	1.0												Sugary, xtln. mar. - epidote
170-175	5.0												Grey, sltd. lms. & mar. - w.x. sc. FeS throughout. - 1" Qtz stryr. @ 15° core ∡ @ 172.5'
175-176	1.0												tactite, well altered
176-188	12.0												Marble, white to grey, coarsely crystalline
188-194	4.5												Same as 176-188 with small tactite inclusions.
194-199	4.7												Same as 176-188 (fault? @ 197 - lost water)
199-238	38.9												Coarse, recrystallized lms. - white to grey lms. - small sc. tactite inclusions.
238-244	6.0												Alternately banded blue & grey lms - banding @ 85° core ∡ @ 238.5' - banding @ 50° core ∡ @ 244'
244-269	24.1												Recrystallized lms. (coarse xtls.)

MF-104
(April 1951)

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

SF-Dma-15
9/20/51

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

E 103

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

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CERTIFICATION

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BLACK ROCK MINING CORPORATION
(Name of Company)

By [signature]
(Signature of Authorized Official)

September 10, 1951
(Date)

Treasurer
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA -1376-X "Schaeloro"
Total contract amount $61,623.50
Government participation percent Seventy-Five (75)

Distribution of Expenditures for Month of August, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	540.50		540.50			
Equipment purchase [1]						
Equipment rental [2]	1016.50		1016.50			
Buildings						
Explosives						
Repair parts						
Other supplies	11.08		11.08			
Power						
Transportation						
Withholding taxes						
Compensation insurance	52.37		52.37			
Other insurance						
Contract work						
Other (specify) Payroll Taxes	24.32		24.32			
Total	1644.77		1644.77			
Totals previously reported	- 0 -		- 0 -			
Totals to date	1644.77		1644.77			

FOR GOVERNMENT USE ONLY

Checked by fb
Entered by
Approved by R. C. Johnson
Amount approved for payment $1,235.58
Remarks

SEP 20 1951

1233.58

Lloyd L. Norvell
Authorized Certifying Officer

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

16—64068-1

Cols

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF August, 1951

Name of operator BLACK ROCK MINING CORPORATION
Project No. DMA - 1370-X "Chocolore"
Total contract amount $1,623.50
Government participation percent Seventy-Five (75)

Type	Number	Man-Shifts	*Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface Laborers (Roads)	2	20.75	1.5993976	265.50
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	Part Month	500/Month	275.00
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
Total	3	20.75		540.50

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

FOR GOVERNMENT USE ONLY

Checked by pk
Entered by
Approved by A. C. Johnson
Remarks

*Rate per hour

SEP 20 1951

Lloyd E. Norvell
Authorized Certifying Officer

16—64068-1

tcb

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF [illegible], 1951

Name of operator [illegible]
Project No. DMA [illegible]
Total contract amount [illegible]1,[illegible]3.50
Government participation, percent Seventy-five (75)

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails	50.50	101[illegible].50	11.00	70.394	1[illegible].77					
Test pits										
Other (specify)										
Totals	50.50	1[illegible].50	11.00	70.00	1[illegible].77					

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

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

SEP 20 1951

Note: Compensation Insurance [illegible]
Payroll taxes

[illegible]8.37
[illegible]1.92
[illegible]0.39

Lloyd L. Norvell
Authorized Certifying Officer

FOR GOVERNMENT USE ONLY

Checked by [illegible]
Entered by
Approved by A. C. Johnson
Remarks

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. G. C. Selfridge, Chief
Iron and Ferro-Alloy Division, DMEA

DATE: January 2, 1953

FROM : Mr. T. L. Chapman
Iron and Ferro-Alloy Division, DMEA

SUBJECT: Black Rock Mining Corporation
Scheelore Mines
Mono County, California
Docket No. DMEA 1376 - Tungsten
Exploration Contract No. Idm-E103, dated August 8, 1951
Period - 2 years
Estimated cost - $61,623.50. Government share, 75% - $46,217.63.

Exhibit "A"

(a)	Labor	$6,800.00	
(b)	Supervision	6,000.00	
(c)	Equipment purchased	1,797.50	
(d)	Equipment to be rented	4,800.00	
(e)	Supplies furnished by Company	1,700.00	
(f)	Equipment furnished on rental basis	456.00	
(g)	Liability and compensation insurance, Payroll taxes	1,730.00	
(h)	Diamond drilling: 5740 feet in rock/$6.00 ft. 390 feet in talus/$10.00	38,340.00	
	Total		$61,623.50

Work started - August 1951.

Drilling stopped October 20, 1951. Work was stopped due to bad weather and equipment was removed from property.

Four holes were drilled for a total of 982 feet.

Although tactite was cut in three of the holes, very little scheelite was encountered.

A payment of $25,000.00 was due the owners of the Scheelore Mine on November 1, 1952. It is indicated that the lessee failed to get an extension of time.

Expenses incurred were as follows:

Wages and salaries	$1,790.50	
Equipment ~~purchased~~ rented	1,082.50	
Other supplies	106.36	
Compensation Insurance	173.50	
Payroll taxes	80.57	
Drilling contract	5,892.00	
Total moneys expended		9,125.43
Balance left from contract before settlement on equipment and audit		$52,498.07

Mr. C. H. Hall, Manager, Black Rock Mining Corporation, was notified of the termination of the contract on October 10, 1952, by Mr. H. C. Miller, Executive Officer, Region III.

T. L. Chapman

Yes Audited

No Certified

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12/7/1954
Incl. Voucher for

Yes Actual Cost

Agreed Unit Costs

Name Black Rock Mining Corporation

Docket No. DMA-1376X

State California

Commodity Tungsten

Idm-E No. 103

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify) Diamond	6,130'	38,340.00	982'	6,392.00	6,392.00
Surface Excavation		2,000.00		500.00	500.00
Underground Excavation					
Roads and Trails		2,800.00		803.18	803.18
Operating Equipment Purchased		1,797.50			
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)		16,686.00		2,430.25	2,430.25
Totals		61,623.50		10,125.43	10,125.43

Contract terminated by Government

Prepared by TLC

71626

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

June 30, 1953

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-1376 (Tungsten)
Black Rock Mining Corporation, Scheelore Mine,
Mono County, California, Contract Idm-E103

Attached are four copies of the final report on the subject property entitled "DMEA-1376X, Black Rock Mining Corporation, Scheelore Mine, Mono County, California," by Benjamin H. Sheahan, Mining Engineer, U. S. Bureau of Mines, and Paul C. Batemen, Geologist, U. S. Geological Survey, dated June 22, 1953.

Four holes were drilled on the Scheelore property to penetrate the tactite zone. No scheelite mineralization was found in any of the holes drilled and the project was discontinued on October 20, 1951.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: E. H. Bailey, USGS (With copy of report)
A. C. Johnson, Reno
George Mavor

P.S. Also attached are four copies of final report by the Operator, dated March 28, 1953, together with map referred to therein.

H.C.M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

Final Report

Contract No.: Idm-E103

DMEA-1376X, Black Rock Mining Corporation

Scheelore Mine, Mono County, California

(Tungsten)

Benjamin H. Sheahan, Mining Engineer
U. S. Bureau of Mines

Paul C. Batemen, Geologist
U. S. Geological Survey

June 22, 1953

Reviewed by
DMEA OPERATING COMMITTEE
7-10-53
(date)

FINAL
F.T. RPT.

FINAL REPORT

Docket No.: DMEA-1376X (tungsten)

Name and Address of Operator: Black Rock Mining Corporation
137 Clarke Street
Bishop, California

Name and location of property: Scheelore Mine,
Mono County, California
in T. 5 S., R. 29 E. (projected) near
the crest of the Sierra Nevada Mts.
at an altitude of 11,000 feet.

Contract No.: Idm-E103

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

Exploratory diamond drilling at the property was started in August 1951 and work was discontinued on October 20, 1951 because of weather conditions.

Four diamond drill holes size AX core were drilled. None of the core showed scheelite bearing tactite of a grade sufficient to constitute a tungsten ore. Total footage of the four diamond drill holes was 982.5 feet.

The contract was terminated in October 1952.

The operator was disappointed with results from the first stage of the exploration work. Diamond drill core showed no scheelite.

Recommendations follow:

1. No additional exploration work is warranted.
2. The project was not successful.
3. Production is not economically possible.

DESCRIPTION OF THE WORK COMPLETED

Preliminary work consisted of access road improvements.

Exploratory diamond drilling was done with the following completed holes: (Also see Sketch Map, Figure 1).

Hole No.	Depth Feet	Inclination	Bearing	Remarks
12	258	-30°	N. 53° -30' W.	Core showed no scheelite
13	229.5	-30°	S. 82° W.	Core showed no scheelite
14	269	-30°	S. 47° -30' W.	Core showed no scheelite
15	226	-30°	N. 77° W.	Core showed no scheelite

The exploration work was started early in August 1951 and was discontinued on October 20, 1951. The work was described by the following memorandums:

First memorandum dated Nov. 23, 1951, by G. G. Gentry, Mining Engineer, U.S.B.M.

Second memorandum dated June 23, 1952, by E. J. Matson, Mining Engineer, U.S.B.M.

Third memorandum dated July 23, 1952, by E. J. Matson, Mining Engineer, U.S.B.M.

A final audit was made by Mr. George Mavor, Auditor, DMEA, as described by his memorandum dated November 19-20, 1952.

DESCRIPTION OF THE GEOLOGY

Mr. Paul C. Batemen , geologist, U.S. Geological Survey describes the geology and the results of the exploration work as follows:

"Geology:

The main geological feature of the Scheelore mine area is a north-trending contact between intrusive granodiorite on the east and coarsely crystalline white marble on the west. This contact crops out intermittantly in the floor of a glacial cirque that is largely filled with talus. Three tactite bodies, designated Number 1, Number 2, and Number 3 tactite masses, are exposed along the contact.

Only Number 1 and Number 2 tactite masses, which are in the same general area, have been explored in this program. Number 3 tactite mass is about 1,000 feet farther north at the head of the cirque, and the contact between marble and granodiorite in the intervening span is covered by talus. Figure 1 shows an area that includes Numbers 1 and 2 tactite masses. The entire mine area is shown on a map included with a report "The Scheelore tungsten mine, Mono County, California", by Paul C. Batemen, which has been placed in open file by the Geological Survey.

