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

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 22 1957

DATE	INITIALS	CODE
5/22	JAW	220
		600
		225
May 20, 1957		

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4430 (mica)

Applicant: Morris Putnam Mining Co.

Name and Location of Property: Old Morris Putnam Mine
Mitchell County, North Carolina

Date of Field Team Report: 4/12/57

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 4/22/57

Field Team Recommendation: Recommend denial of application.

Comments:

1. The applicant has submitted a proposal to exploit a good mica-bearing pegmatite involving $4,000 to $5,000 worth of dead work including sinking a shaft close to and below a river and tunneling under a railroad right of way.

2. The only method of disposing of waste across the railroad tracks permitted by the Railroad Company is impractical mining.

Recommendation:

I concur with the recommendation of the field team that unless the work can be conducted as outlined in the previous report, dated October 2, 1956, the application be denied.

Donald R Irving
Donald R. Irving

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
Apr	Houk	600
4/26	Selfridge	130
"	Johnson	110
		~~100~~
4/29	JWS	220
		225

600

APR 26 1957

Mr. M. E. Burleson
Morris-Putman Mining Company
P. O. Box 126
Spruce Pine, North Carolina

Re: Docket No. DMEA-4430-Mica
Morris-Putman Mining Company
Old Morris Putman Mine
Mitchell County, North Carolina

Williams
Lamb

Dear Mr. Burleson:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

Frank E. Johnson (for)

ACTING Administrator

WCAnderson:gad 4/24/57
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

April 24, 1957

To: Mr. C. O. Mittendorf, Administrator

From: L. G. Houk, Chief, Nonmetallic Minerals Division

Subject: Evaluation of application and field examination report.
Docket No. DMEA-4430-Mica
Morris-Putman Mining Caompany
Old Morris Putman Mine
Mitchell County, North Carolina

Denial of application is recommended.

Mica: Flat, fairly free from mineral stain and cracking, but occasionally intergrown with coarse biotite.

Pegmatite: At least 8 to 10 feet thick, exposed over a distance of 145 feet. At 45 feet southwest from northeast extremity, the pegmatite divides into two dike-like structures. Hanging wall structure extends from 100 to 250 feet southwest, footwall structure exposed for about 45 feet. Concordant in a coarse biotite-muscovite gneiss, and composed of plagioclase, considerable perthite, quartz and small books of ruby muscovite.

Old workings: 40 feet of vertical shaft and 85 feet of drift, and a sixty degree incline.

Past production: $40,000 worth during World War II, and $7,734.90 worth sold to Government, 1952 to 1956.

Method of exploring: Original proposal of applicant and supported by the Field Team, consisted of sinking 40 feet of shaft from present rehabilitated shaft and 80 feet of drifts, for an estimated total cost of $5,289.00. Since the shaft is located only about 24 feet from the center line of a railroad right of way, the Railroad Company would not permit mining work over or under the tracks. The applicant then proposed a new shaft about 100 feet northeast of the old shaft and across the tracks. In order to get 40 feet below railroad bed, it would require 30 to 40 feet of shaft and 50 to 60 feet of crosscut to reach the pegmatite, representing $4,000 to $5,000 worth of dead work. Also, the collar of new shaft is only 15 to 20 feet away from a river.

Recommendations: The Field Team recommends denial of alternate proposal for the following reasons:

1. Presents a water problem, since the work would be below level of river.
2. $4,000 to $5,000 worth of dead work.

3. The improbability that the Railroad Company would permit mining work 40 feet below their track bed.

The Nonmetallic Minerals Division concurs for the same reasons, and in addition would be reluctant to approve because of the ever present danger of caving the railroad bed, for which the Government possibly could be held liable. The Commodity Members of the Geological Survey and the Bureau of Mines also concur.

W. C. Anderson
Nonmetallic Metals Division

W. C. Anderson

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED APR 24 1957

DATE	INITIALS	CODE
4/24	JWD	220
		600

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

April 23, 1957
Re: DMEA Docket 4430 (Mica)
Morris-Putnam Mining Co.
Old Morris Putnam mine
Mitchell County, North Carolina

Memorandum

To: ~~U. G. Houk,~~ Defense Minerals Exploration Administration

From: T. H. Kiilsgaard, U. S. Geological Survey

Subject: Review of Field Team memo of April 12, 1957

The Field Team has pointed out various reasons why it would be impractical for the Government to participate in the applicant's proposal to sink a shaft near the river and to crosscut under the railroad track to the pegmatite. They conclude that unless the applicant can do the work as outlined in the previous Field Team report, the application should be denied.

From previous correspondence, it is apparent that the applicant cannot do the work previously recommended by the Field Team unless he transports his muck across the railroad for dumping. Further, the railroad is opposed to having muck moved across the tracks. In the light of this situation, I recommend that the application be denied without prejudice. In the letter of denial, the applicant might be advised that while we think his property warrants exploration we do not consider his revised exploration program as being practical and that as he cannot get permission to move muck across the railroad, we have no other recourse than to deny the application.

T. H. Kiilsgaard

T. H. Kiilsgaard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
DMEA
RECEIVED APR 15 1957

DATE	INITIALS	CODE
4/15	C	220
		130
4/19	C	220
4/24	WCA	600

April 12, 1957

Memorandum

To: Operating Committee, DMEA - Washington, ~~D. C.~~

From: DMEA Field Team, Region V - Knoxville, Tennessee

Subject: Application Docket No. 4430 (Mica), Morris-Putnam Mining Co.
Old Morris Putnam Mine, Mitchell County, N. C.

Reference is made to your letter of April 10 requesting recommendations on a new proposal submitted by the subject Applicant.

The Field Team has studied the new proposal and discussed it with the Field Examiners. We are all familiar with property and are of the opinion that another field examination is unnecessary.

It is our opinion that the new proposal is not feasible for the following reasons:

(a) Part of the proposed shaft and all of the crosscut would be below the level of the river and the shaft would not be more than 15 to 20 feet away from the river. A water problem could well be expected.

(b) The proposal would consist of from $4000 to $5000 worth of dead work. This includes 30 to 40 feet of shaft and 50 to 60 feet of crosscut.

(c) It is very doubtful that the Railroad Company would not object to this work being done below the railroad tracks.

Therefore, if the Applicant cannot carry on the exploration as outlined in the Field Examination Report of October 2, 1956, we recommend denial of the application.

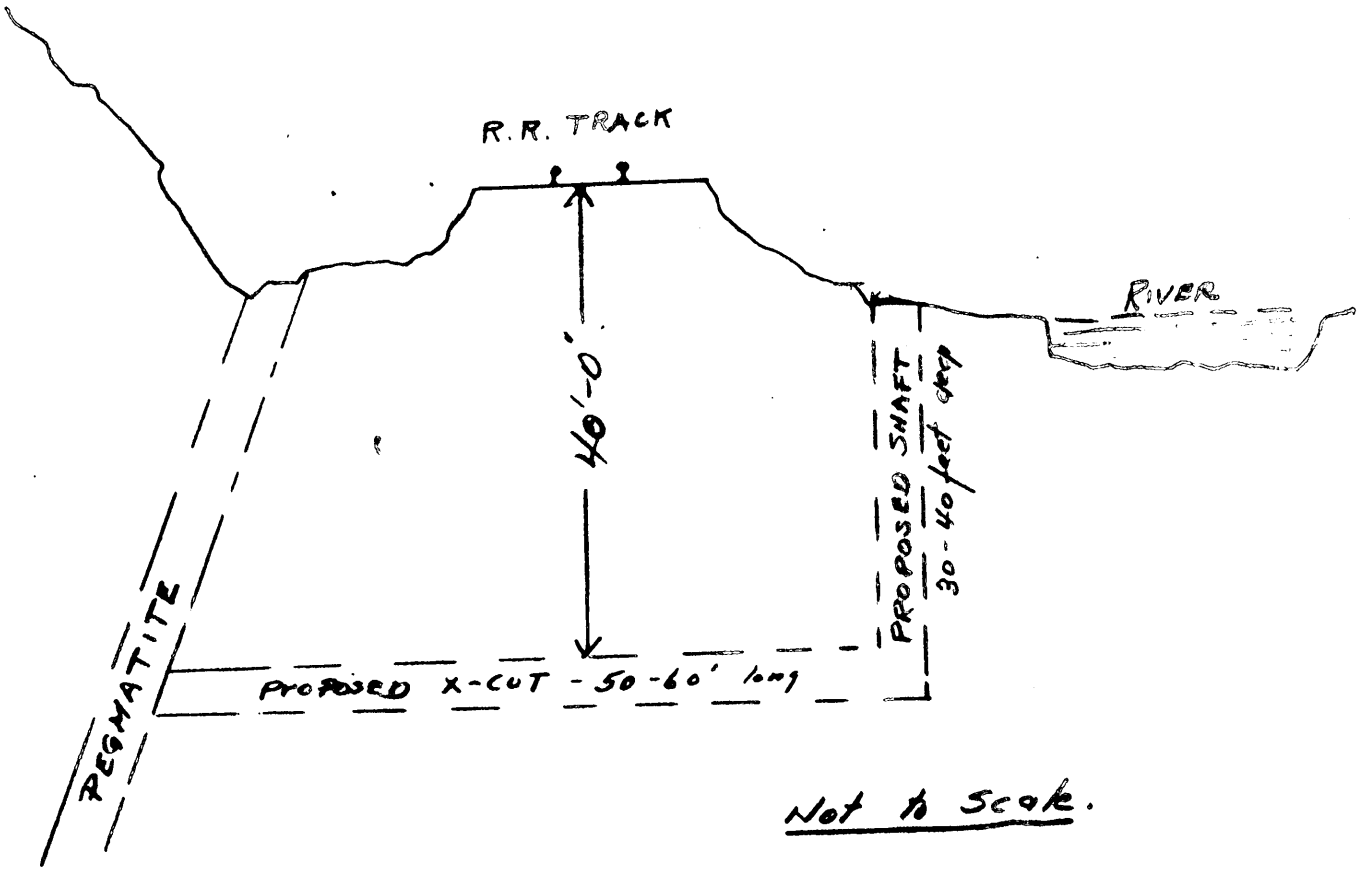
Reviewed by
DMEA OPERATING COMMITTEE
4-19-57
(date)

An alternative would be to request the Applicant to submit an estimate of the cost of building an underpass similar to a cattle underpass and bearing the approval of the Railroad Company.

There is enclosed a sketch showing the work to be done under the new proposal.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA
Region V

V. J. Lynch
V. J. Lynch, Member
Bureau of Mines



Not to Scale.

New proposal by Morris Putnam Co.

DMEA - 4430.

OFFICIAL FILE COPY
D M E A
RECEIVED APR 15 1957

DATE	INITIALS	CODE

DMEA Form 7
(12-56)

4/9 Anderson 600

OFFICIAL FILE COPY

Date	Surname	Code
4/9	Houk	600
4/10	Selfridge	130
"	Johnson	110
"	Matteucci	100
4/11	C	220
		600

APR 10 1957 600

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-4430-Mica
Morris-Putman Mining Company
Old Morris Putman Mine Tract
Mitchell County, North Carolina

Dear Mr. Laurence:

Reference is made to the subject application and recommendations for a contract subject to the applicant providing certain information.

You will find enclosed copies of letters dated March 27 and April 4, 1957, from the Clinchfield Railroad Company and the Morris-Putman Mining Company, respectively, which negates the program recommended by the Field Team. We hesitate to ask the applicant to negotiate under the track crossing until the Field Team have an opportunity to appraise the new proposal and arrange for a field examination if you deem it necessary. In this connection it will be necessary to supply this office with a profile cross section showing the surface contours, length and distance below the track of proposed crosscut and drift, projected position of the pegmatite, and location of the property line with respect to the portal of the adit.

