OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Hector Mining Company
c/o Burdette Thomas
Route I
Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E1213, DMEA No. 4930, for July 1958 to September 1958, inclusive, covering a mica project on the Ed Sparks Property, Yancey County, North Carolina.

My review included an examination of the Monthly Reports (Forms MT-104) and supporting documents, comparison of the claimed costs with the contract and pertinent schedules, verification of work performed by reference to Field Team reports and correspondence, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the reason that:

All of the costs were under a contract provision for payment by the Government on the basis of fixed unit costs of work performed.

The findings of this review are stated in the following summary:

Total cost billed by Operator		$5,278.00
Exceptions:		
Prior to this review	$ -0-	
Herewith	-0-	-0-
Accepted cost		$5,278.00

The contract calls for a 75 percent contribution of the allowable costs by the Government. Therefore, if the project is otherwise accepted as having met the terms of the contract, payments as follows are valid and proper:

Payable on audited claim	$3,958.50
Paid to date	2,230.50
Balance due Operator	$1,728.00

E. D. Talbert, Auditor

December 2, 1958

DEC 2 1958

Mr. Robert A. Laurence
Executive Officer
OME Field Team, Region V
Room 2-B, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-4930 (Mica)
Nector Mining Company
Contract No. Idm-E1213

Dear Mr. Laurence:

In accordance with the request in your November 21 memorandum and the reconfirmation of the work by your November 28 memorandum, a Report of Review on the referenced project has been prepared. The original and three copies are enclosed.

If you concur with the facts as stated, please make the usual distribution. If for any reason you do not concur, please return all copies to this Division with your comments.

The parenthetical statement in my November 25 letter that the Operator had claimed 97 feet of drift was an error. The Operator claimed only 92 feet. Any confusion caused by this error is regretted.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers
Contract Administration
and Audit Division

Enclosures

cc: Docket
Director's Reading File
Mr. Chambers
Mrs. Helen R. Miller

EDTalbert/GMcC
December 2, 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY O. M. E. RECEIVED DEC 1 1958		
DATE	INITIALS	CODE
12/1	C	220
		800

November 28, 1958

Memorandum

To: Jay L. Chambers, Contract Administration and Audit Division - OME - Washington

From: Acting Executive Officer, OME - Region V - Knoxville

Subject: DMEA-4930, Idm-E1213-mica. Hector Mining Co. Ed Sparks Property, Yancey County, N.C.

This is in reply to your memorandum of November 25, in regard to work completed under terms of the subject contract.

The Field Examiners visited the project on Sept. 23 and measured a total of 92 feet of drift work which had been completed previous to that date. This amount is verified in their interim report of September 23.

Mr. Laurence verified a total of 92 feet of drifting in his memorandum of November 21 to you requesting a Report of Review.

We have nothing to indicate that the Operator claimed 97 feet of drifting. His narrative stating that work continued until September 26 is incorrect.

V. J. Lynch

V. J. Lynch

NOV 25 1958

Mr. Robert A. Laurence
Executive Officer
OME Field Team, Region V
Room 2-B, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-4930 (Mica)
Hector Mining Company
Contract No. Idm-E1213

Dear Mr. Laurence:

By memorandum dated November 21, 1958, you forwarded the enclosed final (September 1958) MF-104, MF-104A, and narrative of the referenced Operator and requested a Report of Review in lieu of a final audit. The review has been made and a report has been drafted, but release is being withheld pending verification of the last date on which project work was performed.

The termination agreement provides that the Government shall contribute only to the fixed unit costs of work performed prior to September 23, 1958. The Operator's final narrative, however, indicates that 17 feet (of the total 97 feet of drift claimed) were advanced during the period of September 22 to 26. It does not seem likely that 17 feet of drift were completed in one day, that is September 22, 1958. 92

Your confirmation of the total footage of drift completed through September 22, 1958, would be appreciated.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers
Contract Administration
and Audit Division

Enclosures

EDTalbert/GMcC
November 25, 1958

cc: Docket
Director's Reading File
Mr. Chambers
Mrs. Helen Miller

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 24 1958

DATE	INITIALS	CODE
11/24	C	220
		800

November 21, 1958

Memorandum

To : Jay L. Chambers, Contract Administration and Audit Division, OME - Washington

From: Executive Officer, OME - Region V - Knoxville

Subject: Request for Report of Review, DMEA-4930, Idm-E1213, mica. Hector Mining Company, Spruce Pine, N.C. Ed Sparks Property, Yancey County, N. C.