"The Number 1 tactite mass is situated along the main contact between marble and granodiorite. In outcrop, it is 200 feet long and about 30 feet in average width. Sampling of the outcrop by the Black Rock Mining Corporation in 1950 indicates that it contains an average of 0.19 percent WO_3.

"The Number 2 tactite mass is separated into two parts by a dike of granodiorite. The northern part lies along the main contact, whereas the southern part is in contact with granodiorite only at its north end; to the south it extends in the shape of an east-facing crescent into the marble. Analyses of samples collected from the outcrop by the Black Rock Mining Corporation indicate that it contains about 0.23 percent WO_3.

"Results of the exploration:

"No ore was intersected in any of the 4 borings that were drilled into the deeper parts of the tactite masses. Three of the borings were into the Number 2 tactite mass and one was into the Number 1 mass.

Three of the borings intersected the downward extensions of the tactite bodies exposed at the surface, but none of the tactite cored contained scheelite. Boring D-12 was in marble for its full length and intersected no tactite."

EXPENDITURES

Total approved	$61,623.50
Total cost (from audit)	10,125.43
Government's share of cost	7,594.07
Government's share unexpended	38,623.56
Value of production	No Production

EFFICIENCY OF OPERATIONS

The diamond drilling was done by an independent contractor, The Palmer and Decker Company of Bishop, California.

A summary of the expenditures and brief narrative follows:

Month	Expense	Remarks
August, 1951	$1,644.77	Road work.
September, 1951	5,235.23	756.5 feet AX drilling
October, 1951	1,959.95	226 feet AX drilling
November, 1951	285.48	Office and geological work
	1,000.00	Termination cost
	$10,125.43	Total cost.

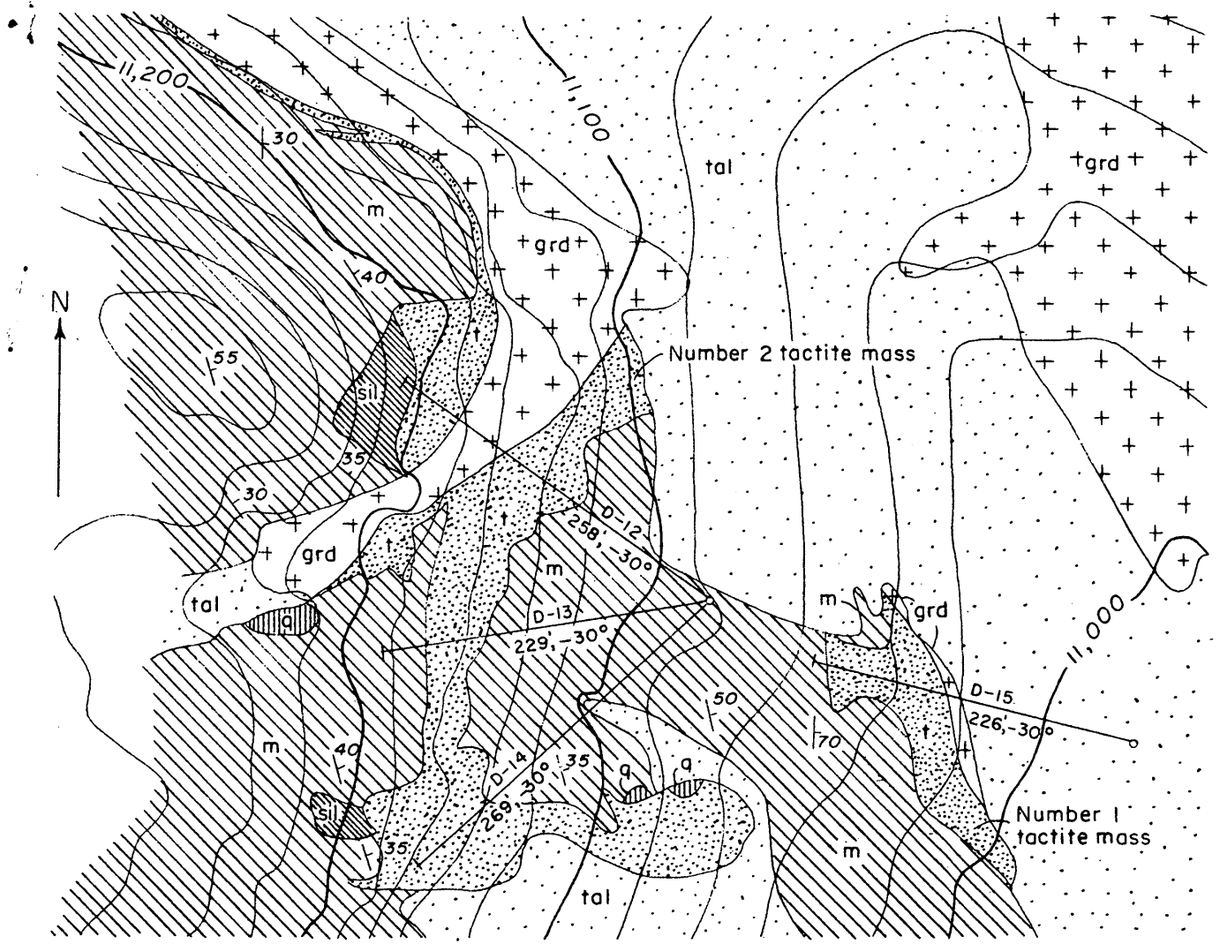
The operator's monthly reports and the final report were well prepared.

EQUIPMENT PURCHASED FOR PROJECT

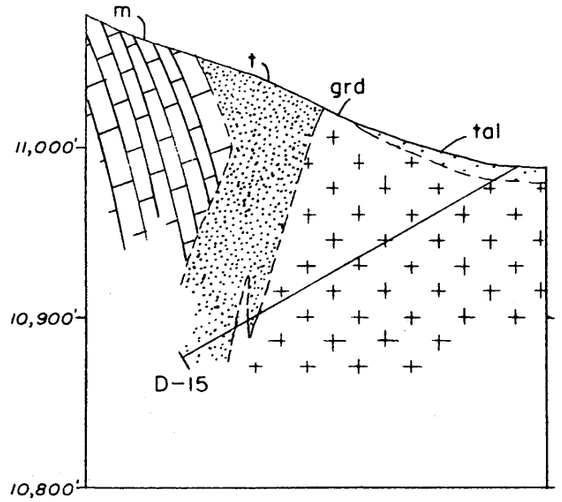
No equipment purchases were made.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

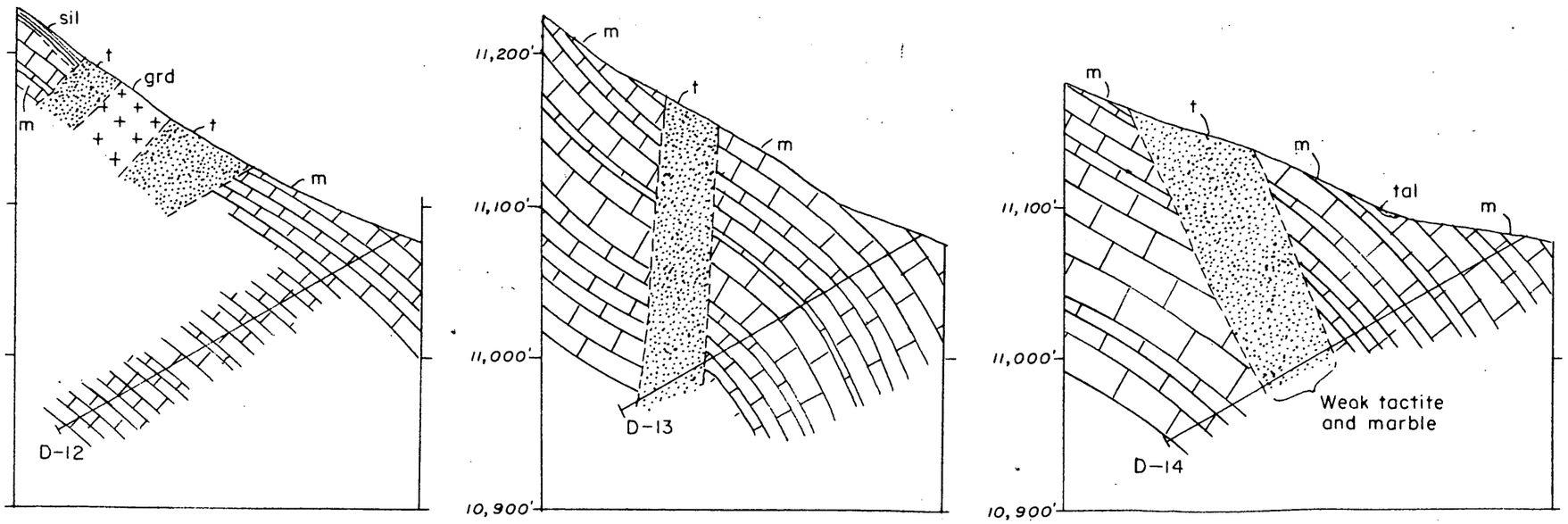
DMEA-1376-X
CONTRACT IDM-E103
(TUNGSTEN)



SURFACE MAP



BORING INTO NUMBER 1 TACTITE MASS



BORINGS INTO NUMBER 2 TACTITE MASS

EXPLANATION

tal — Talus and glacial till

grd — Granodiorite

q — Quartz

t — Tactite

sil — Light-colored calc-silicate rock

m — Marble

Contact, dashed where approximately located

50 — Strike and dip of beds

D-12 258', -30° — Diamond drill hole

SCHEELORE MINE
MONO COUNTY, CALIFORNIA

0 100 200 300 Feet

Figure 1

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

FINAL REPORT

SCHEELORE MINE, MONO COUNTY
CALIFORNIA

March 28, 1953

1. DMEA 1376X (Tungsten)

   Black Rock Mining Corporation
   Scheelore Mine (Mono County, California)
   137 Clarke Street, Bishop, California

   Contract Number Idm-E-103

2. Summary and Conclusions:

   Recommendations:

   A. No additional exploration is warranted.
   B. The project was not successful.
   C. Production is not economically possible. There is no ore to produce.

3. Description of the Work Completed:

   Preparation work was started in August, 1951. Drilling began in September, with three holes (no. 12, 13 and 14) being completed that month. One additional hole was drilled in October, No. 15. Work was terminated in November, with no drilling accomplished.