If a project is recommended it will be necessary that the applicant supply us with a copy of the instrument which they negotiate with the railroad. This instrument should contain:

1. The width of the railroad right-of-way.
2. The status of the railroad mineral rights adjacent to and under their right-of-way.
3. The effect of an under-the-track crossing on the safety of the road bed.
4. Permission for the under-the-track crossing of the right-of-way for purposes of an exploration contract.

We will continue the processing when the information and the recommendations are received.

LGHouk:gad 4/9/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Approved:

Frank D. Lamb (DLB)
Member, Bureau of Mines

N. E. Nelson (DLB)
Member, Geological Survey

Enclosures 4

Sincerely yours,

George C. Selfridge (DLB)
Chairman, Operating Committee

8623

MORRIS-PUTMAN MINING COMPANY
HARRIS MINING COMPANY
P. O. BOX 126
SPRUCE PINE, N. C.

OFFICIAL FILE COPY
DMEA
RECEIVED APR 5 1957

DATE	INITIALS	CODE
4/5	C	220
4/5	H	600

April 4,1957

U. S. Department Of Interior,
Defense Minerals Exploration Admn.,
Washington 25, D. C.

Re; Docket No. DMEA-4430-Mica
Morris-Putman Mining Co.
Old Morris Putman Mine
Mitchell County, N. C.

Gentlemen:

After considerable effort on our part and special trips to Erwin, Tenn. to see the officials of the Clinchfield Railroad and delay because of the Chief Engineer and General Manager being away on extended trips, we have finally received the enclosed letter which unexpectedly refuses permission to cross their tracks with the muck from the proposed mine operation. A previous old agreement permitting the crossing of their tracks had led us to believe we would finally be able to secure another such agreement.

For your information, we are enclosing their letter so you may see exactly what they say in regard crossing their tracks and what they offer to do.

Now that we are unable to cross their tracks we would like you to consider a proposition to go under their roadbed. We find that we can legally run a tunnel under their roadbed as long as we stay forty feet under their track level. This can be done in this instance by dropping a shaft about ten to fifteen feet at the foot of their fill and then drifting fifty to sixty feet to the vein of mica on the opposite side of the track. The vein shows in the upperside of the railroads ditchline and is one of the best mica leads in Mitchell County.

The most economical place to carry out the above proposition would be approximately 100 to 150 feet north of the present proposed location for crossing as the fill is much narrower there and we could reach the vein much quicker.

We will appreciate any consideration you can give us on this forced change of plans. We feel sure that you will find proof through your fieldmen that this is one of the best mica leads in our county and for that reason we feel positive that we will be able to pay the loan back over a period of operation. Also, is is necessary that we have financial assistance to develppe and explore this lead of mica.

This letter would have gone to you last Saturday, the day the

railroads letter was received, but the writer's partner was coming up from Cartersville, Ga. for a meeting at the U. S. Depot here yesterday so I delayed writing until we could discuss the matter personally and see that we were in complete agreement as to the best solution to our problem of getting our muck from the opposite side of the railroads tracks.

We will appreciate hearing from you as soon as convenient.

Very truly yours,

Morris-Putman Mining Co.

By M. E. Burleson

M. E. Burleson

HARRIS MINING COMPANY
P. O. BOX 126
SPRUCE PINE, N. C.

CLINCHFIELD RAILROAD COMPANY

ENGINEERING DEPARTMENT

J. M. SALMON, JR., Chief Engineer
M. L. MANNION, Engineer
Signals and Communications
J. A. GOFORTH, Maintenance
Engineer

ERWIN, TENN. March 27, 1957

File No. 1373

OFFICIAL FILE COPY
DMEA
RECEIVED APR 5 1957

DATE	INITIALS	CODE
4/5		

Mr. M. E. Burleson
Morris-Putman Mining Company
P. O. Box 126
Spruce Pine, N. C.

Further in connection with your visit and your letter of March 22 requesting crossing of our main track for waste removal from your proposed Mine 853.5 feet north of M.P. 171.

We have investigated this location and find that physically and from a safe operating standpoint that this request presents the same problems as your request in 1953. You will recall that this request resulted in agreement for your construction of a tunnel at M.P. 170.9, which tunnel has never been constructed.

We, therefore, regretfully decline your present request for a surface crossing but are willing to negotiate an under-track crossing for waste material and opening at or near this proposed location.

Yours very truly,

J M Salmon Jr.

Chief Engineer

MOUNTAIN MINERALS

SPRUCE PINE, N. C.

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 12 1957

DATE	INITIALS	CODE
3/12	C	220
3/12	WZA	600

Mar. 9,1957

U. S. Department Of Interior
Defnese Minerals Exploration Admn.,
Washington 25, D. C.

Re; Docket No. DMEA--4430-Mica
Morris-Putman Mining Co.
Old Morris Putman Mine
Mitchell County, N. C.

Gentlemen:

This is a follow up to our letter of the 2nd to advise that it is not possible to secure the added information from the CC&O Railroad until week after next as their chief engineer is on a trip and he has the final say.

We took it up with the assistant engineer early in the week but a definite decision cannot be made until Mr. Salmon, the chief engineer,gets back.

We have a promise of settlement of the matter just as soon as he is in his office again and will let you know at once the results.

Regretting we were unable to clear this matter this weekx as expected.

We felt it advisable to let you know since we had informed you we expected to clear the matter this week.

Very truly yours,

Morris-Putman Mining Co.

By M. E. Burleson
M. E. Burleson

MORRIS-PUTMAN MINING CO.

~~MOUNTAIN MINERALS~~

SPRUCE PINE, N. C.

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 5 1957

DATE	INITIALS	CODE
3/5	C	220
3/6	[illegible]	600

Mar. 2, 1957

U. S. Department Of Interior
Defense Minerals Exploration Adm.,
Washington 25, D. C.

Re: Docket No. DMEA-4430-Mica
Morris-Putman Mining Co.
Old Morris Putman Mine
Mitchell County, N. C

Gentlemen:

This is in answer to your letter of 27th which reached us yesterday.

We regret to be so long in clearing this matter but we did not get to discuss the changes with your field men until last week. After consideration, they have decided the original plan is more suitable so we are in the process of securing the letter you wish from the railroad. We hope we can get this letter to you next week as we are very anxious to carry this project through and only unusual circumstances have prevented our clearing this matter much earlier.

Thanking you for your consideration and assuring you we will try to complete your requirements as soon as possible.

Very truly yours,

Morris-Putman Mining Co.

By M. E. Burleson
M. E. Burleson

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/26	Anderson	600
2/26	Houk	600
2/27	Selfridge	120
"	Johnson	110
"	Mittendorf	100
2/27	C	220
		600

600

FEB 27 1957

Mr. M. E. Burleson
Morris-Putman Mining Company
P. O. Box 126
Spruce Pine, North Carolina

Re: Docket No. DMEA-4430-Mica
Morris-Putman Mining Company
Old Morris Putman Mine
Mitchell County, North Carolina

Dear Mr. Burleson:

Reference is made to our letters of December 14, 1956, January 17 and 25, 1957, requesting additional information concerning the subject application for exploration assistance.

We wish to cooperate with you fully in allowing ample time to supply the requested information; however, if we do not receive the requested information within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

WCAnderson:gad 2/26/57
Copy to: Admr. R. File
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1-24	Anderson	600
1-24	Houk	600
"	Mottenday	100
1-25	C	220
		600

600

JAN 25 1957

Mr. M. E. Burleson
Morris-Putman Mining Company
P. O. Box 126
Spruce Pine, North Carolina

Re: Docket No. DMEA-4430-Mica
Morris-Putman Mining Company
Old Morris Putman Mine
Mitchell County, North Carolina

Dear Mr. Burleson:

Reference is made to your letter of January 19, 1957, explaining the unavoidable delay in replying to our letter of December 14, 1956.

Your application will be held in abeyance as you have requested. We will be pleased to receive an alternate proposal after you have discussed the matter with the Field Team.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

WCAnderson:gad 1/24/57
Copy to: Admr. R. File
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

MOUNTAIN MINERALS

SPRUCE PINE, N. C.

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 22 1957

DATE	INITIALS	CODE
1-22	C	220
1/22	LGH	600
1/22	WCA	600

A

Jan. 19, 1957

United States Department
Of The Interior
Defense Minerals Exploration
Administration
Washington 25, D. C.

Re: Docket No. DMEA-4430-Mica
Morris-Putman Mining Co.
Old Morris Putman Mine Tract
Mitchell County, North Carolina

Gentlemen:

We wish to apologize for delay in answering your previous letter but it was unavoidable. The writer left here on the 8th of Oct. on a trip west and while gone ended up in a hospital in Excelsior Springs, Mo. for an operation and treatments so did not get back here until Dec. 6th. I was unable then to contact my partner as he had gone to Florida for a stay because of a bad sinus trouble. Only this week he came back and we have talked over our situation at the Morris-Putman.

We will appreciate your holding our application in abeyance for thirty days more as we wish to contact your field men when they are in Spruce Pine again as we think we have a plan to work the mine that will be more acceptable to your department.

Thanking you for your cooperation.

Very truly yours,

Morris-Putman Mining Co.

By M. E. Burleson
M. E. Burleson

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/16	Anderson	600
1/16	Houk	600
	F. E. Johnson	110
1/17	Mattenday	100
1-17	CWD	220
		~~600~~

600

JAN 17 1957

Morris-Putman Mining Company
P. O. Box 126
Spruce Pine, North Carolina

Re: Docket No. DMEA-4430-Mica
Morris-Putman Mining Company
Old Morris Putman Mine Tract
Mitchell County, North Carolina

Gentlemen:

Reference is made to our letter of December 14, 1956, requesting additional information concerning the subject application. To date we have not received this data, which includes written evidence from the railroad company clarifying the relationship of your exploration project to the railroad operations.

We are unable to continue with the processing of your application until you have fully complied with our request.

Sincerely yours,

R. O. Mittendorf (fw)

Administrator

WCAnderson:gad 1/16/57
Copy to: Admr. R. File
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.G.

8623

600

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

140

Potts
Dwyer
Anderson
Houk
J C Johnson

DEC 14 1956

Morris-Putman Mining Company
P. O. Box 126
Spruce Pine, North Carolina

Re: Docket No. DMEA-4430 (Mica)
Morris-Putman Mining Company
Old Morris Putman Mine Tract
Mitchell County, North Carolina

Gentlemen:

Reference is made to your application for Government assistance to explore the subject property.

When the DMEA field engineers examined your property, you were requested to supply written evidence clarifying the relationship of your exploration project to the railroad operations, that is, the right to cross the track to dump materials, and the right to mine near and under the railroad's right of way. We have not received this evidence, and we must have it if we are to continue processing your application. One way to furnish it would be in the form of a letter from the railroad stating:

1. Width of their right of way.

2. The status of their mineral rights adjacent to and under their right of way.

3. The effect of an exploration project on the safety of the right-of-way roadbed.

4. Permission to cross right of way for purposes of exploration project.

If you can furnish this evidence or part of it in some other satisfactory form, it will also be acceptable.

Upon receipt of this evidence we shall continue processing your application.

This letter also acknowledges receipt of a satisfactory map of the exploration area.

Sincerely yours

C. O. Mittendorf

Administrator

WCAnderson/HCRubin:emd
Copy to: DMEA Docket
Adm. R. File
Field Team, Reg. V (2)
Mr. Kiilsgaard, USGS
Mr. Dietrich, USBM L. S. Houk

R. P. Dwyer
H. C. Rubin

12-13-56 - 3:20 P.M.