Work on the subject contract has been terminated by mutual agreement effective September 23, 1958.

The following units of work have been acceptably performed as verified by our Field Examiners:

1) Construction of toolhouse, powder magazine and exploder magazine.

2) Shaft site preparation - 173 cu. yds. of material excavated.

3) Shaft sunk to a depth of 57 feet, 50 feet of which was under contract.

4) A total of 92 feet of drifting completed.

An adequate engineering and geological report has been received.

A report of Review is requested. Final MF-104-104A is attached.

Robert A. Laurence

Robert A. Laurence

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

Budget Bureau No. 42-R1036.5

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

RECEIVED 4 DEC 10 1958 D.M.E.

Month of September 1958 Docket No. DMEA 4930 Contract No. DMEA-1213
Operator's Name Hector Mining Company Minerals Mica
Address % Burdette Thomas, Route 1, Spruce Pine, N. C.
Contract Amount, $ 5536.00 Government Participation: 75 % Amount, $ 4152.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing		69.00	69.00			
Crosscutting						
Drifting 72' @32.00	2304.00	640.00	2944.00			
Shafting		2150.00	2150.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		115.00	115.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2304.00	2974.00	5278.00	2304.00	2974.00	5278.00

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

Date 10-21-58 *Payee HECTOR MINING COMPANY

Per Burdette Thomas Title Partner

*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:

$ 1728.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date DEC 8 1958 Vou. No. 67

(See other side)

T 9/23

576.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-1213 in accordance with the terms of the contract.

Signature V. J. Lynch Title MINING ENGINEER U. S. BUREAU OF MINES Date OCT 23 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date OCT 23 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED OCT 10 1958 O.M.E.

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

Month of September 195 8 Docket No. DMEA 4930 Contract No. IdME-1213
Operator's Name Hector Mining Company Minerals Mica
Address % Burdette Thomas, Route 1, Spruce Pine, N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft	2304.00	72	2944.00	92	32.00	100	32.00
Crosscutting Powder Mag				25.00	1	25.00	1	25.00
Raising Toolhouse				75.00	1	75.00	1	75.00
Shafts				2150.00	50	43.00	50	43.00
Winzes Exploder Mag				15.00	1	15.00	1	15.00
Drilling: Cut Bulldozing				69.00	173	69.00	173	0.40
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		2304.00	72	5278.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2304.00		5278.00				

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

Date 10-21-58 Operator HECTOR MINING COMPANY

Per Burdette Thomas Title Partner

Remarks:

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

(Instructions on reverse)

(For Government use only)

V. J. Lynch
MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

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

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

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

GPO 872894

OPERATOR'S MONTHLY PROGRESS REPORT

MONTH OF SEPTEMBER, 1958

DMEA 4930
Idm E 1213

WORK ACCOMPLISHED:

September 1 - 5	Drilled, blasted and mucked - advanced 21 feet
September 8 - 12	Drilled, blasted and mucked - advanced 18 feet
September 15 - 19	Drilled, blasted and mucked - advanced 16 feet
September 22 - 26	Drilled, blasted and mucked - advanced 17 feet

Test holes were drilled at intervals of 15 feet. We got about 350 pounds of non-government quality mica and discontinued further work on advice of field team.

RECEIVED
OCT 23 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

DOCUMENTS
SAN FRANCISCO
PUBLIC LIBRARY

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

RECEIVED
OCT 23 1958

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July & Aug, 1958 Docket No. DMEA 4930 Contract No. Idm E-1213

Operator's Name Hector Mining Co. Minerals Mica

Address c/o Burdette Thomas, Route 1, Spruce Pine, N.C.