4. Description of Geology:

   A. All holes drilled cut tactite bedding exposed on the surface. No scheelite was observed in any of the four holes drilled.
   B. A map showing location of holes drilled and holes which were proposed but not drilled is included with this report.
   C. No assays were made.
   D. There are no ore reserves. The small exposure of low grade tactite on the surface cannot be assumed to be ore reserves. A few hundred tons of protore is inferred, but not proved.

5. Expenditures:

   A. Total approved - $61,623.50
   B. Total Cost 9,125.43
   C. Government's Share - 6,844.08
   D. There was no production.

6. No equipment was purchased for the project.

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

OFFICIAL BUSINESS

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

1376

Docket

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

Office of
Executive Officer
DMEA Field Team
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1953

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

March 11, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-1376 (Tungsten)
Black Rock Mining Corporation, Scheelore Mine,
Mono County, California, Contract Idm-E103

Reference is made to your letter, dated March 2, concerning the final reports on the subject contract.

Mr. Johnson, of our Reno office, informs me that no final report has been received from the operator and that he is being requested to furnish a final report immediately.

Mr. Johnson also informs me that the drill cores are stored at the Black Rock Mining Corporation at Bishop, California, and it is planned to bring them to the Mining Division core library at Reno when road conditions will permit; the property is inaccessible at the present time.

The final reports will be mailed to you immediately upon receipt at this office.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: E. H. Bailey, USGS

W. S. Martin

FILE COPY
SURNAME:

Rutledge
Martich
Chamberlin
~~Martich~~
Selfridge

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

MAR 2 1953

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMA 1376X - Tungsten
Black Rock Mining Corporation
Scheelore Mine
Mono County, California
Contract No. Idm-M103

Dear Mr. Miller:

Reference is made to the subject contract for which a final audit has been received. It will be appreciated if you will furnish this office with a final Field Team report and a final Operator's report. If no final report has been received from the Operator, the Black Rock Mining Corporation should be requested to furnish such a report as specified in Paragraph 14 of the contract in order that this docket may be closed.

Reference also is made to our letter of August 11, 1952, regarding disposal of the diamond drill cores. Please advise us what disposition was made of such drill cores?

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

S.N. 3/2/53

Approved:

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

D. M. Lemmon (GLB)
Member, Geological Survey

FARutledge/ls
2/26/53

cc: Docket
Admn. Reading File
Field Team, Region 3
Code 400
Operating Committee
D. M. Lemmon, USGS
R. W. Geehan, USBM

Open Conv.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

DOCKET COPY

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

Noted
2/4/53

January 27, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject:; Docket DMA-1376X (Tungsten) Contract Idm-E103
Black Rock Mining Corp., Scheelore Mine, Mono County, Calif.

As requested in your letter of January 23, enclosed herewith is a copy of subcontract, dated August 11, 1951, entered into by the Black Rock Mining Corporation and Palmer and Decker of Bishop, California.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

RECEIVED
FEB 4 - 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

FILE COPY
SURNAME:

amalley
Chambers

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

JBW.

D.M.E.A.

J. L. Chambers
3461 2612

14X3923.970 Working Fund, DMEA
January 27, 1953

Mr. H. C. Miller, Executive Officer, DMEA Field Team Region III,
1012 Flood Building, 870 Market Street, San Francisco 2, California

Reurtel 1/27/53 on E-103, DMEA-1376X, Black Rock Mining Corporation, obligation document being issued today reobligating contract for one cent which will reconcile our records.

Jay L. Chambers, Chief
Contract Administration and
Audit Division

AMAlley/ama
January 27, 1952

J.H.
1-27-53

Copy to: Admr. Reading File
Mails and Files
Bureau of Mines Audits
Mr. Chambers

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 27 1953

RECEIVED
JAN 23 1 30 PM '53
GENERAL SERVICES ADM.
PUBLIC BLDG. SERVICE
WASHINGTON, D.C.

435 WA SFS /I-BOM/

SAN FRANCISCO CALIF 1-26-53 331P

JAY L CHAMBERS, CHF CONTRACT ADMN AND AUDIT DIV

DMEA, INTERIOR BLDG, WA

REFERENCE IS MADE TO RELEASE DATED 1/12/53 FOR E-103-DMEA-1376X, BLACK ROCK MINING CORPORATION, AMOUNT $38,623.57. OUR RECORDS SHOW A BALANCE OF $38,623.56. UNABLE TO RECONCILE TO YOUR FIGURE. PLEASE REPLY.

H C MILLER, REGL DIR REGN III

1/12/53 E-103-DMEA-1376X $38,623.57 $38,623.56

JC 332P

800

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

January 23, 1953

Memorandum

To: Mr. Frank E. Johnson
Deputy Administrator

From: Jay L. Chambers, Chief (Signed) J. L. Chambers
Contract Administration and Audit Division

1376 - F 103

Subject: Attached Memoranda from you and Mr. Hofflund

I agree that a copy of Mr. Hofflund's memorandum in regard to Mr. Miller's written approval of an early subcontract re Black Rock Mining Corporation, Docket DMEA-1377, E44, should not be sent to Mr. Miller. In auditing the contract of the Black Rock Mining Corporation's contract E44, Mr. Mavor discovered that in the early part of the contract part of the work was done through the medium of a subcontract which had not been approved in writing but had been approved orally by Mr. Miller.

Delegation of Authority Order 2653, issued under date of August 16, 1951, Section 1, Paragraph (b), authorizes the Field Team to give written approval to subcontracts. Approximately the same authority is also carried in Delegation of Authority Order 2664, issued April 25, 1952, Section 3, Paragraph (d). Section 4 of our early contract forms states that subcontract work can be done provided the Operator receives written approval of the Government. In our audit work we attempt to follow the practices and policies established by the General Accounting Office. One of these policies requires that the auditor must take into consideration any policies or practices established by the Department or Administration. It is also fundamental that the auditor take into consideration the provisions of the contract covering the account under audit.

In auditing the above contract Mr. Mavor could not find the approval by the Government of the subcontract and talked to Mr. Miller about it. Mr. Miller stated that no written approval had ever been made but he had informed the Operator by telephone to go ahead with the work. Mr. Mavor asked advice of this office in regard to the written approval of the subcontract and we advised him that Mr. Miller should issue a written approval confirming his oral agreement. This was done to satisfy our audit requirements.

It is apparently true that no instructions as such have been given to the Field Team in regard to giving written approval to subcontracts or the distribution of such contracts prior to DMEA Circular 27, issued under date of June 17, 1952.

It is believed, however, that the citations given above was sufficient instruction for the Field Team to act in this regard.

Since the written approval by Mr. Miller of the above-cited contract was performed to satisfy a complete audit of the contract and for no other purpose, I believe that no further action on this is necessary.

Attachment

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

Memorandum

To: Mr. Jay L. Chambers

From: Frank E. Johnson
Deputy Administrator

Subject: Black Rock Mining Corporation (Tungsten)
Docket No. DMEA-1377, Contract No. Idm-~~K44~~
1376 103

I can find no record of instructions to Field Teams with respect to approving subcontracts, prior to June 17, 1952, the issuing date of DMEA Circular No. 27. This Circular does not specify who will sign for the Government, the approval forms attached to the Circular. There appears to be no instructions to Field Teams to send copies of subcontracts to Washington for review.

Evidently the approval of the Black Rock subcontract by the Field Team was made so as to conform to the requirement of Circular No. 27, and to Article 4 of the old form which provides for written approval of subcontracts by the Government, but does not appear to require prior written approval. No doubt it was the desire of the Field Team to correct an oversight and give its consent to the subcontract and to confirm the Field Team's previous oral approval of it, and hence approval of reimbursement for the Government's share of the cost of drilling.

The acceptance of the work performed by the Field Team ~~for~~ and reimbursement of the Government's share of the cost of drilling would seem to me to also constitute approval of the subcontract.

FEJohnson/bih
1/22/53
cc to: Docket
Admr. Reading File
Messrs. Hofflund
Martin
FEJohnson

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

January 15, 1953

Memorandum

To: Administrator

From: Chief Counsel

Subject: Black Rock Mining Corp., Docket No. DMA-1377
Contract No. Idm-E44, (Tungsten)

Reference is made to an "Approval of Subcontract" dated December 22, 1952, which was submitted to this office on a routing slip dated December 30, 1952. Apparently, the subcontract in question has long been in effect, and it is not now submitted for legal review. Moreover no copy of the subcontract is submitted with the approval, and this office is unable to review the subcontract.

This approval of subcontract ~~regards~~ raises some accounting and auditing problems which will be here stated:

Aug. 8, 1952.

~~The original contract~~ is on the old form (MF-200) and is dated June 30, 1951. This original contract was restated ~~on an amended~~ contract on the new form MF-200, dated September 24, 1952. The approval of subcontract now submitted bears this notation: "Confirmation of verbal approval given on November 9, 1951." The approval itself relates to a drilling contract dated July 5, 1951.

It may be seen that this approval of subcontract, dated December 22, 1952, is subsequent to the restated and amended exploration contract the date of which is September 24, 1952. Of course, it would have been preferable if the approval of subcontract had been made prior to the date of the restated and amended exploration contract, because as of the date of the amended exploration contract, the original contract, to which the subcontract relates, is no longer in effect. I believe, however, that it is sufficiently clear that the approval of the old subcontract, at this late date, is not intended to modify or have any effect on the amended exploration project contract under which the work is now being carried on. The amended exploration project contract provides for no drilling at all, either by the operator or by subcontractor.

The original contract contemplates the performance of the drilling by the operator himself by the use of employed labor and supervision and equipment to be rented, all of which items are estimated in Exhibit "A" attached to the original contract. I can only assume that all of the drilling specified in the original contract was carried out under this subcontract, and that no equipment was ever rented or labor employed for this purpose. I cannot see, however, how the operator could have received any payments at all on account of the drilling if it was performed under this subcontract, inasmuch as the original contract makes no provision for a subcontract, and it is just now being approved under date of December 22, 1952. The matter seems to me to be one for auditing.

J. L. Hofflund
Chief Counsel

Attachment

FILE COPY
SURNAME:

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

Martin
Selfridge
Thayer

B.W.

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

JAN 23 1953

J.C. 1/23/53

Re: Docket No. DMA 1376 - Tungsten
Black Rock Mining Corporation
Scheelore Mine
Mono County, California
Contract No. Idm-E-103

Dear Mr. Miller:

This will acknowledge receipt of a copy of your "Approval of Subcontract" dated December 22, 1952, covering certain diamond drilling operations to be performed at the subject project by Palmer and Decker of Bishop, California.