Talked to Rubin. If we get clarification on points requested in letter, an OCL will not be necessary

W. Anderson

DMEA - 4430 - Nonmetallic Minerals Div.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

HCR

REFERENCE SLIP

DATE 12-10-56

REFERRED TO:
1. Docket & Records Section
2. Solicitor's Office
3. Mr. Dwyer Rm 7341
4. L.G. Hook

FOR:

Action	Recommendation
Approval	Record of
Comment	Referring
Conference	Reply for signature of
Consideration	Rewriting
Filing	Signature
Instructions	Suggestions
Investigation	Your information
Initials	
Mailing	
Previous correspondence	

INTERIOR DEPT.
DEC 10 1956
SOLICITOR

RECEIVED
DEC 10 1956
MINERAL RESOURCES

REMARKS: Pursuant to agreement between Mr. Rubin and Mr. Anderson the problem involved in this docket is hereby transmitted to your office for study and solution. An attached draft of letter outlines the problem involved.

Check (X) before the items needing attention.

L. G. Hook Chief
Initials of sender.

GPO 16—63815-1

Per. W. C. Anderson

Write 60 day letter to applicant

Have applicant get a copy from R.R. Commission showing right to drill from property through (1) Thirteen (2) [illegible] (3) [illegible] (4) [illegible]

(This letter will serve as a 60 day letter.)

Re-write

Morris-Putnam Mining Company
Mr. M. E. Burleson, Manager
P.O. Box 126
Spruce Pine, North Carolina

RECEIVED
DEC 10 1956
ASSOC. SOLICITOR
MINERAL RESOURCES

Re: Docket No. OMEA-4430-mica
Morris-Putnam Mining Company
Old Morris-Putnam Mine Tract
Mitchell County, North Carolina

Gentlemen:

Reference is made to your application for Government assistance to explore the subject property.

When the OMEA field engineers examined your property, you were requested to supply written evidence of your relationship with the tract, your ownership, that is the right to cross the tract to dump materials, and the right to mine near and under the railroad's right of way. ~~to clarify your relationship with the tract, your ownership, that is the right to cross the tract to dump materials, and the right to mine near and under the railroad's right of way. You have submitted a map which, although showing the limits and bounds of your property, does not give us the information that will permit the operation on the railroad right of way.~~

We have not received the evidence, and we must have it if we are to continue processing your application. One way to furnish it would be in the form of a letter from the railroad ~~company stating it is okay to this office, advising on the following:~~

1. Width of their right of way
2. The status of their mineral rights adjacent to and under their right of way.
3. ~~The status of the property~~ The [illegible] on the property of the right of way holders
4. Permission to cross right of way for purpose of exploration project.

~~Giving the applicant permission to mine on the right of way and such use of the surface as may be required~~

Prompt compliance with the above request will enable us to proceed with the processing of your application.

If you can furnish this evidence or part of it in some other satisfactory form it will also be acceptable.

Upon receipt of this evidence we shall continue processing your application.

This letter also will always receipt of a satisfactory map of the plantation area.

~~to carry on a mining operation. The Railroad Company claimed~~

Morris - Putnam Mining Company
Mr. M. E. Burleson, Manager
P.O. Box 126
Spruce Pine, North Carolina

Re: Docket No. OMRA-4430-Mica
Morris-Putnam Mining Company
Old Morris Putnam Mine Tract
Mitchell County, North Carolina

Gentlemen:

Reference is made to your application for Government assistance to explore the subject property.

When your property was examined on October 2, 1956 by our examiner engineers, Messrs. Milt Burleson and Herman Johnson of your company were present and were requested (that, since it is not known what rights specifically your company has to mine on or under the railroad right of way,) to supply evidence to clarify its relationship with the railroad. It will be appreciated if you will arrange to have the railroad company ~~to~~ submit in writing a verification of your statement of the verbal permission by the railroad company and its attitude regarding the safety of the proposed exploration work.

Prompt compliance with the above request will enable us to proceed with the processing of your application.

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

A

November 21, 1956

RECEIVED NOV 23 1956 D.M.E.A.

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4430 (mica)

Applicant: Morris Putman Mining Co.

Name and Location of Property: Old Morris Putman Mine, Mitchell County, North Carolina

Date of Field Team Report: 10/29/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 11/6/56

Field Team Recommendation: Recommend approval of a unit-cost exploration program.

Comments:

1. This prospect is reported to have had a World War II mica production of $40,000.

2. Government depot records indicate that $7,734.95 worth of mica was sold from the subject property between August 5, 1952 and June 25, 1956.

3. It seems possible that the proposed exploration work on this proven prospect could be considered development work.

Recommendation:

I concur with the recommendation of the field team provided the applicant's relationship with the railroad is clarified in writing and if the consensus of opinion shows the proposed work to be exploration rather than development.

W. F. Dietrich

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

A

IN REPLY REFER TO:

RECEIVED
NOV 7 1956
D.M.E.A.

November 5, 1956

Re: DMEA 4430
Morris Putnam Mining Co. (Partnership)
Old Morris Putnam Mine
Mitchell County, North Carolina
$5,289.00 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report

The applicant requested assistance in exploration of a pegmatite on which considerable work has been done and from which, as reported, mica has been obtained. The main part of the pegmatite is under a railway right-of-way, but a split from it is far enough from the track to permit exploration and mining.

The proposed work will continue the exploration of the split by deepening an incline shaft and drifting from it.

The production history of the mine and the appearance of the pegmatite cause the examiners and Field Team to recommend the proposed exploration. I concur with the recommendation.

N. E. Nelson

N. E. Nelson.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 11/1/56

REFERRED TO:

4430

1. ~~Operating Committee~~
2. ~~Miss Curtin~~
3. 600
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: ~~Field Exam. Report~~
~~For Agenda 11/5/56~~
[illegible]

Check (X) before the items needing attention.

George C. Selfridge

Initials of sender.

GPO 16—63815-1

NOV 7 1 24 PM '56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 1510 POST OFFICE BLDG
KNOXVILLE 2, TENN.

A

RECEIVED NOV 1 1956 D.M.E.A.

October 29, 1956

Memorandum

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

From: Field Team, DMEA, Region V, Knoxville, Tennessee

Subject: Field Examination Report, DMEA-4430 (Mica)
Morris Putnam Mining Co., Spruce Pine, North Carolina
Old Morris Putnam Mine, Mitchell County, North Carolina

Enclosed are the original and three copies of the subject examination report and nine extra copies of the sketch map.

Considering the reported history of this mine and the favorable appearance of the pegmatite in the available exposures, exploration of the upper pegmatite appears to be justifiable. It is also suggested that one or two cross-cutting drill holes from the bottom of the proposed inclined shaft would give useful information on the nature of the lower pegmatite at or near the southwest heading of the reported 35-foot-level drift.

The applicants told the field examiners that they have verbal permission of the railroad company to cross the tracks and dump waste on the other side. They also report that the railroad company does not own the mineral rights under its right-of-way. Without written verification of these statements, we doubt the wisdom of undertaking exploration so near the railroad. Also, processing of the contract should await receipt of the tie-in to a property corner, which the applicant has been asked to submit.

Robert A. Laurence
Robert A. Laurence
Executive Officer

V. J. Lynch
V. J. Lynch
Member, Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
11-5-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
NOV 1 1956
D.M.E.A.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION, REGION V

On

DMEA-4430, THE OLD MORRIS PUTMAN MINE - Mica
Mitchell County, North Carolina

By

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

and

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
11-5-56
(date)

Examined: October 2, 1956

RECEIVED
NOV 1 1956
D.M.E.A.

FIELD EXAMINATION REPORT

On

DMEA-4430 (Mica) Old Morris Putman Mine

Applicant: Morris Putman Mining Company, Box 126, Spruce Pine, N. C.
(Partnership - L. M. Johnson, Yatesville, Georgia
M. E. Burleson, Spruce Pine, N. C.
R. M. Burleson, Spruce Pine, N. C.)

Summary

A large mica-bearing pegmatite is exposed immediately adjacent and sub-parallel to the main line track of the Carolina-Clinchfield and Ohio Railroad. The structure splits into two dike-like bodies towards the southwest. Two 30 to 35-foot shafts have been sunk on the trace of the hanging wall pegmatite. The northeast shaft, now covered, is reportedly vertical and has a reported World War II mica production of $40,000, mined from the footwall pegmatite. The southwest shaft is inclined on the hanging wall structure and reportedly has no drifts and only meager production. A program of exploration is recommended from the bottom of the southwest shaft on the hanging wall pegmatite. Processing of the application should be held until definite information is received as to the Applicant's right to work on or under railroad right of way.

HW?

Introduction

Location

The pegmatite is situated immediately southwest of the Clinchfield railroad track and the North Toe River near the Mitchell-Yancey County line. It is 0.77 airline mile S. 78° W. of Bandana, Mitchell County, North Carolina (Micaville, N.C. Quad., TVA, Ed. 1934, 1:24,000).

Examination

An examination was made on October 2, 1956 over a period of three hours. The examiners were accompanied by Mr. Milt Burleson and Mr. Herman Johnson. The applicants have not had much contact with DMEA operations, but are locally well known and are fairly successful independent mica mine operators.

The pegmatite crops out intermittently at the foot of a steep, heavily wooded valley wall over a strike distance of approximately 145 feet and possibly continues much farther to the northeast. Pegmatite merges with the road bed to the northeast and lies about 24 feet southeast of the rail centerline at the southwest end of the exposure. A reported 40 feet deep vertical shaft (now covered) lies about 70 feet southwest of the northeast extremity of the exposure and about 15 feet southeast of the rail centerline. The shaft was sunk on the hanging wall segment of a branching pegmatite (see map), and reportedly intercepted the footwall segment, minutely exposed at the road bed's edge. A reported 50 feet of level drift was driven to the southwest and 35 feet to the northeast on this segment of pegmatite. It is reported that $40,000 worth of mica was recovered from this entry during World War II. By whom About 65 feet to the southwest a -60° incline was sunk along the hanging wall segment of the pegmatite. This shaft is 6 x 4 feet in cross-section at the collar and lies about 24 feet southeast of the railroad centerline. Twenty-eight feet of incline was measured; it is reported to be 30 feet deep. Seven feet of water stood in the bottom. Ten feet of drift was reportedly driven to the northeast from the shaft bottom. Waste material was carried over the tracks by wheelbarrow to the river bank where it was dumped. The applicants reported a production of about $700.00 worth of mica from the incline. Government depot records indicate that $7,734.95 worth of mica was sold from the subject property between August 5, 1952 and June 25, 1956. It is not known from what areas in the pegmatite this mica was recovered. Approximately 100 feet southwest of the incline is a thick well exposed cross-section of country rock with no trace of pegmatite on the strike projection of pegmatite exposed at the inclined shaft.

A 1951 Ingersoll Rand 125 c.f.m. Compressor, in seemingly good condition, is located adjacent to the rail bed and about 40 feet southwest of the inclined shaft. About 35 feet uphill from the incline is a Nord (NH 161 - 1850 # cap.) gasoline hoist, also seemingly in good condition. A second hoist of uncertain condition and vintage is situated about 400 feet uphill, at the top of the steep valley wall and the end of the entry road for hauling supplies and equipment to and from the mine.

It is not known specifially what rights the applicants have to mine on or under the railroad right of way and specifically the extent of right of way at this point. The applicants have been requested to supply evidence to clarify their relationship with the railroad, and tie-in to a corner of the leased tract, with metes and bounds of the tract.

Geology

A large mica-bearing pegmatite is exposed intermittently over a distance of about 145 feet. The structure is at least 8 to 10-feet thick at the northeast end of the exposure. Approximately 45 feet southwest of the northeast extremity of the exposure, the pegmatite divides into two strong dike-like structures. The hanging wall pegmatite is 4 to 6-feet thick and extends at least 100 feet southwest, but not more than 250 feet. The footwall pegmatite is only surficially exposed along its hanging wall contact for a distance of about 22 feet southwest of the divide. Reported drifting to the southwest on the footwall pegmatite would extend its known strike continuity to at least 76 feet. The pegmatite is concordant in a coarse biotite-muscovite gneiss which grades outward several feet from the

contact, into five banded to massive hornblende gneiss. The pegmatite strikes N. 35 to 50° E. between the two shafts and dips 50 to 60° to the southeast. It is composed of predominantly plagioclase with considerable perthite, disseminated quartz, and small books of ruby muscovite. There is minor biotite and sericite. The muscovite is flat, fairly free from mineral stain and cracking, but occasionally intergrown with coarsely crystalline biotite.