Contract Amount, $ 5536.00 Government Participation: 75 % Amount, $ 4152.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing 173 cu.yd @ .040	69.00		69.00			
Crosscutting						
Drifting 20' @ 32.00 ft.	640.00		640.00			
Shafting - 50' @ 43.00 ft.	2150.00		2150.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	115.00		115.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2974.00		2974.00	2974.00	—	2974.00

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

Date 10-21-58 *Payee Hector Mining Co.

Per Burdette Thomas Title Partner

*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:

$ 2230.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date OCT 24 1958 Vou. No. 52
(See other side)

5 1/11

743.50

(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. E1213 in accordance with the terms of the contract.

Signature V. J. Lynch Title MINING ENGINEER U. S. BUREAU OF MINES Date OCT 23 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date OCT 23 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July & Aug. 1958 Docket No. DMEA 4930 Contract No. Idm E 1213

Operator's Name Hector Mining Company Minerals Mica

Address % Burdette Thomas, Route 1, Spruce Pine, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	ft	640.00	20	640.00	20	32.00	100	32.00
Crosscutting Powder Mag	1	25.00	1	25.00	1	25.00	1	25.00
Raising Toolhouse	1	75.00	1	75.00	1	75.00	1	75.00
Shafts	ft	2150.00	50	2150.00	50	43.00	50	43.00
Winzes Exploder Mag	1	15.00	1	15.00	1	15.00	1	15.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching Bulldozing	Cu yd	69.00	173	69.00	173	0.40	173	0.40
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2974.00	246	2974.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2974.00		2974.00				

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

Date 10-21-58 Operator HECTOR MINING COMPANY

Per Burdette Thomas Title Partner

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

(Instructions on reverse)

REMARKS:

(For Government use only)

V. J. Lynch
MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

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

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

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

GPO 872894

OPERATOR'S MONTHLY PROGRESS REPORT
MONTHS OF: July & August, 1958

DMSA 4930
KMS 1213

WORK ACCOMPLISHED:

July 11 - Excavation of shaft site started

July 14 - 18 - Completed excavation of shaft site, and moved in some machinery.

July 21 - 25 - Finished moving in machinery, completed powder magazine and exploder magazine.

July 28 - 31 - Started two-compartment shaft, timbered - advanced 20 feet.

Aug. 1 - Drilled, blasted and mucked, timbered - advanced 3 feet

Aug. 4 - 8 - Drilled, blasted, mucked and timbered - advanced 15 feet

Aug. 11 - 15 - Drilled, blasted, mucked and timbered - advanced 6 feet, and completed tool house.

Aug. 18 - 22 - Completed shaft, drilled, blasted, mucked and timbered - advanced 6 feet.

Aug. 25 - 29 - Started drifting, drilled, blasted and mucked, advanced 20 feet.

Test holes were drilled in each mill to a depth of 6 feet, at intervals of 15 feet. The shaft followed pegmatite all the way down. In sinking shaft we got about 300 pounds of mica up to a size of 4 x 6, and about 100 pounds in the 20 feet of drifting.

RECEIVED
OCT 23 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C. 600

MAY 25 1959

Hector Mining Company
c/o Mr. Burdette Thomas
Route 1
Spruce Pine, North Carolina

Re: Docket No. DMEA-4930-Mica
Hector Mining Company
Ed Sparks Property
Yancey County, North Carolina
Contract No. Idm-81213

Gentlemen:

Reference is made to your terminated exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this project. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the period indicated.

We appreciate your interest and participation in the DMEA Exploration program which has now been succeeded by the Office of Minerals Exploration program.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

JWAlt:gad 5/22/59
Copy to: Dir. R. File
Audits
Field Team, Region V
Mr. Kiilsgaard, USGS
Mr. Irving, USBM
Mr. and Mrs. Ed Sparks

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C. 600

MAY 25 1959

Mr. and Mrs. Ed Sparks
Route 2
Burnsville, North Carolina

Re: Docket No. DMEA-4930-Mica
Hector Mining Company
Ed Sparks Property
Yancey County, North Carolina
Contract No. Lim-51213

Dear Mr. and Mrs. Sparks:

Enclosed is a copy of a self-explanatory letter of today to the Operator under the above-cited contract.