It will be appreciated if you will also obtain and send to us for our records a copy of the contract covered by the above approval between Palmer and Decker of Bishop, California, and the Black Rock Mining Corporation.

Sincerely Yours,

George C. Selfridge

(GHB)

Chairman, Operating Committee

Approved:

J. H. Hedges (GHB)

Member, Bureau of Mines

T. P. Thayer (GHB)

Member, Geological Survey

cc: Docket
Field Team, Region 3
Code 400
Admn. Read. File
Operating Committee
D. M. Lemmon, USGS
R. W. Geehan, USBM

WSMartin/hhb
1/22/53

FILE COPY
SURNAME:
800

Talbert
Chambers

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

DEC 9 1952

Mr. George Mavor
DMEA Auditor, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket DMA-1377, Contract I-DMA-E44
and
Docket DMA-1376X, Contract Ida-E103
Black Rock Mining Corporation

Dear Mr. Mavor:

Receipt is acknowledged of your letters of December 3 and December 4, 1952, relative to the referenced projects.

Your procedure in regard to E-44 appears to be correct. It would be preferred that a letter be obtained from the Operator stating that he will make no claim for his February costs, and a copy of such letter should be referred to in your Audit Report and attached thereto as an Exhibit. However, a letter is not absolutely essential and your Audit Report should not be held up unduly in anticipation of its receipt.

The body of the Audit Certificate should read as follows:

Total cost as billed by contractor	$46,494.17
Less: Feb., 1952, costs withdrawn	4,435.76
Net cost claimed by contractor	42,058.41
Exceptions:	
etc...	

Under the E-103 contract the $1,000.00 payment to the sub-contractor for removal of his equipment is an allowable cost within the terms of the exploration contract provided that a determination is made that the amount is reasonable and the Executive Officer formally approves the sub-contract.

Both of the referenced exploration contracts require written approval by the Government of all sub-contracts. Therefore, you should request the Executive Officer to confirm in writing his informal telephonic approvals of the sub-contracts. Since a final audit is involved, the release of the Audit Reports and Certificates should be withheld until the sub-contracts have been formally approved.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/wb
December 9, 1952

Copy to: Mails & Files
Admr. Reading File
Mr. Chambers

f.N.
12-9-52

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1012 Flood Building
870 Market Street
San Francisco 2, California

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

December 4, 1952

Mr. Jay L. Chambers, Chief
Contract Administration and
Audit Division
Defense Minerals Exploration
Administration
Washington 25, D. C.

Re: Docket No. DMA-1376X
Contract No. Idm-E103
Black Rock Mining Corp.
Bishop, California

Dear Mr. Chambers:

I recently completed the audit of subject contract for the period August 8, 1951 to October 31, 1952, covering a project of exploration for tungsten at an estimated cost of $61,623.50. This contract was terminated October 10, 1952, and the cost of the project was made up as follows:

	FORM MF-104
Total costs to Nov. 30, 1951	$ 9,125.43
Total cost month of Oct. 1952	1,000.00
Total costs to Oct. 31, 1952	$ 10,125.43

An agreement was entered into under date of August 11, 1951, between Black Rock Mining Corporation and L. G. Palmer and A. P. Decker for diamond drilling. Included in this agreement was a clause which read as follows:

> "If the Company should decide to terminate this drilling program before 3,000 feet have been completed, Company agrees to pay Contractor $1,000.00 for their expense in removing their equipment."

The above $1,000.00 was paid to Palmer and Decker October 29, 1952, by check No. 4682. However, I might state that this sub-contract was never approved by DMEA. In discussing this payment with Mr. H. C. Miller, he stated that he had given verbal approval over telephone for the Black Rock Mining Corporation to proceed with the drilling operations

under the sub-contract and as this DMEA contract was one of the early contracts he was not entirely familiar with the requirements for sub-contract approval.

I believe the $1,000.00 is properly reimburseable under the terms of subject contract and I am citing the case in the event you have any comments to offer.

Sincerely yours,

George Mavor

George Mavor
Auditor

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 14 1952

October 10, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Contract Idm-E103, Docket DMEA 1376 (Tungsten), Black Rock Mining Corporation, (Scheelore), Mono County, California

We are today sending to the above notice of termination of exploration project contract, copies (2) of which are attached for your files.

Copy made & retained in 400. LS

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to A. C. Johnson, Reno, Nevada (with copy of notice)
Finance Officer, Reg. III (with copy of notice)
E. H. Bailey, USGS
G. Mavor, DMEA, Reg. III

RECEIVED
OCT 20 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

September 23, 1952

Memorandum

To: A. C. Johnson, Bureau of Mines, Reno, Nevada

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 1376 (Tungsten), Black Rock Mining Corporation, (Scheelore), Exploration Project Contract Idm-F103

A review of the file on the subject property, shows according to the June 23, 1952 Inspection Report that no work has been done under the contract since October 31, 1951. That same report states that Mr. C. H. Hall has proposed that the work be discontinued and that he asked you to forward to him forms for the "Termination of Exploration Project Contract by Agreement after Commencement but before Completion of the Work" for filing and signature.

The July 23 Inspection Report states that the forms sent him in June had not been returned to your office. The report infers that Mr. Hall had plans to continue further drilling in area 3 when conditions permit. Possibly, that is why Mr. Hall has not returned the termination forms.

Paul Bateman of the Geological Survey, who recently spent considerable time in the Bishop area, informs me that no work has been done on the property this year.

In view of the fact that the Operator has failed to prosecute operations pursuant to the terms of the contract, don't you agree that this office should terminate the contract?

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to DMEA, Interior Building, Washington 25, D. C.
E. H. Bailey, USGS

FILE COPY
SURNAME:

Selfridge
Matthews

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

AUG 11 1952

Mr. H. C. Miller
Executive Officer, DMEA Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Disposal of diamond drill cores
Docket No. DMEA 1376 - Tungsten
Black Rock Mining Corporation
Scheelore Mine
Mono County, California
Contract No. Idm-1-103

Dear Mr. Miller:

Please refer to Mr. L. J. Matson's memorandum dated June 23, 1952, to Mr. A. C. Johnson, Chief, Mining Division, Region III, in which we are informed that no further work under the exploration contract will be done at the subject mine.

Mention is also made concerning the disposal of the diamond drill cores which are stored at the mine. As soon as the cores have served their purpose, we see no reason why the Bureau of Mines should not have them if they wish and will take care of the transportation charges.

In a memorandum dated July 3, 1952, Mr. Matson comments on the termination forms sent the Company. He intimates that possibly the Company will do more drilling. If the Company does more drilling, it probably would be best that the diamond drill cores remain at the mine until the project is completed.

Sincerely yours,

(signed) FRANK E. JOHNSON (HB)
Chairman, Operating Committee

F.N. 8-11-52

Approved:

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

D. M. Lemmon (HB)
Member, Geological Survey

GCSelfridge:ls 8/7/52

cc: Docket
Admn. Read. File
Field Team, Reg. 3
Operating Committee
G. C. Selfridge
D. M. Lemmon, USGS
R. W. Geehan, USBM

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8-5-52

REFERRED TO:

1. Code 400
2.
3.
4.

FOR:

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

REMARKS: .....

Check (X) before the items needing attention.

R. E. ADAMS

Initials of sender.

GPO 16—63815-1

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

August 1, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 1376 (Tungsten) Black Rock Mining Corporation (Scheelore), Exploration Project Contract Idm-E103 - Inspection Reports

Attached are four copies each of subject insepction reports, dated June 23 and July 23, 1952 by E. J. Matson.

These inspection reports were finished prior to receipt of Memorandum No. 9, dated July 15, 1952, from G. C. Selfridge of the Washington DMEA office. On future inspections and reports, instructions given in that memorandum will be followed.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments
Copy to E. H. Bailey, USGS (with copy of reports)

Inspect. Reports
Copy retained 400
1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 5 1952

A. C. Johnson, Chief, Mining Div., Reg. III June 23, 1952

E. J. Matson, Mining Engineer, Bureau of Mines, Reg. III

Scheelore Mine, Mono Co., Calif. (Black Rock Mining Corp.)
Contract Idm*E103

No work at the Scheelore mine under contract Idm-E103 has been done since October 20, 1951.

Four holes were diamond drilled under the contract as stated in the last report on Nov. 23, 1951. No ore was found by the drilling and according to Mr. C. H. Hall, manager of the Black Rock Mining Corporation, work will be discontinued.

Forms for the "Termination of Exploration Project Contract by Agreement after Commencement but before completion of the work" covering the contract have been sent to Mr. C. H. Hall for filing and signature.

The cores from the drilling are stored at the Black Rock mine office and are available for transportation to the Reno core library of the Bureau of Mines. It is the desire of the company to know what to do with them. In the meantime they are in good storage.

According to the Mining Division, Region III, Reno, Nevada files, the status of the contract is as follows:

Contract approval	$61,623.50	Govt. participation	$46,217.62	or 75%
Total amount spent	9,125.43	" "	6,844.07	
Unspent balance	$52,498.07	" "	$39,373.55	

E. J. Matson

E. J. Matson

A. C. Johnson, Chief, Mining Div., Reg. III July 23, 1952

E. J. Matson, Mining Engineer, Bureau of Mines, Reg. III

Scheelore Mine, Mono County, Calif. (Black Rock Mining Corp.) Idm-E103.

Inspection Report July 17, 1952

No work has been done under Contract Idm-E103 since Oct. 20, 1951. Work had been discontinued due to severe winter weather conditions. The property is still impossible to reach on account of snow in the higher elevations, according to information gained from the Black Rock Mine office.

During the last interview (June 1952) with Mr. C. H. Hall, Manager of Scheelor and Black Rock Mines, he intimated that no further drilling was contemplated by the company due to the poor showing from the holes already drilled. He therefore asked for the "Termination of Exploration Project Contract by Agreement after Commencement but before Completion of the Work" forms. The forms were sent to him in June 1952, however, he has not returned them to this office.

Now he plans to continue further drilling in Area No. 3 when conditions permit. Mr. Hall was at the Lincoln mill in Nevada during the above inspection date. This information was obtained from the mine office during Mr. Hall's absence and needs further confirmation.