Recommendations

The Field Examiners recommend the following program which should adequately explore this deposit. Rehabilitate 30 feet of existing shaft, sink 40 feet of inclined shaft in pegmatite and from the shaft bottom drive 80 feet ofdrift. Work was not proposed at the northeast extremity of the exposure because of the extremely steep bank and close proximity to the railroad.

Estimated Costs:

Rehabilitate 30 feet of shaft, including necessary trimming to 5' x 7' in cross-section and timbering (10 shifts).

Labor:	
1 - Foreman-Miner @ $1.75/hr.	$140.00
1 - Hoistman @ $1.50/hr.	120.00
1 - Laborer @ $1.00/hr.	80.00
Equipment Rental:	
1 - 105 c.f.m. Air Compressor @ $150.00/Mo.	75.00
1 - Hoist - gasoline powered @ $50.00/Mo.	25.00
1 - Air sump pump @ $40.00/Mo.	20.00
1 - Air Rock drill w/air hose @ $50.00/Mo.	25.00

Supplies:		
Gasoline and oil	15.00	
Explosives	30.00	
Drill steel	12.00	
Timber - 1500 b.f. @ $65.00/M	97.50	
Miscellaneous	10.00	
Liability Ins. and Social Security	38.00	
Sales Tax	3.50	
($23.03/ft) Estimated Total Cost of Rehabilitation		$ 691.00

Sink 40 feet of inclined shaft, 5' x 7' in cross-section with separated portion and manway (26 shifts).

Labor:		
1 - Foreman-Miner @ $1.75/hr.	364.00	
1 - Hoistman @ $1.50/hr.	312.00	
1 - Laborer @ $1.00/hr.	208.00	
Equipment Rental:		
1 - 105 c.f.m. Air Compressor @ $150.00/Mo.	187.50	
1 - Sump pump w/air hose @ $40.00/Mo.	50.00	
1 - Hoist, double-drum gasoline powered @ $50.00/Mo.	67.50	
1 - Air Rock drill @ $50.00/Mo.	67.00	
Supplies:		
Gasoline and oil	80.00	
Explosives	120.00	
Drill steel	60.00	
Timber, 2000b.f. @ $65.00/M	170.00	
Small tools, pipe, etc.	80.00	
Liability Ins. and Social Security	99.00	
Sales Tax	10.00	
($46.88/ft) Estimated Cost of Shaft Sinking		$1,875.00

Drive 80 feet of 5' x 7' drift (40 shifts)

Labor:	
1 - Foreman-Miner @ $1.75/hr.	560.00
1 - Hoistman @ $1.50/hr.	400.00
1 - Laborer @ $1.00/hr.	320.00

Equipment Rental:		
1 - 105 c.f.m. Air Compressor @ $150.00/Mo.	$300.00	
1 - Jackleg - air @ $25.00/Mo.	50.00	
1 - Rock drill, air @ $50.00/Mo.	100.00	
1 - Hoist, double drum, gasoline powered @ $50.00/Mo.	100.00	
1 - Sump pump, air, @ $40.00/Mo.	80.00	
Supplies:		
Gasoline and oil	140.00	
Explosives	220.00	
Drill steel	120.00	
Timber - 1500 b.f. @ $65.00/M	100.00	
Small tools, pipe, etc.	80.00	
Liability Ins. and Social Security	140.00	
Sales Tax	13.00	
($34.04/ft) Estimated Cost of Drifting		$2,723.00
Estimated Total Cost of Project		$5,289.00

Examined: October 2, 1956

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

MORRIS-PUTMAN MINING CO.
~~MOLYBDENITE MINERALS~~
Box 126
SPRUCE PINE, N. C.

RECEIVED
OCT - 8 1956

Oct. 6,1956

DMEA-4430

Defense Minerals Exploration Admn.,
Department Of The Interior
Washington 25, D. C.

Gentlemen:

At the request of your field men, we have had a plot made of our property and a measurement made from a fixed point to our shaft so as to pin point location of our shaft and the location for which we have made application for a loan.

We are attatching the drawing as outlined by our surveyor and trust it will give you the information desired.

Very truly yours,

Morris-Putman Mining Co.

By M. E. Burleson
M. E. Burleson

Docket Copy
Surname:
Anderson
Houk
Selfridge
F. J. Hanson

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

SEP - 5 1956

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-4430-Mica
Morris-Putman Mining Company
Old Morris Putman Mine Tract
Mitchell County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda dated August 24 and 29, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (G/S)

Approved:

O. M. Bishop
Member, Bureau of Mines (G/S)

W. P. Williams
Member, Geological Survey (G/S)

Enclosures 4

WCAnderson:gad 9/5/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

R.C.K.

Docket Copy
Surname:
Anderson
Houk
Williams
Bass
Selfridge

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

SEP - 5 1956

Morris-Putman Mining Company
Mr. M. E. Burleson, Manager
P. O. Box 126
Spruce Pine, North Carolina

Re: Docket No. DMEA-4430-Mica
Morris-Putman Mining Company
Morris Putman Mine Tract
Mitchell County, North Carolina

Gentlemen:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

Frank E. Johnson (By cy)
ACTING Administrator

WCAnderson:gad 9/5/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Field Team, Region V
Mr. Houk
Mr. Anderson

R.C.L.

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

August 29, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4430 (mica)

Applicant: Morris-Putman Mng. Co. (M. E. Burleson)

Name and Location of Property: Old Morris Putman Mine Tract, Mitchell Co., N.C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 8/21/56

Comments:

1. Considerable mica was produced from this area during World War II and sold to Colonial Mica Corporation.

2. It is suggested applicant be requested to submit more detailed information regarding an exploration plan.

3. The proposed program of exploration will determine value of ground in mine that previously has been reported as a producer of mica.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

W. F. Dietrich

Attachment

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

August 24, 1956

Re: DMEA 4430
Morris-Putman Mining Co.
Old Morris-Putman Tract
Mitchell Co., N. C.
$6,249.06 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicant requests assistance in continuing a shaft and drifting and/or crosscutting to a pegmatite from which strategic mica was taken during World War II. The site is near an operating mica mine.

Referral of the application to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

August 21, 1956

Morris-Putman Mining Co.
P. O. Box 126
Spruce Pine, N. C.

Subject: DMEA-4430
Re: Exploration Assistance
Morris Putman Mine Tract

Gentlemen

The receipt of your application dated July 21, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4430 and referred to the Nonmetallic Minerals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Allen S. Dakan
~~Robert E. Adams~~, Chief
Operations Control and
Statistics Division

MORRIS-PUTMAN MINING COMPANY
~~HARRIS MINING COMPANY~~
P. O. BOX 126
SPRUCE PINE, N. C.

Aug. 20,1956

Defense Minerals Exploration Admn.,
Department of The Interior,
Washington 25, D. C.

Gentlemen:

We are attatching our application for a loan on the Morris-Putman Mine.

This is one of the best leads of mica in Mitchell County and we feel sure there will be no question of our work paying the loan back. It is only about 300 yards from the old Abernathey Mine which has paid at the various times it has been worked and is on the same lead of mica.

We will appreciate anything you can do to facilitate the handling of this loan.

We had the application ready to go in the 21st of July but found you were requiring use of the new form for Consent to Lien so were delayed in securing the new form.

Very truly yours,

Morris-Putman Mining Co.
By M. E. Burleson
M. E. Burleson

RECEIVED
AUG 21 1956

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4430
Metal or Mineral Mica
Date Received 8-21-56
Estimated Cost $6,249.06
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Morris-Putman Mining Company
P.O. Box- 126, Spruce Pine, North Carolina.
L.M. Johnson, Yatesville, Ga.
M.E. Burleson, R.M. Burleson, Spruce Pine, N.C.) Partnership

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Being the Morris Putman old tract of land in Snow Creek Township, Mitchell County, N.C. containing 8 acres more or less. See Deed Books # 113 116 117, Pages # 458 461 462 in the Mitchell County Register of Deeds office for more fuller description

(*b*) State any mine name by which the property is known. Old Morris Putman Mine tract.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise
The above named applicants are the owners of this tract of land.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it None.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. None.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See attached sheets.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. do

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. see sketch attached.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. see attached sheets

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. do

16—66551-1

RECEIVED
AUG 21 1956

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore _____

_____

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within _____ days and be completed within _____ months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☐ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated _____, 195_

_____
(Applicant)

X By M. E. Burleson

_____

_____

_____

_____

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—66551-1

Re: Morris-Putman Mining Company
P.O. Box- 126,
Spruce Pine, North Carolina.

SUPPLEMENT SHEET No. 1.
--- re---
FORM MF-103, (Revised)

Section 4-(a) PHYSICAL DESCRIPTION.

The proposed mica exploration project as herewith referred to as the"Morris Putman Prospect", is located on the west side of a prominent ridge running approximately North-South direction. The prospect site being about 60 feet up the side of of the said ridge above the Clinchfield Railway Company main line track and about 400 feet South-Southeast of the old Abernathy mica mine now in operation. The prospect is in Snow Creek Township, Mitchell County, State of North Carolina, being about 1¼ miles west of the old Bandana postoffice site located on State highway # 80. The prospect is now being worked by the applicants who have sunk a shaft to the depth of about 30 feet on a side vein ajacent to the main pegmatite body. An old shaft that was worked during the World War 11 period and which is about 40 feet deep is located about 50 feet North-Northeast of the new 30 foot shaft now in operation. A very large amount of high grade ruby mica was mined from the old 40 foot shaft and sold to Colonial Mica Company during World War 11. A small amount of work was done on the main vein below the old shaft and good mica recovered from the shallow pit shot out. This small operation is hardly visible at present time. The applicants had no part in any of the past operations having aquired the property since the date of prior operations. The proposed exploration site can be reached for inspection by taking N.C. State highway # 80 to old Bandana postoffice site and then taking a gravel road west for about 3/4 of a mile and then by walking about ¼ mile down side of the ridge to mining site.

Sect. 4-(b) PAST & CURRENT PRODUCTION RECORD.

As above stated, the applicants are at present working in a 30 foot shaft that is being sunk about 50 feet South-Southeast of the old 40 foot shaft worked during World War 11. No mica is being recovered as yet in the new shaft as it is planned to sink this shaft to a depth of some 70 or 75 feet for a contact with the main pegmatite body which is to be reached by a drift striking N-Eastward from the bottom of the new shaft. This drift will be some 60 to 65 feet in length North-Northeast from center of new shaft now being sunk. A very large amount of high grade ruby mica was mined from the old 40 foot shaft during World War 11. This old shaft is located on main pegmatite body and about 50 feet North-Northeast of the new shaft.

Sect. 4-(c) GEOLOGIC DATA OF EXPLORATORY PROSPECT.

The main pegmatite body which is to be contacted by drifting some 60 to 65 feet North-Northeast from the bottom of the propose 75 foot new shaft now being sunk ranges in width from 4 to 6 feet between the hangingwall and the footwall slates. It is composed of feldspar, quartz and granite with a quartz core averaging about 16" to 24" very prominent along the run of the main body. The average size of books of mica recovered from the old shaft will run large enough to cut 3" X 4" ruby pattern with some books much larger having been recovered. The main pegmatite body strikes a course pointing roughly N.E. by S.W. with the dip of the body gently to the South. The slates are thick and of hard texture familar to this section of the country. The dump from the old shaft is composed of feldspar, quartz, slate and granite and is rich in small books of good grade ruby mica. The dump has been worked in the past and all mica of commercial size and recovered by the workers.