This correspondence relates to the Consent to Lien and Subordination Agreement signed by you on January 27, 1958, under the DMEA program which has now been succeeded by the Office of Minerals Exploration program.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Enclosure

JWAlt:gad 5/22/59
Copy to: Dir. R. File
Region V
Audits
Mr. Kiilsgaard, USGS
Mr. Irving, USBM

Audit's copy

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 24 1958

DATE	INITIALS	CODE

TERMINATION AGREEMENT

It is agreed this 14th day of November, 1958, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government", and Hector Mining Company, hereinafter called the "Operator", parties to that certain Exploration Project Contract Idm-E1213, Docket No. DMEA-4930, dated June 20, 1958, hereinafter called the "Contract", that:

1. Effective September 23, 1958, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account.

4. All rights of the Government respecting certification of discovery or development, percentage royalty and liens to secure payment thereof, reports (including preservation of Operator's records), accounts, audits, and the right to recover any overpayment, are hereby preserved.

5. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in this termination agreement.

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

THE UNITED STATES OF AMERICA

By Frank E. Johnson
ACTING Director, Office of Minerals Exploration

HECTOR MINING COMPANY

By [illegible]

Title Partner

MME Form 14
Sept. 1958

Contract No. Idm-E) 1213
~~[illegible]~~)

Docket No. DMEA) 4930
~~[illegible]~~)

Date of Action 12/22/58

Terminated contract

DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OBLIGATION DOCUMENT

To: Chief, Accounts Section, Finance Branch, Bureau of Mines

From: Director, Division of Operations Control and Statistics

Please enter the amounts shown below on the accounts of the Office of Minerals Exploration.

Name and Address of Contractor: Hector Mining Company
c/o Burdette Thomas
Route I
Spruce Pine, North Carolina

Date of Contract	Region	State	Commodity
June 20, 1958	V	North Carolina	Mica
	Reserve		Obligation
Prior Amount	0		4,152.00
Increase	0		0
Decrease	0		193.50
Revised Amount	0		3,958.50

Remarks:

cc: 800
210

43244

DMEA Form 14

Contract No. Idm-E 1213

Docket No. 4930

DEPARTMENT OF THE INTERIOR

Executed contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Obligation Document

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
June 20, 1958	V	North Carolina	Mica

Name and Address of Operator: Hector Mining Company
c/o Burdette Thomas
Route I
Spruce Pine, North Carolina

	Reserve	Obligation
Prior Amount	4,125.00	0
Increase	27.00	4,152.00
Decrease	4,152.00	0
Revised Amount	0	4,152.00

Remarks:

(Name)
Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Title)

Date delivered to Bureau of Mines, Washington 6/30/58

22845

OFFICIAL FILE COPY
DMEA
RECEIVE JUL 17 1958

Audit copy

MF-200A
(Rev. April 1956)

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT
(Short Form)

DMEA No.	Commodity	Contract No. Idm-E	County	State
4930	Mica	1213	Yancey	North Carolina

20 JUN 1958

It is agreed ....., between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Hector Mining Company, a partnership comprised of Jim Cox, Howard Sparks, Burdette Thomas, and R. C. Thomas

whose mailing address is c/o Mr. Burdette Thomas, Route 1
Spruce Pine, North Carolina
hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) This contract is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall begin the work on or before JUL 20 1958, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 4 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the project work is $5536.00. The Government will contribute 75 percent of the fixed unit cost of the work performed, not exceeding $4,152.00, in accordance with the provisions of Articles 4 and 5.

(c) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's rights of property and possession therein (whether as owner, lessee, or otherwise); and that such right, title, or interest is subject only to the following claims, liens, or encumbrances: Interests of landowners

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached, as follows: Consent to Lien and Subordination Agreement of the landowners. (See Annex I)

(c) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing

in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. Two copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. *Performance of the work.*—(a) Operator's responsibility.—The work shall be performed diligently, efficiently, expertly, in a workmanlike manner, and in accordance with good mining standards and State regulations governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work, as specified in Article 1 (a).