E. J. Matson

E. J. Matson

A. C. Johnson, Chief, Mining Div., Reg. III July 23, 1952

E. J. Matson, Mining Engineer, Bureau of Mines, Reg. III

Scheelore Mine, Mono County, Calif. (Black Rock Mining Corp.) Idm-B103.

Inspection Report July 17, 1952

No work has been done under Contract Idm-B103 since Oct. 20, 1951. Work had been discontinued due to severe winter weather conditions. The property is still impossible to reach on account of snow in the higher elevations, according to information gained from the Black Rock Mine office.

During the last interview (June 1952) with Mr. C. H. Hall, Manager of Scheelor and Black Rock Mines, he intimated that no further drilling was contemplated by the company due to the poor showing from the holes already drilled. He therefore asked for the "Termination of Exploration Project Contract by Agreement after Commencement but before Completion of the Work" forms. The forms were sent to him in June 1952, however, he has not returned them to this office.

Now he plans to continue further drilling in Area No. 3 when conditions permit. Mr. Hall was at the Lincoln mill in Nevada during the above inspection date. This information was obtained from the mine office during Mr. Hall's absence and needs further confirmation.

E. J. Matson

E. J. Matson

Item 1376

OFFICE OF THE ADMINISTRATOR

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

April 17, 1952

Memorandum

To: Frank L. Johnson, Chairman, Operating Committee, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Form MF-104, Operator's Monthly Progress Report

For your records, enclosed herewith are two copies of subject report filed by the Black Rock Mining Corporation on March 14, notifying us that due to weather conditions they were unable to do any work during the month of February under Contract Idm-E103, docket DMA-1376X.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copy to: E. H. Bailey, U.S.G.S.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Received
APR 21 1952

In Destroying case of DMA 1165X Dr. Dwyer to 400

UNITED STATES
DEPARTMENT OF THE INTERIOR

~~BUREAU OF MINES~~
~~REGION III~~

DEFENSE MINERALS ADMINISTRATION

OFFICE OF
~~REGIONAL DIRECTOR~~
Executive Officer
DMA Field Team
Region III

1012 Flood Bldg.
870 Market St.
~~MAIL ADDRESS BLDG.,~~
~~630 SANSOME STREET~~
SAN FRANCISCO 2, CALIF.

August 22, 1951

Air Mail

No answer necessary

Memorandum

To: C. O. Mittendorf, Director, Production Expansion Division, DMA, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: DMA Exploration Projects--Diamond-Drilling Contracts

In several of your letters to me regarding exploration project contracts, you have advised the contracting parties to send copies of their diamond-drilling contracts to me for approval. My reference is to the Black Rock Tungsten contract, DMA-1376X--Contract Idm-E103, and Cordero Mining Company contract, DMA-1165X--Contract Idm-E64.

My problem is what should I approve? The Black Rock contract is an impressive legal document but the only part of it that seems of immediate interest to me is the contracted cost per foot of hole drilled, which, all I can say, seems reasonable. Cordero Mining Company submitted only a copy of its contractor's letter indicating the contract price and approval by both parties concerned. In neither submitted contract is there included sufficient data on which to guarantee satisfactory work, either to the companies entering into the contract or to the Government.

I believe that certain specifications for core-drilling should be included in the contract, somewhat similar to those previously used in the Bureau of Mines Mining Division project work. In the contracts examined by me so far there is nothing included relative to core recovery, method of sampling, collecting sludges, grinding of core, types of core-barrel to be used, and other items of importance.

I assume that the Government will require as complete and reliable data on exploration loan work as that required to appraise the values of similar past projects that were done by the Mining Division, Unless close supervision is exercised, the Government must rely entirely on the integrity of the company to supply information on which depends the reported success or failure of the enterprise. Without proper supervision, sludge samples could be salted, proper coring could be neglected, false measurement on depth of holes could be presented.

Copy retained 400

RECEIVED
AUG 24 1951

presented, difficult holes could be abandoned, and many other things that probably will not happen but could happen. Also, what is to prevent a company from throwing away high-grade cores so that in the end our engineers (based on inaccurate information) would conclude that the project did not open up a body of commercial ore and the applicant, therefore, would not have to repay the Government for its share of the cost.

In view of the large amount of Government money involved, it seems that we should be advised by the Defense Minerals Administration as to the Regional Office responsibilities relative to the administration of the diamond-drilling contracts. It would seem to me that the expense of a project engineer on the larger projects would be cheap insurance. On the smaller contracts, one engineer could probably handle two or three projects.

An early reply will be appreciated, as I am holding up the approval of the cited contracts until I hear from you, although it is my understanding, at least in so far as the Black Rock tungsten contract is concerned, that diamond drilling the property already is underway.

H. C. Miller
Executive Officer, DMA Field Team
Region III

AUG 17 1951
400

BLACK ROCK MINING CORPORATION

205-207 CLARKE STREET
BISHOP, CALIFORNIA
PHONE 2481

August 13, 1951

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

Subject: Docket No. DMA 1376X
Scheelore Exploration Project

This will acknowledge your letter of August 9th, together with a copy of the Contract for the Scheelore Exploration Project, which has been signed by yourself and our Mr. C. M. Dice. We note that this Contract bears register number Idm-E103, and the effective date is August 8, 1951. We also acknowledge receipt of the Progress Report Forms MF-104, and will submit these in quadruplicate to Mr. H. C. Miller, Executive Officer, Region III.

On August 11th, the diamond drilling contract on this project was signed, and we are now attempting to contact Mr. Miller to secure his approval before beginning actual operations.

Yours sincerely,

BLACK ROCK MINING CORPORATION,

C. H. Hall, Manager

CHH:jc

CC Mr. Carl M. Dice

FILE COPY
SURNAME:
400

Mittendorf

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

August 9, 1951

G. E. C.

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket No. DMA 1376X
Black Rock Mining Corporation
Exploration Project Contract
Idm-E103
Bishop, California

Gentlemen:

Enclosed for recording in your office is the original, signed copy of an Exploration Project Contract executed between the operator named in the above reference and the Government of the United States.

Sincerely yours,

C. O. Mittendorf (J. N.) 8/16

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

DEMoulds/meh
cc to: Reports and Records
Adm. Reading File
Messrs. Mittendorf, Olund
Mr. Moulds
Mr. Holderer
Mr. Thayer
Mr. R. W. Geehan
Region III (2)
Docket

FILE COPY
SURNAME:
400

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

Mittendorf

August 9, 1951

Mr. H. C. Miller
Executive Officer
Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Black Rock Mining Corp. G.E.P.

Re: Docket No. DMA 1376X
Scheelore Exploration Project

Dear Mr. Miller:

Herewith enclosed is one signed and approved copy of the subject Exploration Contract. A copy of this contract will be forwarded to the Region Finance Officer by the Washington Finance Section.

Mr. C. H. Hall has been instructed to contact your office when work is started under this contract.

Sincerely yours,

C. O. Mittendorf (J. H.)

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

DEMoulds/meh
cc to: Adm. Reading File
Reports and Records
Messrs. Mittendorf, Olund
Mr. Moulds
Mr. Thayer
Mr. Holderer
Mr. R. W. Geehan
Region III
Docket

FILE COPY
SURNAME:

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

Mr. Mittendorf

August 9, 1951

Mr. C. H. Hall, Manager
Black Rock Mining Company
207 Clarke Street
Bishop, California

Re: Docket No. DMA 1376X
Scheelore Exploration Project

Dear Mr. Hall:

Please find herewith a copy of the contract for the subject exploration project which has been signed by Mr. C. M. Dice, Vice President, and by this office for the Government.

The contract bears register number Idm-E103 and effective date of August 8, 1951.

We are also enclosing four Progress Report Forms, MF-104, to be used in making your first report which should be submitted in quadruplicate to Mr. H. C. Miller, Executive Officer, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, by the 15th of the month following the period covered by the report. A copy of information bulletin, which we have prepared and which answers many questions that have arisen in connection with the exploration program, is also enclosed.

For additional forms or any further questions in connection with the project, it is suggested that you contact Mr. Miller. You are also requested to advise Mr. Miller when the work is started under this contract and to secure approval of the drilling contract.

Sincerely yours,

8/10 cc

C. O. Mittendorf
C. O. Mittendorf, Director
Production Expansion Division

Enclosures-6

DEMoulds/bjs
cc to: Adm. Reading File
Reports and Records
Mr. Mittendorf, Mr. Olund
Mr. Moulds
Region III (2)
Mr. Holderer
Mr. Thayer
Docket copy
Chron. copy

FILE COPY
SURNAME:

240 Guthrie

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

August 8, 1951

del'd by hand

A. E. C.

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Black Rock Mining Corporation exploration contract -- Docket No. DMA-1376X

The redraft of the contract in the captioned case, prepared to meet the objections raised in our memo of August 7, 1951, is approved as to legal form and sufficiency subject to proper execution by the Operator and subject to Government approval of any subcontract under which work upon the project is to be performed.

Your file is returned herewith.

J. L. Hofflund
J. L. Hofflund
General Counsel

Attachment
RRGuthrie/ema

Copy to: Reports & Records Unit
J. L. Hofflund
R. R. Guthrie } del'd by hand
Chron.

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

August 7, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Black Rock Mining Corporation, proposed drilling contract, DMA-1376

I am unable to approve the subject contract, which was submitted to me on August 3, for the following reasons:

The actual exploration work consists solely of drilling. The estimated total cost of the contract is $65,473.50. Of this amount the estimated cost of the drilling, which is to be performed by contract, is $38,340.00, with the drilling contractor furnishing all equipment, supplies, and labor to accomplish the drilling. This leaves $27,133.50 for expenses incidental to the actual exploration work of drilling.

It is my opinion that this large amount of $27,133.50 is not sufficiently accounted for in detailed form in Exhibit "A". The estimated costs set forth in Exhibit "A" are set forth almost entirely in terms of labor and supervision, and it recites that the labor is "for repair of bunkhouse and mess hall, access roads and bridges, pipelines, construction of roads to and preparation of drilling sites and supply." It seems to me that one cannot really know what is going into this contract without detailing these items with the amounts estimated for each, and showing a total of $27,133.50. To be sure, Exhibit "A" does say that these costs are to be for "repair" of the various items, but I think we should be sure that this large amount is not to be expended in the construction of buildings and fixtures in which the Government should have a legitimate equity when the contract is fully performed. The only way to make sure of this is to list the items that are to be "repaired" with an estimated amount for each and a clear statement that they actually are in existence on the premises.