Re: Morris-Putman Mining Company
P.O. Box- 126
Spruce Pine, North Carolina.

SUPPLEMENT SHEET No. 2.
--- re---
FORM MF- 103. (Revised)

Sect. 4-(d) ASESSIBILITY OF PROJECT.

The proposed exploratory project site can be reached from Spruce Pine, N.C. by taking N.C. State Highway # 26 North out of Spruce Pine to the intersection of the Mine Creek road at M.V. (Mose) Buchanan's store about 3 miles South of Bakersville, N.C. Take Mine Creek road about 1½ miles to the intersection of State Highway # 80. Take State Highway # 80 Southward to the old Bandana postoffice site about 3 miles from intersection of Mine Creek road. Go about 100 yards past old Bandana postoffice site and turn West on gravel road for about 3/4 mile. The rest of way (about ¼ mile) can be reached by foot or by jeep to the proposed mining site. The nearest railway shiping point is locate at Toecane, N.C. about 6 miles North of Mining site on the Clinchfiled Railway. The main mining supply point is located at Spruce Pine, N.C. The nearest known residence is about ¼ mile from the mining site.

Sect. 4-(e) MANPOWER, SUPPLIES, MATERIALS, Ects.

Ample number of experienced mica miners are available at all times for carrying out the proposed project. Ample materials, supplies and equipment are all ready on hand or ready available at Spruce Pine, N.C. to carry out the project. A power line is located near by and ample supply of water is available for use at the proposed project.

Sect. 5-(a) PROPOSED EXPLORATORY WORK.

As heretofore stated in Sect.4-(a)-(b), a 30 foot shaft has been sunk by the applicants on a side vein approximately 50 feet south of the old 40 foot shaft worked during World War 11 and which produced large quanities of high grade mica. It is proposed by applicants to sink the 30 foot shaft to a depth of 70 to 75 feet and then at this depth to drive a drift along with the run of the vein some 60 to 65 feet Northeast and 50 feet South~~east~~ West. The Northward drift would contact the main pegmatite body at a point just South east of the old 40 foot shaft and should bring contact with the rich mica column abandoned at close of World War 11 when operations in the old shaft ceased. Under this proposed operation a loan is solicited to drive approximately 40 additional feet in the shaft now started and approximately 100 to 115 feet drift in run of vein both ways from bottom of shaft.

Sect. 5-(d) MINING QUALIFICATIONS OF WORKERS.

All men now employed at project are thoroughly experienced miners none having less than 5 years actual mica mining experience. Any additional men hired would be experienced miners. The Supervisor selected to oversee the proposed project, Mr. Herman Johnson, has had better than 15 years experience in mica mining and participated in mining the old 40 foot shaft herein mentioned.

Sect. 6-(b) LABOR & SUPERVISION.

No.	Class	Hr. Rate	Wk Rate	Month Rate	16 Wk Period	640 Working Hrs.
1	Supervisor	$ 1.50	60.00	240.00	960.00	" "
1	Drill Optr.	1.50	60.00	240.00	960.00	" "
1	Hoist Optr.	1.25	50.00	200.00	800.00	" "
2	Muckers @ 1.00 ea	2.00	80.00	320.00	1280.00	" "
5	Man Crew----------	6.25	250.00	1000.00	4000.00	3200 Wk Hrs.

Re: Morris-Putman Mining Company
P.O. Box- 126,
Spruce Pine, N.C.

SUPPLEMENT SHEET No. 3.
---re----
FORM MF- 103, (Revised)

Sect. 6-(c) OPERATING MATERIALS & SUPPLIES (Purchase)

Unit.	Items.	No.	Units.	Unit Cost.	Cost For Period
Gal.	Gasoline	560	Gals	$ 0.22	$ 123.20
Qts.	Motor Oil	160	Qts.	0.20	32.00
Ea.	Lubricator	1		20.00	20.00
Lft.	1" pipeing	147	Lft.	0.16½	24.26
Lbs.	Dynamite	500	Lbs	0.25	125.00
Ea.	El Exploders	400		0.14	56.00
Ft.	Air Hose	50	Ft.	0.60	30.00
Lft.	Drill Steel(Tung)	24	Lft.	6.40	153.60
Ea.	El Blast Battery	1		25.00	25.00
Lft.	El Lead Line	100	Lft	0.10	10.00
Ea.	Mine Bucket	1		5.00	5.00
TOTALS----------				$604.06	$ 604.06

Sect. 6-(d) OPERATING EQUIPMENT (Monthly Rental Basis)

Unit.	Item	No. Units	Unit Cost	Cost for Period
Ea.	# 85 Compressor	1	$ 125.00	$ 500.00
Ea.	Jackhammer Drill	1	50.00	200.00
Ea.	1 ton Hoist	1	35.00	140.00
Ea.	Water Pump 2" D.	1	15.00	60.00
Ea.	D.D. Hoist	1	35.00	140.00
Ea.	Jackleg	1	15.00	60.00
TOTALS----------		6 ----	$ 275.00	$ 1100.00

Sect. 6-(f) NEW BUILDINGS-INSTALLATIONS. (Purchase)

Unit.	Item.	No. Unit.	Unit Cost	Cost for Period
1	Tool House	1	$ 75.00	$ 75.00
1	P. Magazine	1	25.00	25.00
1	Ex. Magazine	1	15.00	15.00
TOTALS		3	$ 115.00	$ 115.00

Sect. 6-(g) MISCELLANEOUS EXPENSES. (Estimated)

Federal Payroll Taxes @ 2% of $ 4000.00	(16 Wk Period		$ 80.00
Employers Liability Ins.	(5 Man Crew)	(Estimated)	150.00
Employees Groupe Ins.	(5 Man Crew)	(Estimated)	200.00
TOTALS----------			$ 430.00

Sect. 7-(b) EXPLINATION OF OPERATORS 25% PARTICIPATION IN PROJECT COSTS.

The operators will furnish their 25% of total cost of the project by supplying all small tools (hand) and by furnishing all heavy operating equipment and meeting $ 462.27 of the total cost of the labor and Supervision.

A RECAPITULATION OF ESTIMATED COSTS OF PROJECT
------ BY UNITS-------

Labor & Supervision	(16 Week Period)	$ 4,000.00
Operating Matls & Supplies	" " "	604.06
Operating Equipment	" " "	1,100.00
Bldgs & Installations	" " "	115.00
Miscellaneous Expenses	" " "	430.00
TOTAL EST COST OF PROJECT.	(16 WEEK PERIOD)----------	$ 6,249.06

Re: Morris-Putman Mining Company
P.O. Box- 126
Spruce Pine, North Carolina.

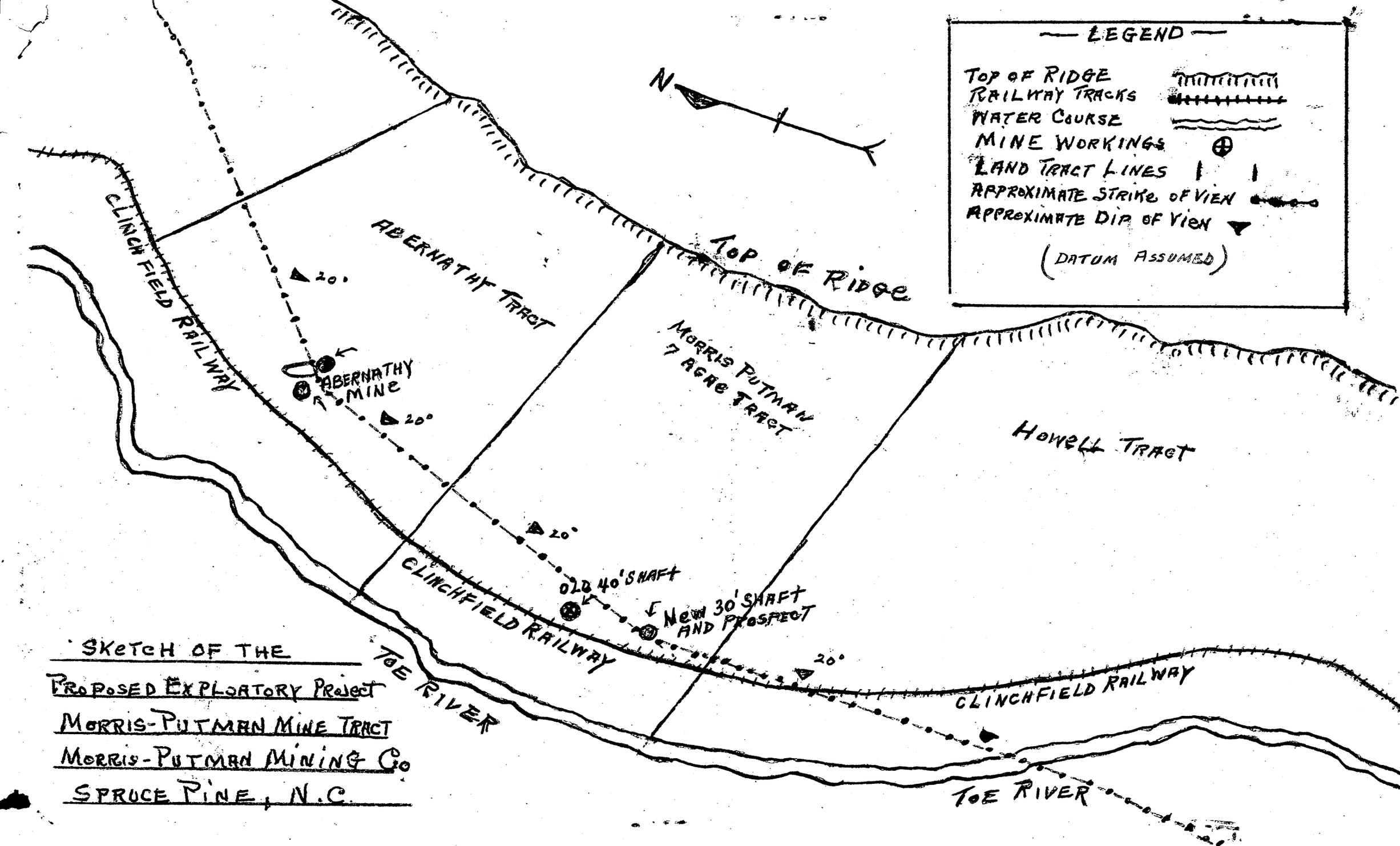
SHEET NO. 4

GENERAL SUMMARY OF PROJECT EXPENSES AND
THE GOVERNMENT & OPERATORS PARTICIPATION

TOTAL ESTIMATED COSTS OF PROJECT, (16 WEEK PERIOD)------$	6,249.06
OPERATORS SHARE OF ABOVE @ 25% OF ESTIMATED COSTS ------$	1,562.26
TOTAL AMOUNT OF LOAN SOLICITED FROM GOVERNMENT, 75%-----$	4,686.80

Respectfully Submitted,

Morris-Putman Mining Company
X Per: M. E. Burleson
Manager & Partner
P.O. Box- 126
Spruce Pine, N.C.