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after certification of discovery or development, to inspect production operations and underground workings. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. *Contribution by the Government.*—The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5 (b); but all payments by the Government are provisional only, subject to audit, and until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been rendered, the Government may withhold such sums as it sees fit but not in excess of 10 percent of the estimated total cost of the work. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) Operator's records.—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered a sufficient final report (see Article 5), may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to retain his interest in the land), shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling, assaying, or transportation performed or paid by the Operator or by anyone other than the buyer are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent) after the lapse of six months from the date the ore was extracted from the ground remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

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

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this Article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 7. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and liens to secure the payment thereof, and such rights shall be fully preserved.

ARTICLE 8. *Notices to be given by the Government* may be delivered to the Operator or may be sent by registered mail addressed to the Operator at the mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 10. *Changes and added provisions.*—

.....

.....

.....

.....

.....

.....

Executed in sextuplicate the day and year first above written.

HECTOR MINING COMPANY

By Jim Cox (Partner)

By Howard Parker (Partner)

By Burdette Thomas (Partner)

By R. C. Thomas (Partner)

THE UNITED STATES OF AMERICA

By C. Mattes Dorr

Administrator, Defense Minerals Exploration Administration

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

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE: 1956—O-383069

EXPLORATION PROJECT CONTRACT
HECTOR MINING COMPANY
DOCKET NO. DMEA-4930

ANNEX I

The land referred to in Article 2 of the contract form is known as The Cox Mine on the Ed Sparks Property. It is situated in Crabtree Township, Yancey County, North Carolina, on the north slope above the North Toe River, 0.77 miles N. 70 degrees W. from Bench Mark 2402 Boonford, Yancey County.

The land consists of a tract described by metes and bounds as follows:

Beginning at the center, marked Cox Mine on the attached Figure I, which is the site of the proposed shaft; thence north 300 feet to a stake; thence west 300 feet to a stake; thence south 600 feet to a stake; thence east 600 feet to a stake; thence north 600 feet to a stake; thence west 300 feet to a stake enclosing an area 600 feet by 600 feet square, or not less than 8.26 acres.

The Operator represents and undertakes that it is in possession of the land pursuant to a lease dated January 27, 1958, from Ed Sparks and wife, Mary, for a period of 5 years, renewable.

MF-205
(Combines and supercedes MF-[illegible] and MF-203)
June 1956

For Government's Use Only
EXPLO[illegible] PROJECT CONTRACT
Operator _____
Docket No. DMEA- _____
Contract No. Idm-E _____
Contract Date 20 JUN 1958

RECEIVED JAN 30 1958 DMEA

CONSENT TO LIEN and SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Yancy, State of North Carolina, described as follows: 2/ Located in Crabtree Township, Yancy County BEGINNING on an iron stake ~~stake~~ ~~[illegible]~~ South east corner of Asheville Lea Company property; thence North 75 degrees West 200' to a stake; thence due West 100' to a stake; thence North 15 degrees West 100' to a stake; thence North 47 degrees West 100' to a stake; thence North 37 degrees West 100' to a stake; thence North 70 degrees West 100' to a stake; thence North 37 degrees West 100' to a stake; thence North 62 degrees West 250' to the shaft site; thence due North 300' to a stake; thence due West 300' to a stake; thence due South 600' to a stake; thence due East 600' to a stake; thence due North 600' to a stake; thence due West 300' to a stake.

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

None

1/ Mining or production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in Book _____, Page _____, official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: None (State "None" or "See Annex No.____")

Dated this 27th day of January, 1950.

Ed Sparks	[Seal]	Route 2, Burnsville, N. C.	[Address]
Mary Sparks	[Seal]	Route 2, Burnsville, N. C.	[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]

I, _____ certify that I am the _____ (Secretary, etc.) of the corporation named herein; that _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

EXPLORATION PROJECT CONTRACT
[illegible] MINING COMPANY
DOCKET NO. [illegible]-1930

EXHIBIT A

General Provisions:

The objective of the project work is to explore at depth a strategic mica-bearing pegmatite exposed at the surface.