In brief, it seems to me that the cost of the incidental operations are entirely out of proportion with the cost of the actual drilling operations, and should be set forth in detail so that they can be properly justified. I will confess that this is more of a criticism from an administrative standpoint than from a legalistic standpoint, and if you disagree with me I will not have too much difficulty in withdrawing the objection. At the same time, I think we are both interested in getting these contracts in shape to withstand any sort of criticism.

J. L. Hoffland
General Counsel

Attachment

Mr. Moulds

1376

BLACK ROCK MINING CORPORATION

205-207 CLARKE STREET
BISHOP, CALIFORNIA
PHONE 2481

P.O. Box 517

June 19, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 22 1951
LANDON F. STROBEL
Executive Secretary

Mr. D. E. Moulds
Production Expansion Division
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Moulds:

We enclose some photographs of the Scheelore property as requested by you in our telephone conversation of June 18th.

The group of four small photographs are self-explanatory, and the other view shows all three ore bodies as seen from the Lake on the south end of the mineralized zone. Number 3 ore body crosses the ridge in the distance, and is traceable for two or three hundred feet in the face of the cliff.

Trusting that these photographs will enable you to have some idea of the alpine conditions existing at our Scheelore Mine.

Yours sincerely,

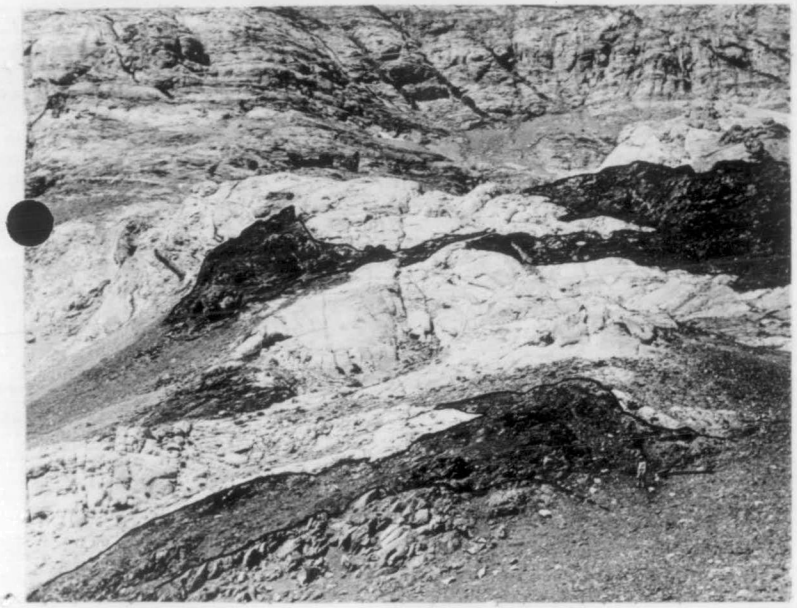
BLACK ROCK MINING CORPORATION,

C. H. Hall, Manager

CHH:jc
Enclosures (2)

LOOKING · SOUTH · FROM #3 · ORE · BODY
AT #1 AND #2 · ORE · BODIES

LOOKING · UP · AT · MILLSITE
AND #3 · ORE · BODY



LOOKING · WEST · AT #1 AND #2 · ORE · BODIES
NOTE · FIGURE · OF · MAN

LOOKING · NORTHWEST · AT
#1 · 2 · 3 · ORE · BODIES

VAN · LOON ~ MORHARDT
TUNGSTEN · PROPERTY
MONO · COUNTY · CAL ·

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA

FILE COPY
SURNAME:

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

June 11, 1951

Mr. C. H. Hall
Treasurer
Black Rock Mining Corporation
Woolworth Building
New York 7, New York

Subject: DMA-1376X
Re: Exploration Loan -
Scheelore Mine

Dear Mr. Hall:

Receipt is acknowledged of your application and attachments of May 31, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1376X and referred to Mr. P. R. Bradley, Chief, Tungsten Branch on June 1, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1376X.

Sincerely yours,

LANDON F. STROBEL
HB

Landon F. Strobel
Executive Secretary

LFSTROBEL:hb

Copy to: Mr. Strobel
Mr. Lyon
Mr. Bradley
Files

BLACK ROCK MINING CORPORATION
205-207 CLARKE STREET
BISHOP, CALIFORNIA
PHONE 2481

June 7, 1951

AIR MAIL - SPECIAL DELIVERY

Mr. George B. Holderer
316 North Thomas Street
Arlington 3, Virginia

Dear Mr. Holderer:

Pursuant to your telephone request of yesterday, we are enclosing the following data to accompany our Application for Aid for a Tungsten Exploration Project at the Scheelore Mine, Pursuant to Mineral Order 5, Defense Production Act of 1950, Docket Number 1376:

1. Four copies of Subordination Agreement from the owners of the Scheelore Mine.

2. Three copies of the Scheelore Mine Map.

We have not yet received the Subordination Agreements on the Black Rock Mine, but expect to have these in our possession by Saturday next, at which time we will air mail special delivery them to you.

Yours very truly,

BLACK ROCK MINING CORPORATION,

C. H. Hall, Manager

CHH:jc
Enclosures

FILE COPY
SURNAME:

Lemmon
Holaeen
Bradley

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

June 6, 1951

Memorandum

To: Director, Production Expansion Division, DMA

Through: Director, Supply Division

From: Tungsten Branch

DMA-1376/x
Tungsten

Subject: Exploration Project, Scheelore mine
Black Rock Mining Corporation
Box 1031, Bishop, California

Property: Scheelore Mine
37°30'30" N. latitude, 18°50'26" W. longitude
Mono County, California

It is recommended that the application for an exploration project costing $82,896.60 be approved on the basis of 75 percent participation by the Government. The project as outlined in the attached report consists of 19 diamond drill holes aggregating 6,130 feet, to be drilled from surface locations. The location of the proposed holes is shown on the accompanying map, part III of the application, and the direction, inclination, and length is given in part IV. These two parts constitute Exhibit A of Contract MF-200.

It is recommended that the applicant be authorized to shift the position of the proposed holes as required by new information determined during the project, provided that the proposed footage and cost shall not be exceeded.

Mr. Clarence H. Hall, Manager of the Black Rock Mining Corporation, informed the Tungsten Branch June 5 by telephone that subordination agreements from the lessors were being prepared and would be submitted promptly. He also promised three more copies of the map in addition to the four copies previously submitted.

All other information required for the Exploration Contract is given in the docket submitted. No fixtures and improvements are required (Exhibit B of Exploration Contract). The data required for Exhibits C and D are contained in the applicant's answers to question 23 of Form MF-103.

pp. 4-6 of the attached docket.. No rehabilitation or repairs of existing facilities are proposed (Exhibit N).

The applicant is experienced and technically competent.

P. R. Bradley mem

P. R. Bradley, Jr.
Chief Tungsten Branch

DMLemmon:mem

Approved:

Tom Lyon

Director, Supply Division

cc: Adm. Reading File
Mr. Strobel
Mr. Lemmon
Mr. Bradley
Files

Wah Chang Smelting and Refining Company of America, Inc.

PLANT
GLEN COVE, N.Y.

May 29, 1950

WOOLWORTH BUILDING
NEW YORK 7, N.Y.

DMA 1376X

Defense Minerals Administration
Dep artment of the Interior
Washington 25, D. C.

Gentlemen:

We hand you herewith four executed copies of our application for aid for an exploration project persuant to Mineral Order 5, under Defense P roduction Act of 1950.

This application covers a drilling p rogram designed to explore the tungsten reserves of the Scheelore Mine which is held under lease and option by the Black Rock Mining Corporation. The Scheelore Mine is located in Mono County, California, approximately 45 miles Northwest of Bishop, California.

The data has been assembled, and certification has been made by Mr. C. H. Hall, Treasurer and resident Manager of the Black Rock Mining Corporation. Further correspondence relative to this application should be directed to Mr. Hall's attention.

We will appreciate very much your early decision and reply.

Sincerely yours,

BLACK ROCK MINING CORPORATION

C M Dice

C. M. Dice
Vice P resident

FILE CONTENT TO DIRECTOR, PRODUCTION EXPANSION DIVISION

DMA-1376-X
Black Rock Mining Corp.
Box 1031, Bishop, California

2 Title Documents

2 index Map

2 Geology and Assay Map

2 Drill Hole Engineering Data.

letter to DMA 5-29-50 from Black Rock Minigg Corp.

DMA No. 1376 - TUNGSTEN
BLACKROCK MINING CORP., SCHEELORE MINE
MONO COUNTY, CALIFORNIA

EXPLORATION CONTRACT 1DM-E103 SIGNED AUG. 8, 1951 FOR 6,130 FT. OF DIAMOND DRILLING (5,740 FT., EX SIZE, IN ROCK AT $6/FT., AND 390 FT., UNSPECIFIED SIZE, IN TALUS AND GLACIAL TILL AT $10/FT.) AT TOTAL COST NOT TO EXCEED $61,623 (75% GOVT. PARTICIPATION). PROJECT TO BE COMPLETED IN TWO YEARS OR BY AUG. 8, 1953.

EQUIPMENT: OPERATOR TO SUPPLY ½-TON PICKUP TRUCK FOR 1 YR. AT $33/MO. RENTAL AND 2 "DRILLING OUTFITS" [TYPE?] (APPARENTLY DRIFTERS; IF SO, WHY?) FOR 2 MONTHS AT $33/MO. TOTAL $456 MAX.

D-8 BULLDOZER TO BE CONTRACTED FOR 400 HRS. AT $12/HR.; TOTAL $4,800

PUMP, PIPE, CORE-BOXES, & TOOLS TO BE PURCHASED FOR $1,797

SUPPLIES FOR CAMP REPAIRS AND CONSTRUCTION OF ROADS, DRILL SITES, ETC. TO BE PURCHASED FOR $1700

LABOR FOR CAMP REPAIRS, CONSTRUCTION OF ROADS DRILL SITES, ETC. ALLOWED TO EXTENT OF $6,800

SUPERVISION: ENGINEER'S SERVICES PROVIDED FOR 1 YEAR AT $500/MO. OR $6,000 TOTAL

DRILLING: CONTRACT BASIS, WITH DMA APPROVAL, $38,340 MAX.

TAXES, INSURANCE, & OFFICE EXPENSES ALLOWABLE TO EXTENT OF $1730.