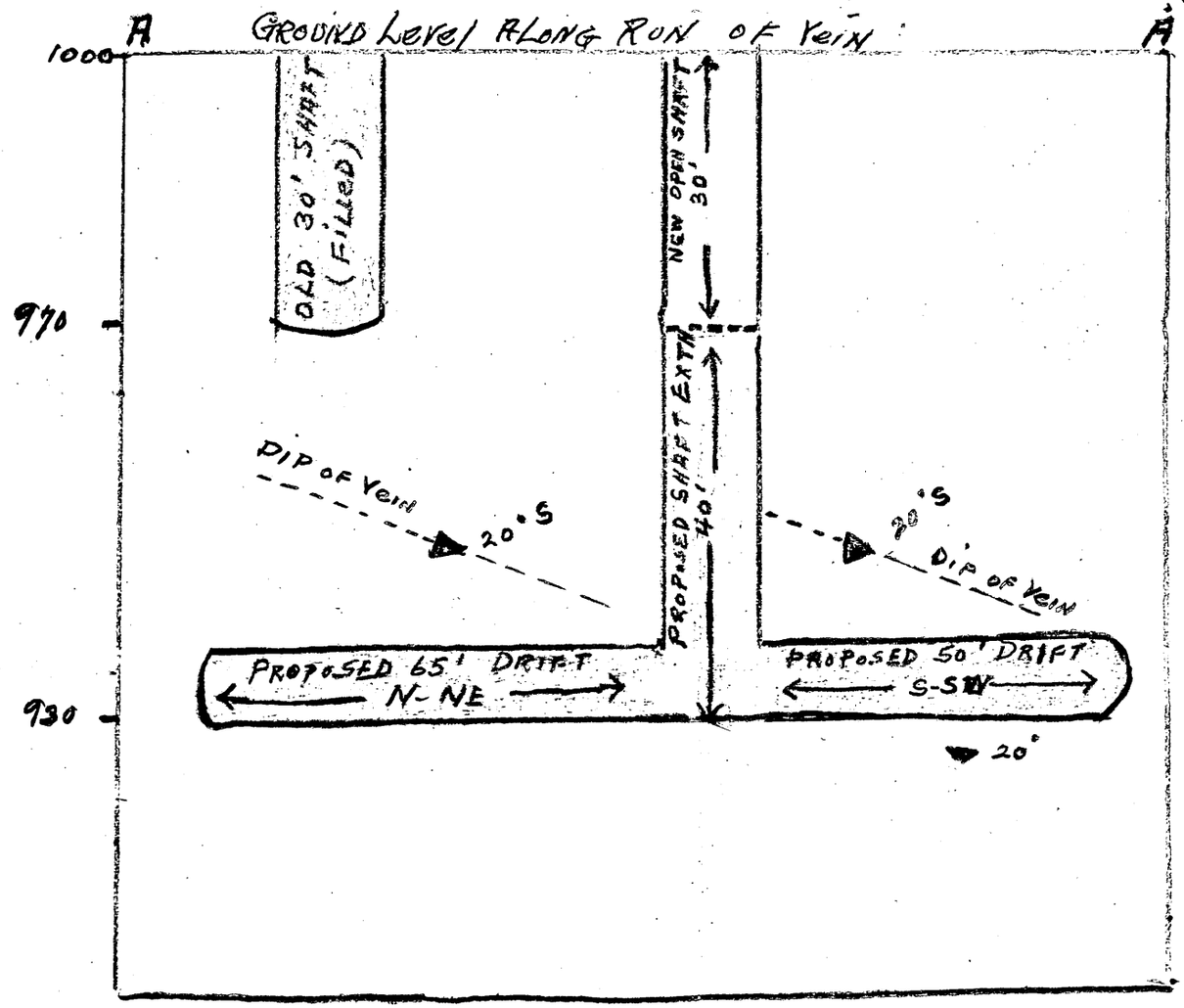

LEGEND
TOP OF RIDGE
RAILWAY TRACKS
WATER COURSE
MINE WORKINGS
LAND TRACT LINES
APPROXIMATE STRIKE OF VIEN
APPROXIMATE DIP OF VIEN
(DATUM ASSUMED)
N
TOP OF RIDGE
ABERNATHY TRACT
MORRIS PUTMAN 7 ACRE TRACT
HOWELL TRACT
CLINCH FIELD RAILWAY
ABERNATHY MINE
20°
OLD 40' SHAFT
NEW 30' SHAFT AND PROSPECT
CLINCHFIELD RAILWAY
TOE RIVER
SKETCH OF THE
PROPOSED EXPLORATORY PROJECT
MORRIS-PUTMAN MINE TRACT
MORRIS-PUTMAN MINING CO
SPRUCE PINE, N.C.

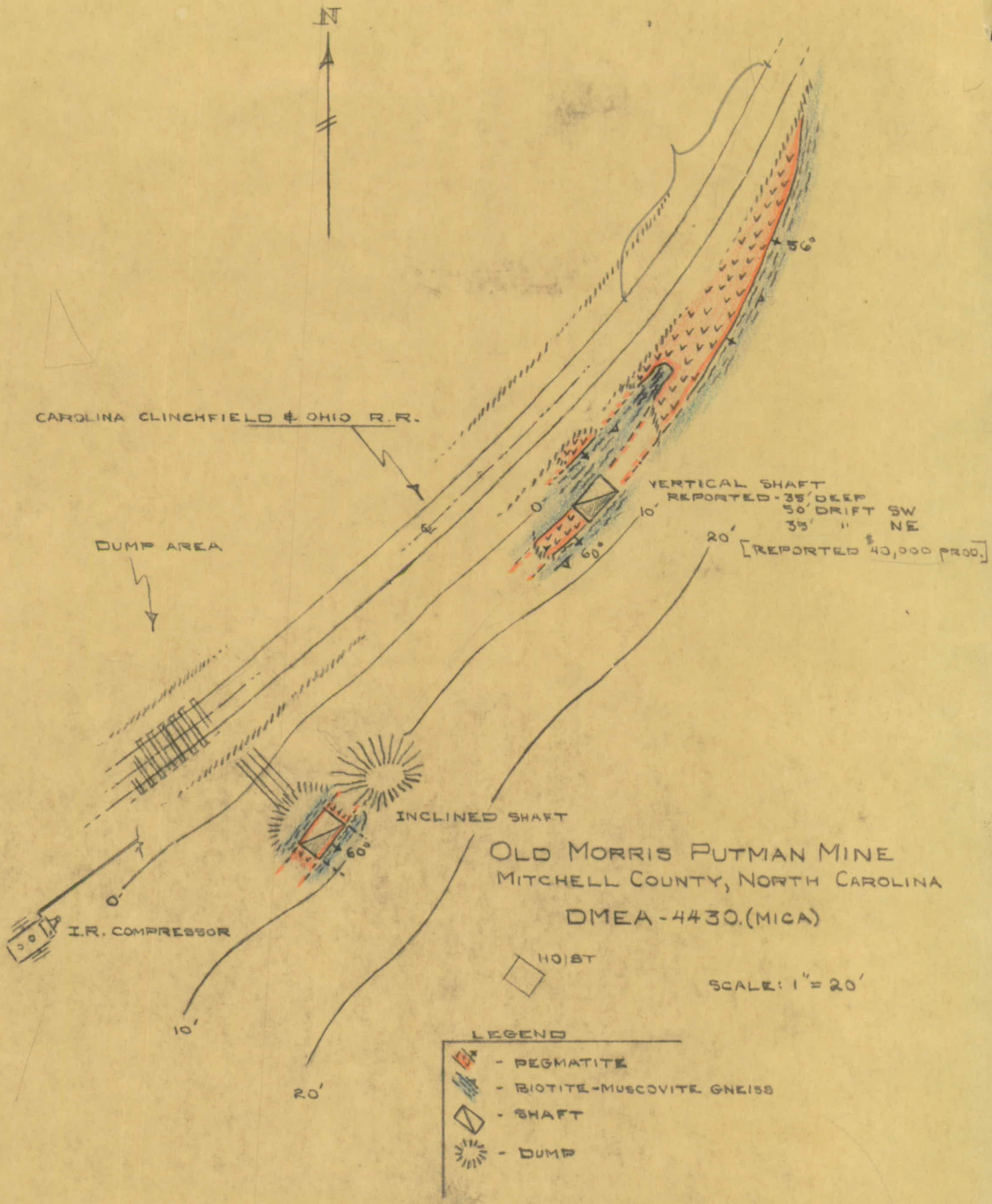
GEOLOGY PROJECTED FROM [redacted] SIDE OF RIDGE

West

(DATUM ASSUMED)

MORRIS-PUTMAN MINING CO
PROPOSED PROJECT.
MITCHELL CO. N.C.





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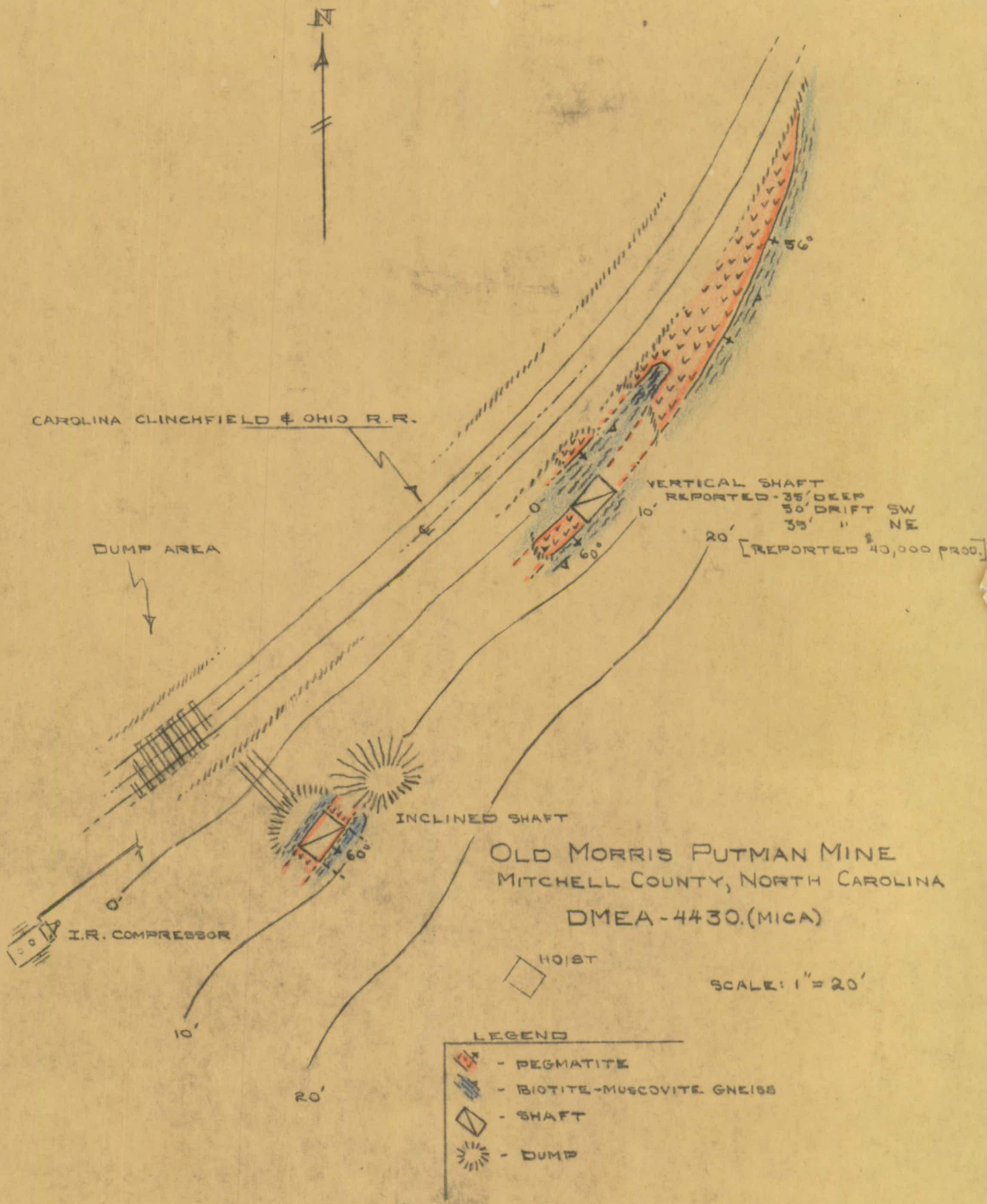
MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430.(MICA)