The shaft and drifts (or crosscuts) shall be timbered as necessary, and shall have cross-sectional dimensions of not less than 5 feet by 7 feet in the clear of timber. The shaft shall have two compartments.

The shaft and drifts (or crosscuts) shall be sunk and/or driven along the pegmatite, or as close thereto as is practicable.

The location, inclination, direction, and extent of all work are subject to the approval of the Government.

Description of the Work:

1. Construct:

(a) A toolhouse, minimum dimensions 7 feet by 8 feet by 10 feet.
(b) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.
(c) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse may be unfloored; shall be made from unfinished lumber, with protective roof covering; and shall be equipped with lock and key.

The powder and exploder magazines shall be boxed on all sides; shall be made from ¾-inch hardwood or ⅞-inch softwood lumber; and shall be braced at the corners. No metal shall be exposed; and the doors shall be equipped with the equivalent of a 5-tumbler dangerous lock.

2. (a) Prepare a shaft site on the exposed pegmatite shown on the attached map, Figure I at a location approved by the Government. The Government will contribute to the cost of excavating not more than 1⅓ cubic yards of material.

(b) At the shaft site, (item (a)) sink a shaft to a depth of not more than 50 feet.

[illegible] PROJECT [illegible]
[illegible] CONTRACT
CONTRACT NO. [illegible]

[illegible]

General Provisions:

The objectives of the project are [illegible] and [illegible] electronic [illegible] expenses of the audit [illegible].

The [illegible] and facilities (to [illegible]) shall be [illegible] necessary, and shall [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible].

The [illegible] and facilities (to [illegible]) shall be [illegible] [illegible] along the [illegible], or to [illegible] [illegible] [illegible] [illegible].

The [illegible], [illegible], [illegible], [illegible], and [illegible] of all work are [illegible] by the [illegible] of the Government.

Description of the Work:

1. [illegible]