PROGRESS: DRILLING COMMENCED AUG. 3, 1951 ON HOLE #14 BUT NOT REPORTED UNTIL END OF SEPTEMBER, PRESUMABLY BECAUSE DRILLING CONTRACT WAS NOT APPROVED UNTIL ?

SIZE EX HOLES SPECIFIED IN EXP. CONTRACT

BUT ALL DRILL LOGS INDICATE THAT AX HOLES WERE DRILLED

BIT SIZE	DIA. HOLE	DIA. CORE
AX		1 1/8"
EX		3/4"

DRILLING WAS SUSPENDED ON OCT. 20, 1951 BECAUSE OF WINTER WEATHER. 982 FT. DRILLED AT THAT TIME WITH NO DISCOVERY REPORTED. NO EXAMINATION OF CORES REPORTED BY FIELD TEAM. $25,000-FEE DUE OWNERS NOV. 1, 1951 REPORTED AS UNPAID (NOV. 23); LEASE TO BE ABANDONED IF EXTENSION NOT GRANTED

TOTAL COST OF CONTRACT DRILLING TO DATE: 982 FT. X $6 = $5,892.00. COST OF EX HOLES ACCORDING TO CONTRACT WITH SAME DRILLERS SIGNED LESS THAN ONE MONTH EARLIER (DMA 1377) WOULD HAVE BEEN $4484.60 OR $1,407.40 LESS. THIS REPRESENTS AN INCREASE OF 31 1/2 % OVER PRICES OF EARLIER CONTRACT.

OFFICE OF

THE SECRETARY OF THE INTERIOR

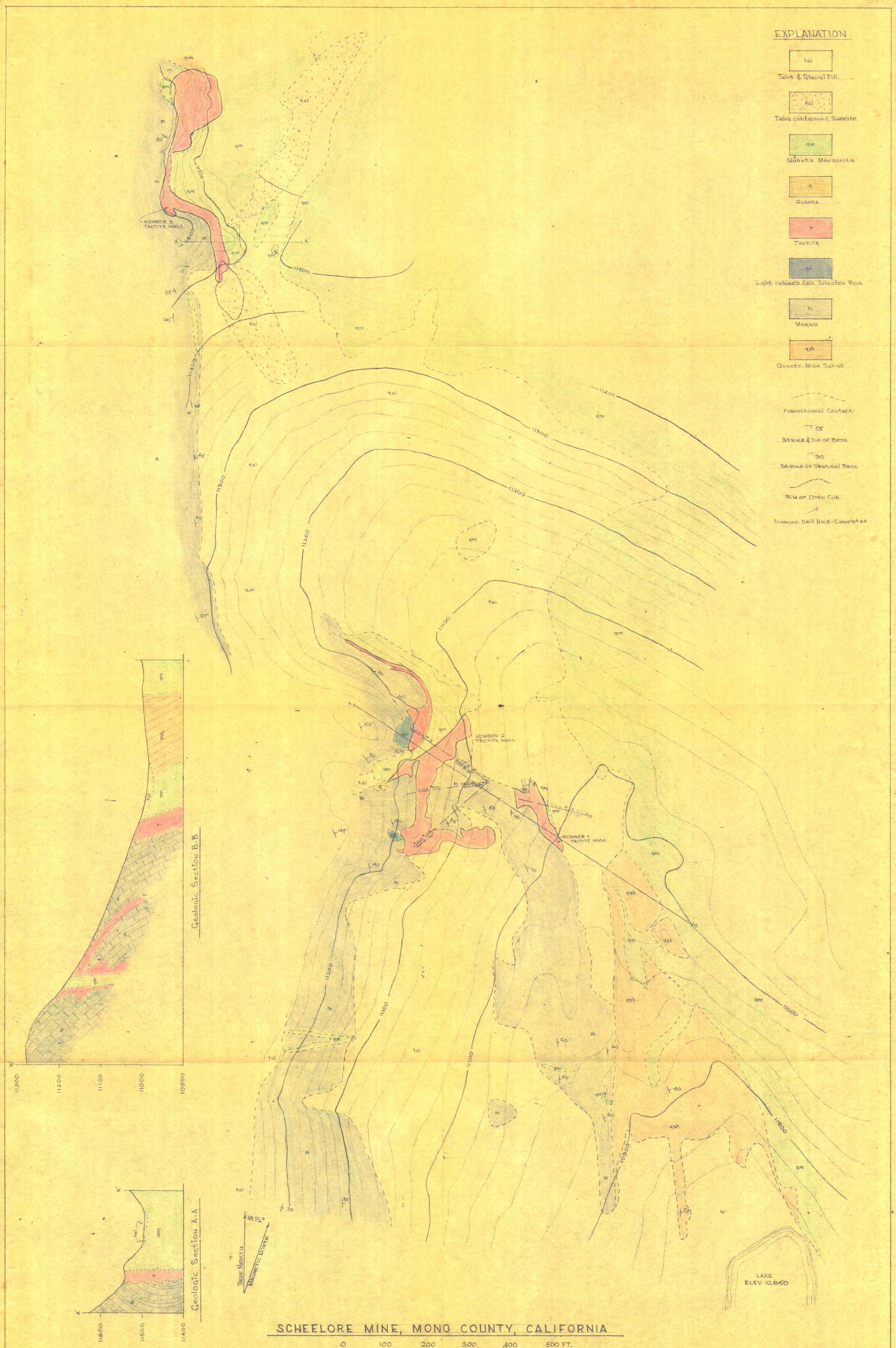
DMA No. 1376-TUNGSTEN BLACK ROCK MINING CORP., SCHEELORE MINE, MONO COUNTY, CALIF.
CONTRACT 10M-E103 SIGNED AUG. 8, 1951 FOR 6130 FT. OF DIAMOND DRILLING TO BE COMPLETED IN TWO YEARS AT TOTAL COST NOT TO EXCEED $61,623

5740 FT., AX SIZE, IN ROCK — 6.00/FT.
390 FT., SIZE UNSPECIFIED, IN TALUS AND GLACIAL TILL — 10.00/FT.
} 75% GOVERNMENT PARTICIPATION