SCB 10/56



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MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430.(MICA)

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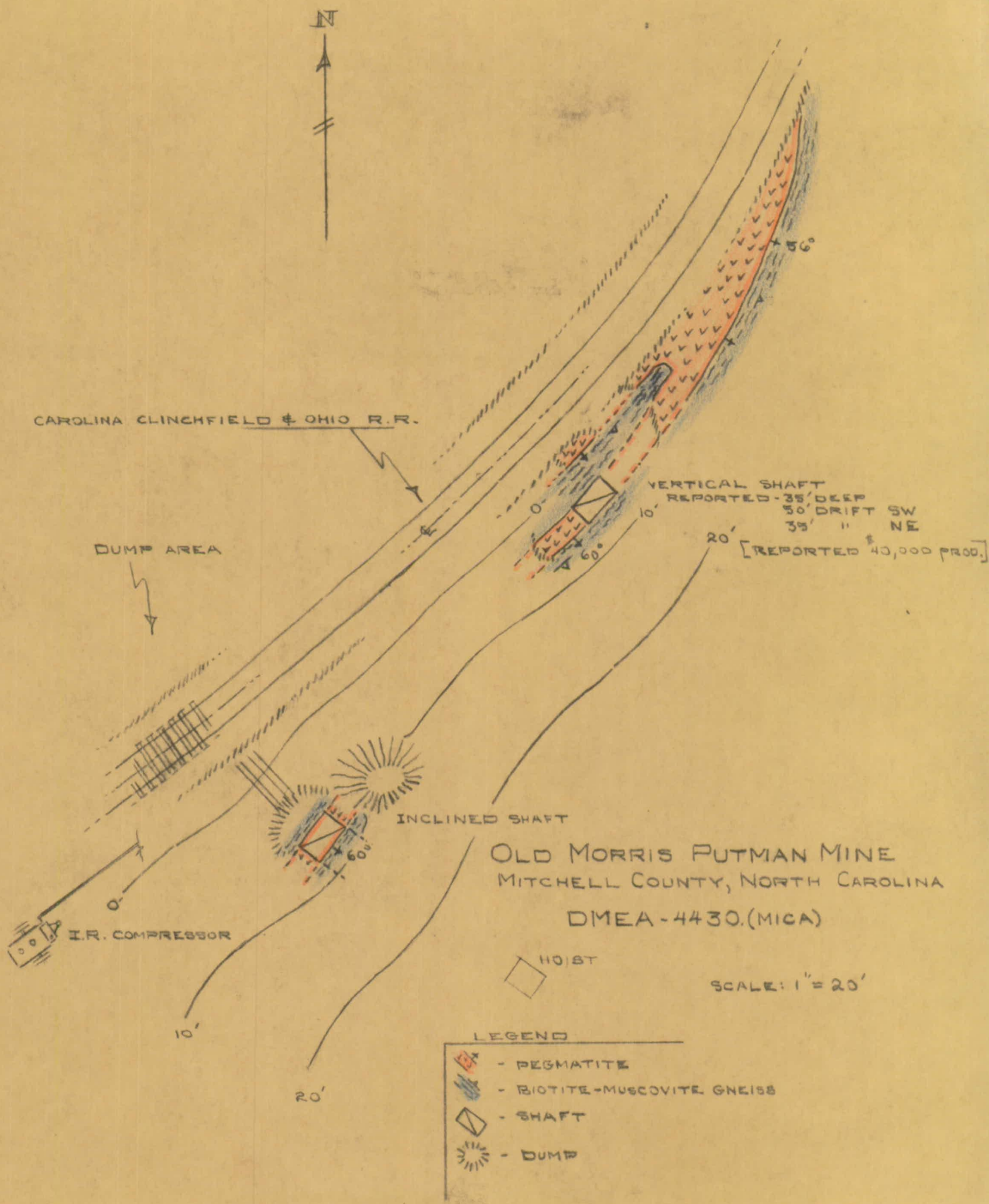

OLD MORRIS PUTMAN MINE
MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430.(MICA)

SCB 10/56

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OLD MORRIS PUTMAN MINE
MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430.(MICA)

SCALE: 1" = 20'

SCB 10/56

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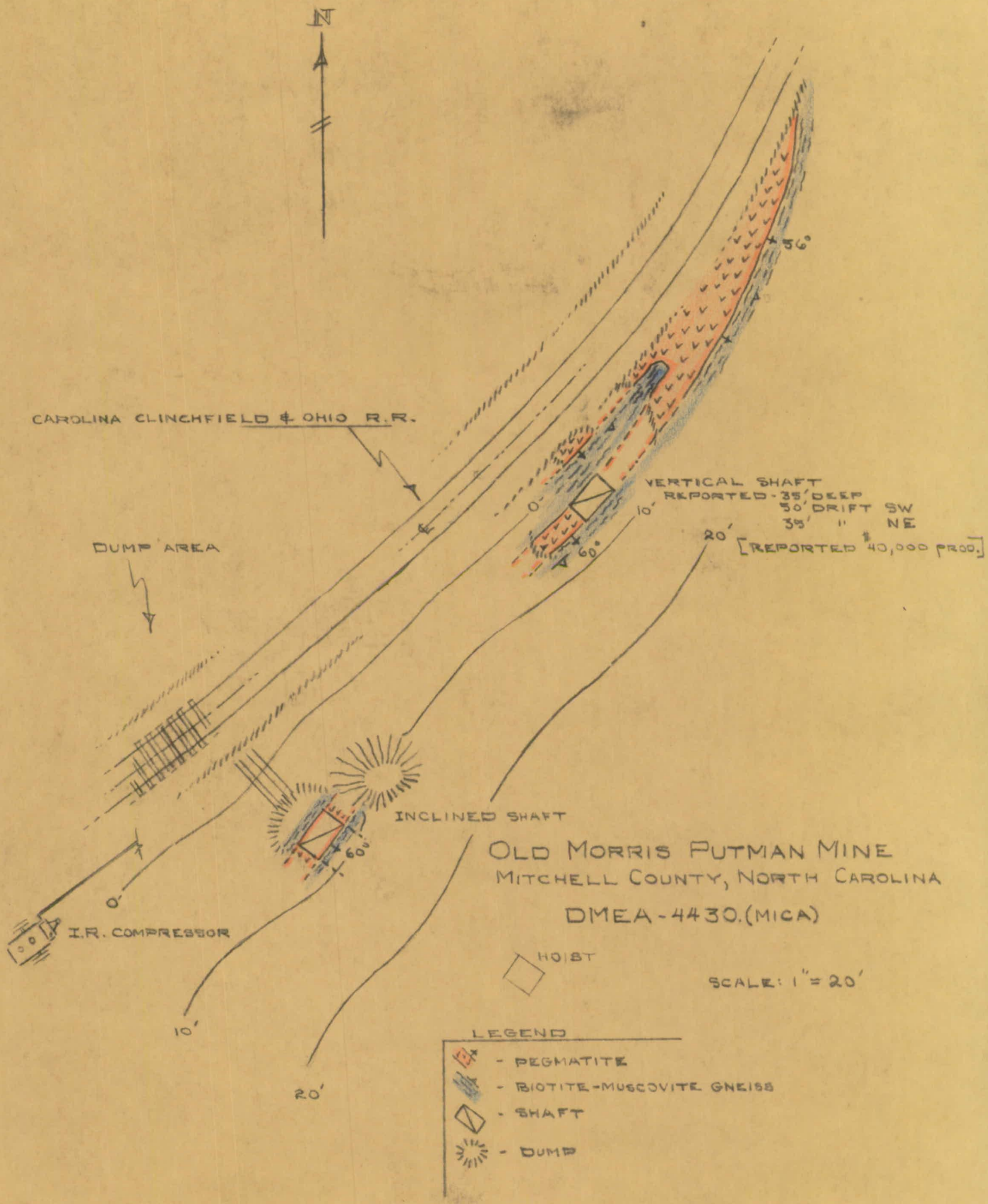

OLD MORRIS PUTMAN MINE
MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430.(MICA)

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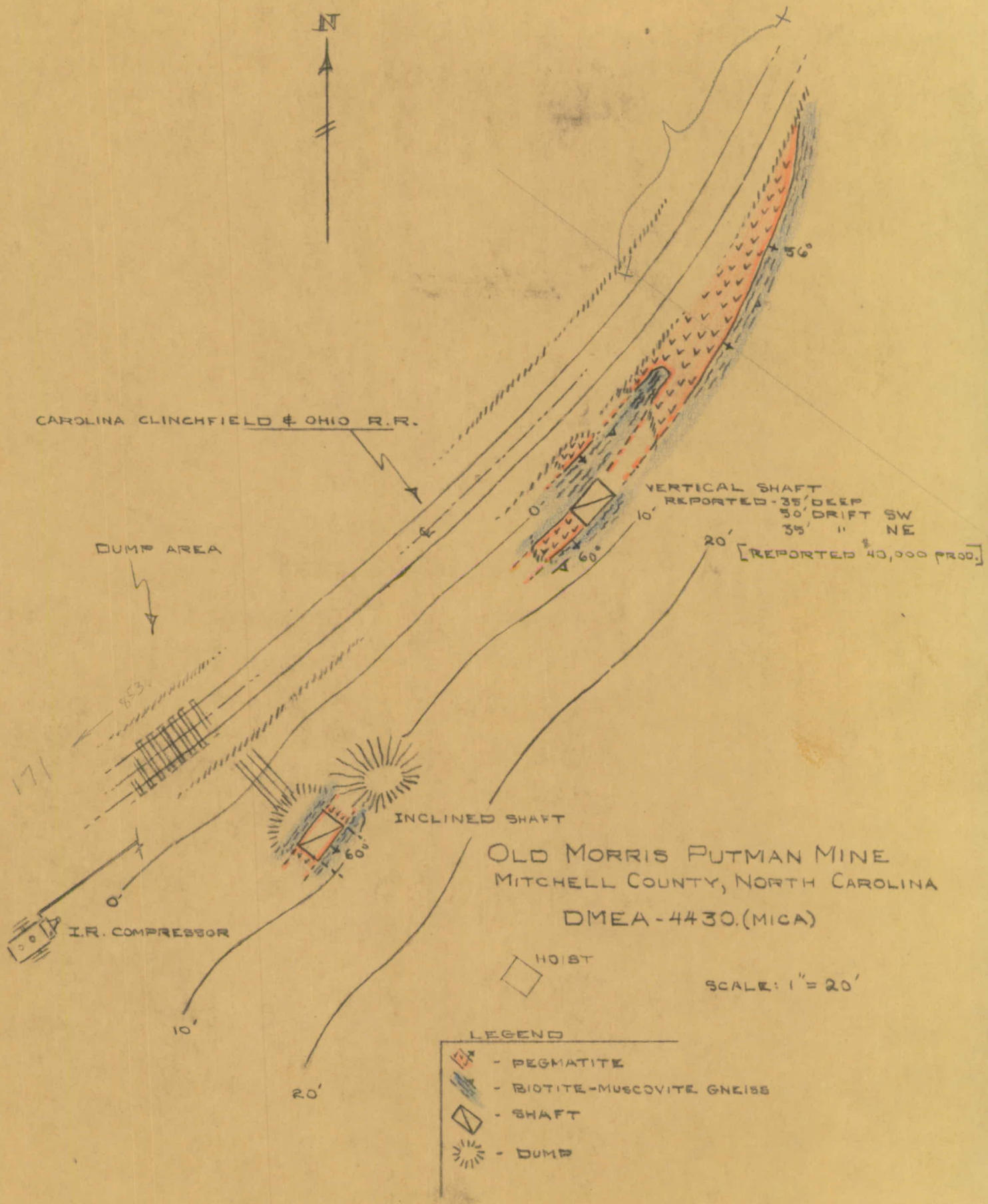