(a) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

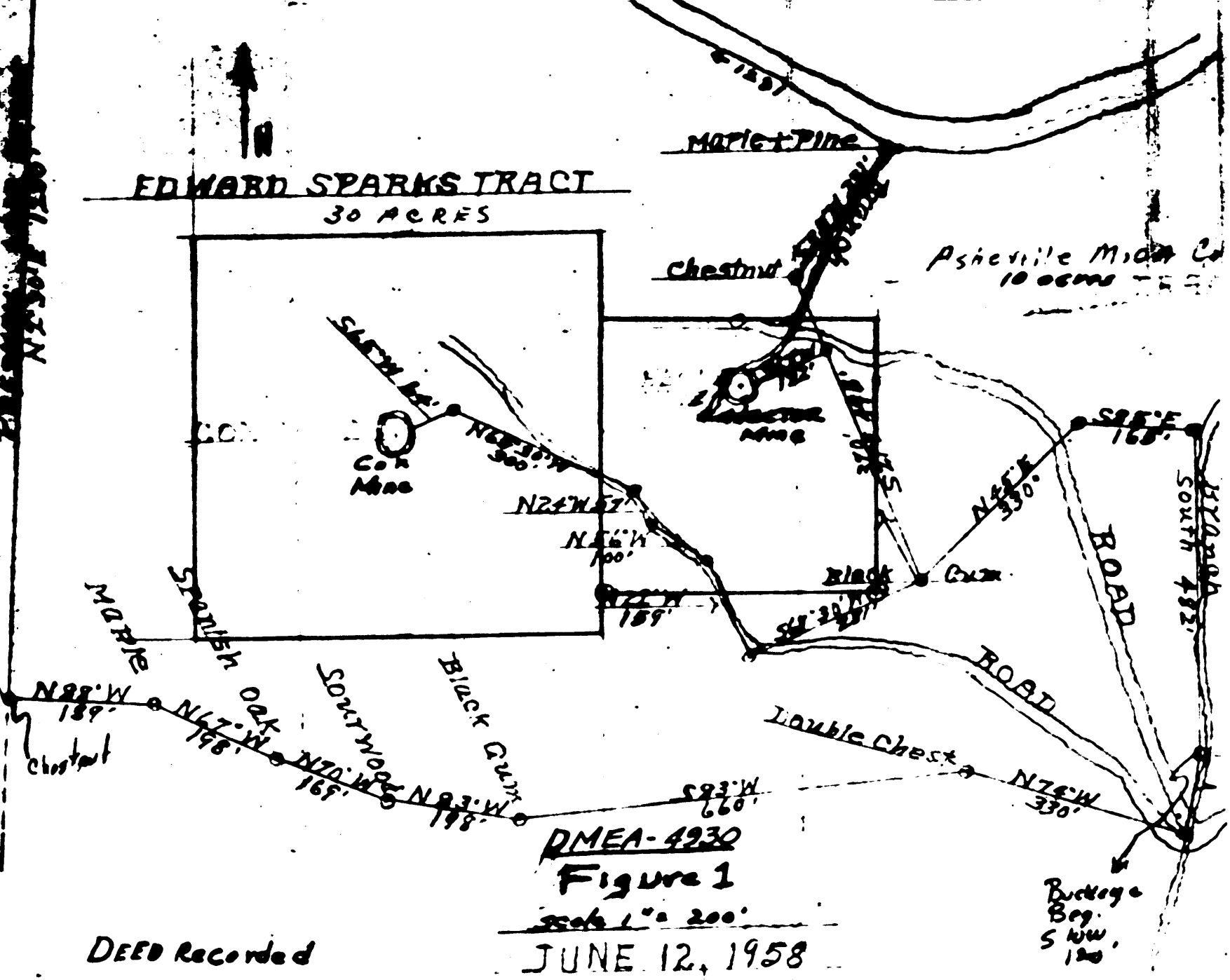
3. Within 5 feet of the shaft bottom, drift (or crosscut) easterly and westerly, aggregating not more than 100 feet.

ESTIMATED COST OF THE PROJECT

Fixed Unit Cost

173 cu. yds. shaft site excavation @ $0.40/cu. yd.			$ 69.00
Construct:	Toolhouse 1/	$75.00	
	Powder magazine 1/	25.00	
	Exploder magazine 1/	15.00	115.00
50 ft. two-compartment shaft @ $43.00/ft.			2,150.00
100 ft. drifting and/or crosscutting @ $32.00/ft.			3,200.00
Estimated Total Cost of the Project (rounded to)			$5,536.00
Government Participation @ 75%			$4,152.00

1/ The completed item constitutes the unit.


EDWARD SPARKS TRACT
30 ACRES
Marlet Pine
Chestnut
Asheville Mica Co
10 acres
Coal Mine
Lakeside Mine
N24°W 57'
N16°W 100'
N88°W 189'
Black Gum
Double Chest
N76°W 330'
S88°E 165'
N45°E 330'
South 492'
ROAD
ROAD
Maple
Spanish Oak
Sourwood
Black Gum
N88°W 189'
Chestnut
N47°W 198'
N70°W 165'
N83°W 198'
S83°W 660'
Buckeye Bog
S NW 120'
DMEA-4930
Figure 1
Scale 1" = 200'
DEED Recorded
BK 450 Pg 528
JUNE 12, 1958
BY S.G. HALL

DMEA Form 14

Contract No. Idm-E 1213

Docket No. 4930

Approved contract

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Obligation Document

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
June 20, 1958	V	North Carolina	Mica

Name and Address of Operator:

Hector Mining Company
c/o Burdette Thomas
Route I
Spruce Pine, North Carolina

	Reserve	Obligation
Prior Amount	0	0
Increase	4,125.00	0
Decrease	0	0
Revised Amount	4,125.00	0

Remarks:

(Name)
Allen S. Dakan, Chief Operations Control and Statistics Division

(Title)

Date delivered to Bureau of Mines, Washington 6/20/58

22845