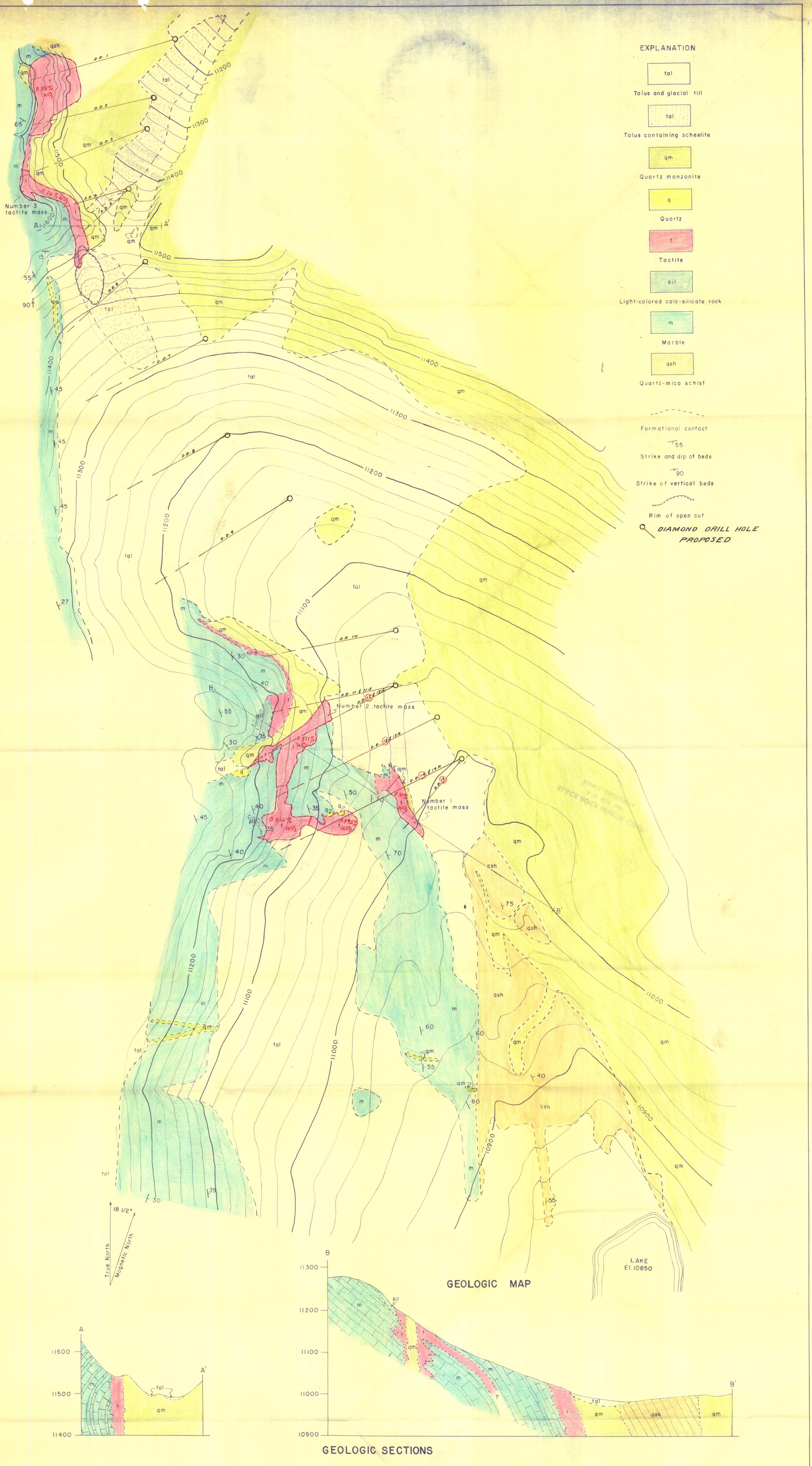
RESUME OF PROGRESS AND EXPENDITURES

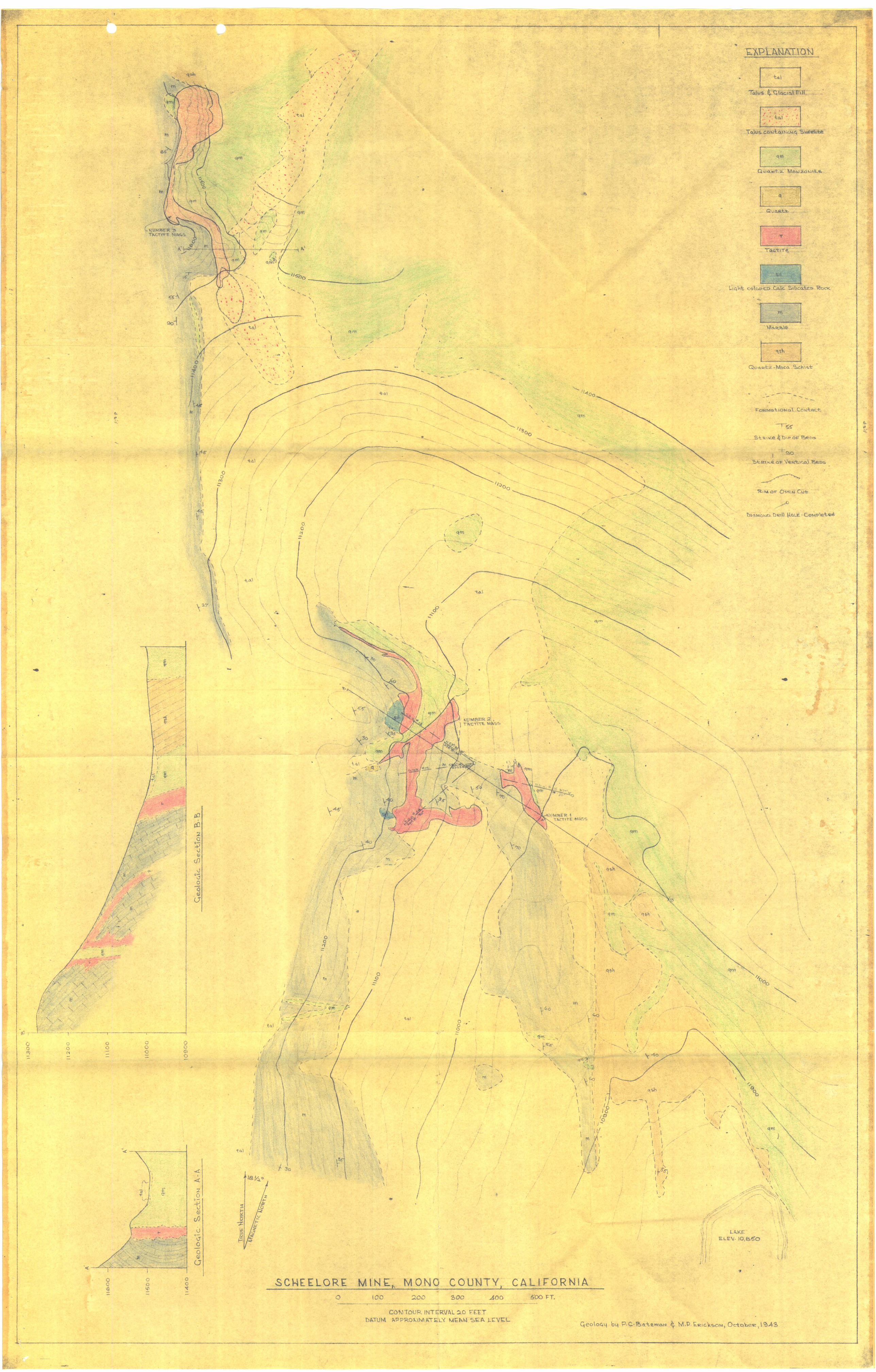
MONTH	FT. DRILLED	FT. DRILLED TO DATE	TOTAL COST*	TOTAL COST* TO DATE	SUPERVISION	DEPRECIATION & RENTAL OF EQUIPMENT	SUPPLIES	PURCHASE OF EQUIPMENT
AUG. 1951	ROAD CONSTRUCTION		1,644.77	1,644.77	275.00	1,016.50	11.08	—
SEPT.	756	756	5,235.23	6,880.00	500.00	33.00	25.28	—
OCT.	226	982	1,959.95	8,839.95	500.00	33.00	—	—
NOV.	PREPARING REPORTS & DRILL LOGS	982	285.48	9,125.43	500.00	—	—	—
DEC - MARCH	NO WORK DONE DUE TO WEATHER CONDITIONS - NO EXPENSES INCURRED							

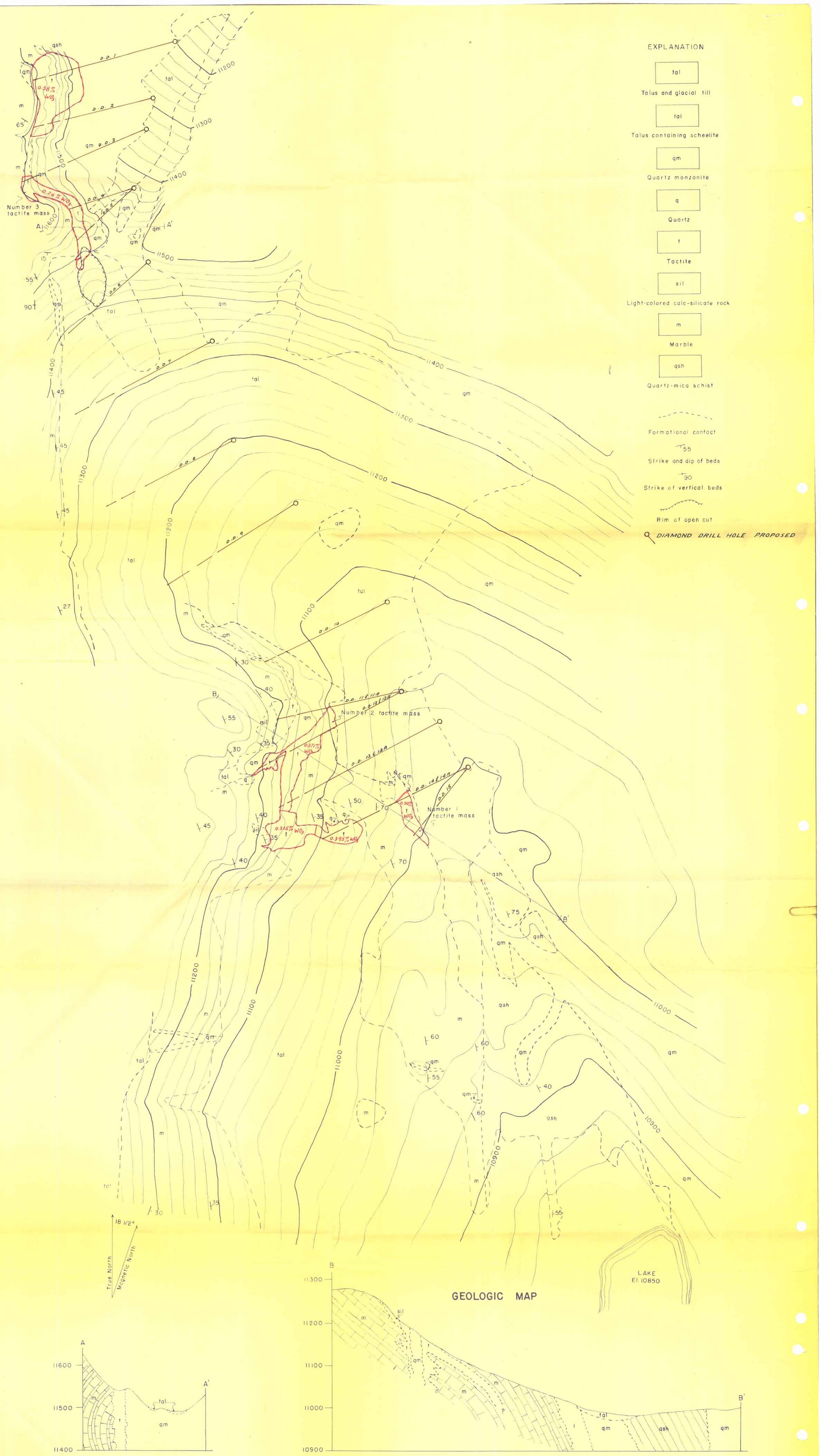
* INCLUDING COST OF CONTRACT DRILLING



DMA-1376X, E-103


EXPLANATION
tal
Talus and glacial till
tal
Talus containing scheelite
qm
Quartz monzonite
q
Quartz
t
Tactite
sil
Light-colored calc-silicate rock
m
Marble
qsh
Quartz-mica schist
Formational contact
55
Strike and dip of beds
90
Strike of vertical beds
Rim of open cut
DIAMOND DRILL HOLE PROPOSED
Number 3 tactite mass
Number 2 tactite mass
Number 1 tactite mass
0.58% WO3
0.26% WO3
0.371% WO3
0.315% WO3
0.395% WO3
0.30% WO3
LAKE El. 10850
True North
Magnetic North
18 1/2°
GEOLOGIC MAP
GEOLOGIC SECTIONS
SCHEELORE MINE, MONO COUNTY, CALIFORNIA
0 100 200 300 400 500 Feet
Contour interval 20 feet
Datum approximately mean sea level
BLACK ROCK MINING CORP.
P. O. BOX 1031
BISHOP, CALIFORNIA
Geology by: P.C. Bateman and M.P. Erickson, October, 1943


EXPLANATION
tal
Talus & Glacial Fill
tal
Talus containing Sheelite
qm
Quartz Monzonite
q
Quartz
T
Tactite
sil
Light colored Calc Silicated Rock
m
Marble
qsh
Quartz-Mica Schist
Formational Contact
Strike & Dip of Beds
Strike of Vertical Beds
Rim of Open Cut
Diamond Drill Hole - Completed
NUMBER 3 TACTITE MASS
NUMBER 2 TACTITE MASS
NUMBER 1 TACTITE MASS
LAKE ELEV. 10,850
TRUE NORTH
MAGNETIC NORTH
18½°
Geologic Section B-B
Geologic Section A-A
SCHEELORE MINE, MONO COUNTY, CALIFORNIA
0 100 200 300 400 500 FT.
CONTOUR INTERVAL 20 FEET
DATUM APPROXIMATELY MEAN SEA LEVEL
Geology by P.C. Bateman & M.P. Erickson, October, 1943



GEOLOGIC SECTIONS

SCHEELORE MINE, MONO COUNTY, CALIFORNIA

0 100 200 300 400 500 Feet

Contour interval 20 feet
Datum approximately mean sea level

Geology by: P.C. Bateman and M.P. Erickson, October, 1943