OLD MORRIS PUTMAN MINE
MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430. (MICA)

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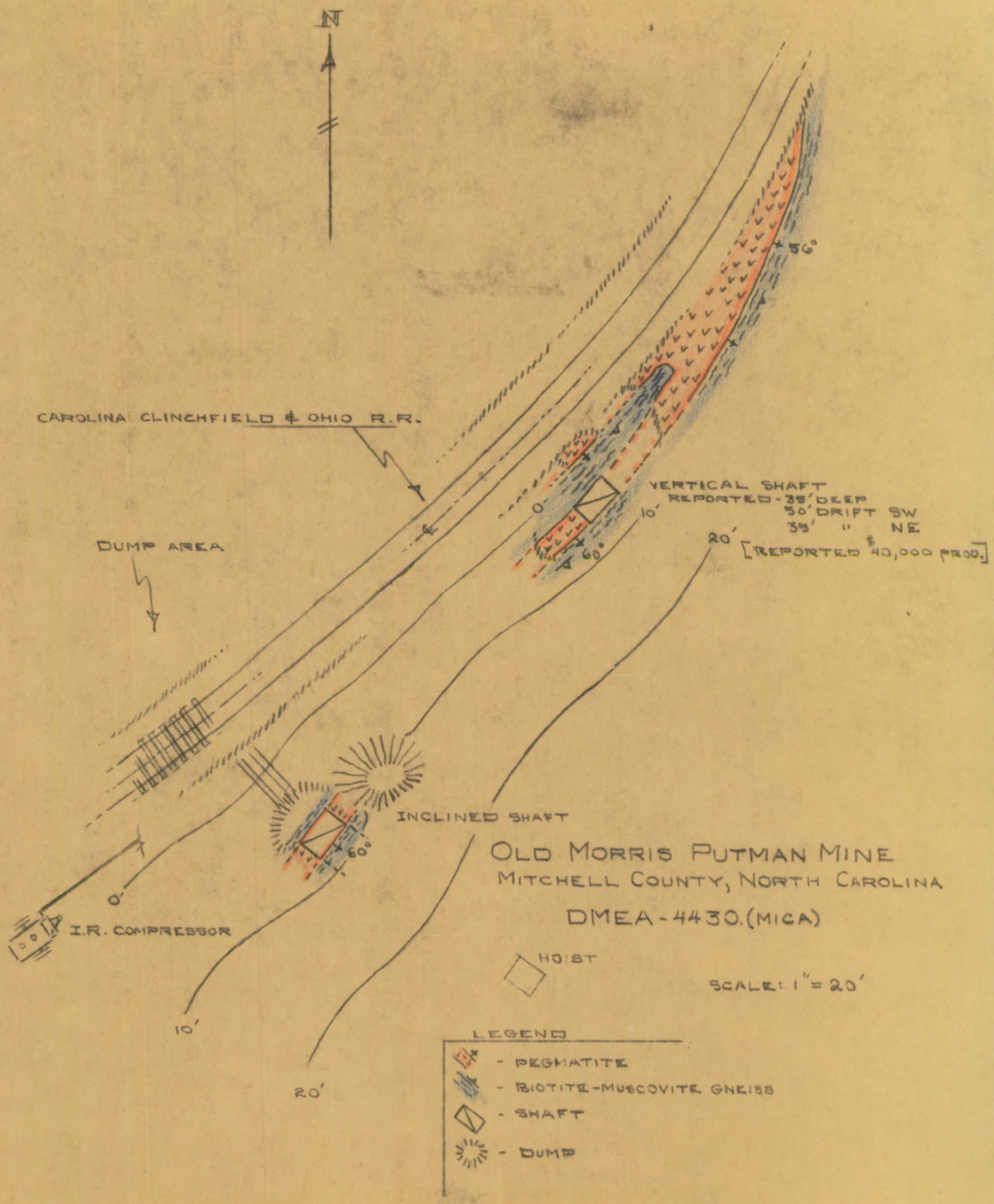

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MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430.(MICA)

SCB 10/56

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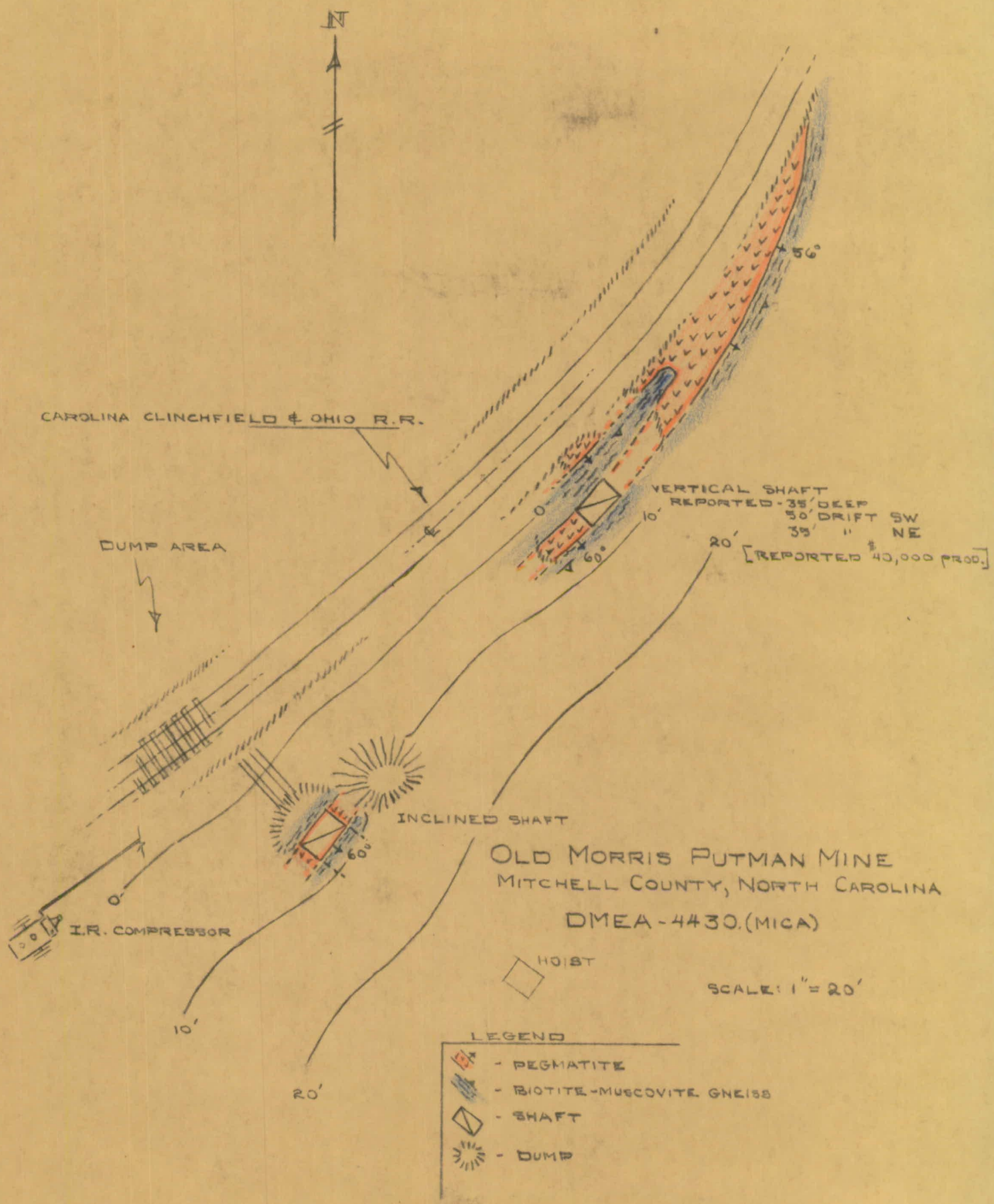

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MITCHELL COUNTY, NORTH CAROLINA
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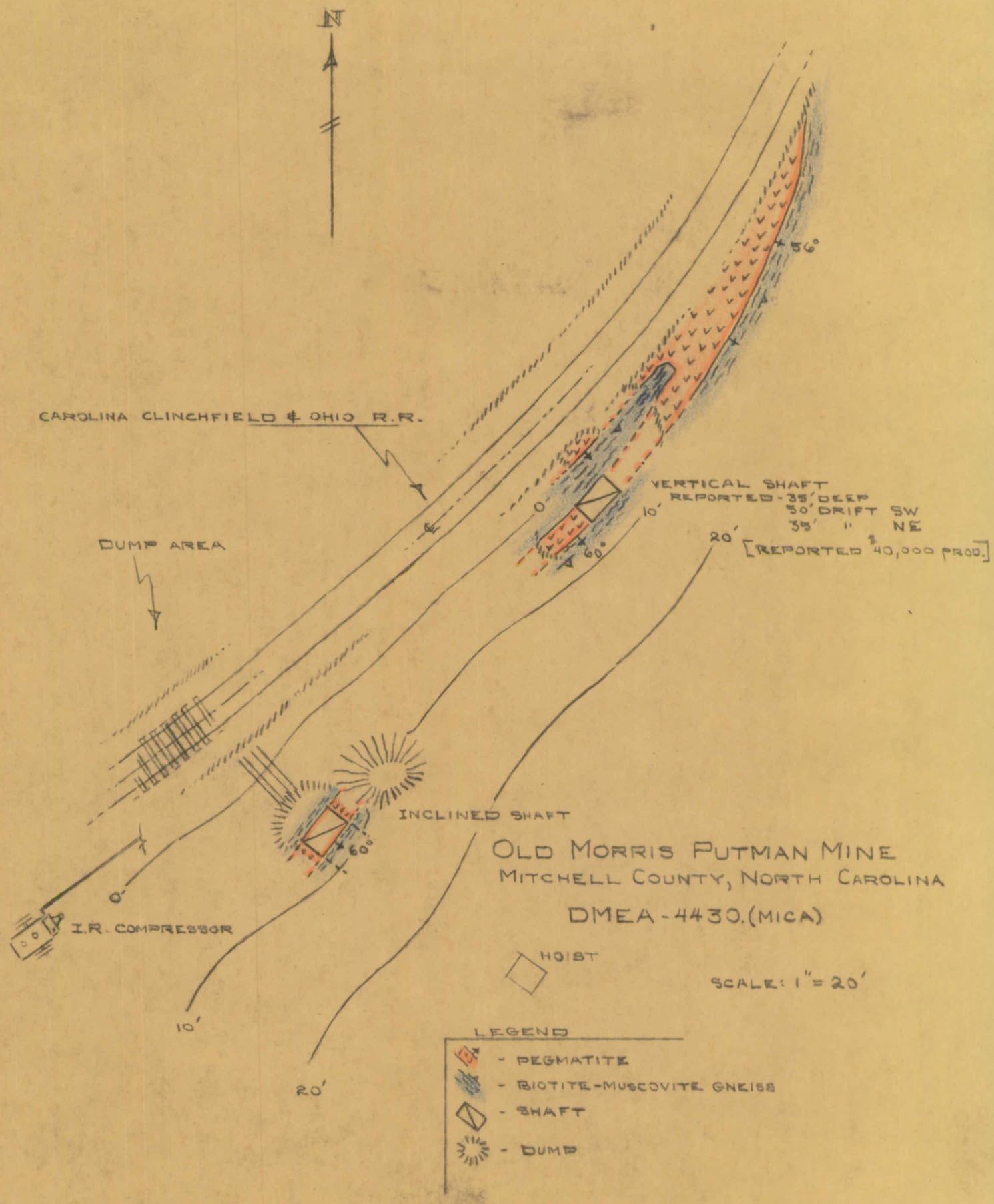

OLD MORRIS PUTMAN MINE
MITCHELL COUNTY, NORTH CAROLINA

DMEA-4430.(MICA)

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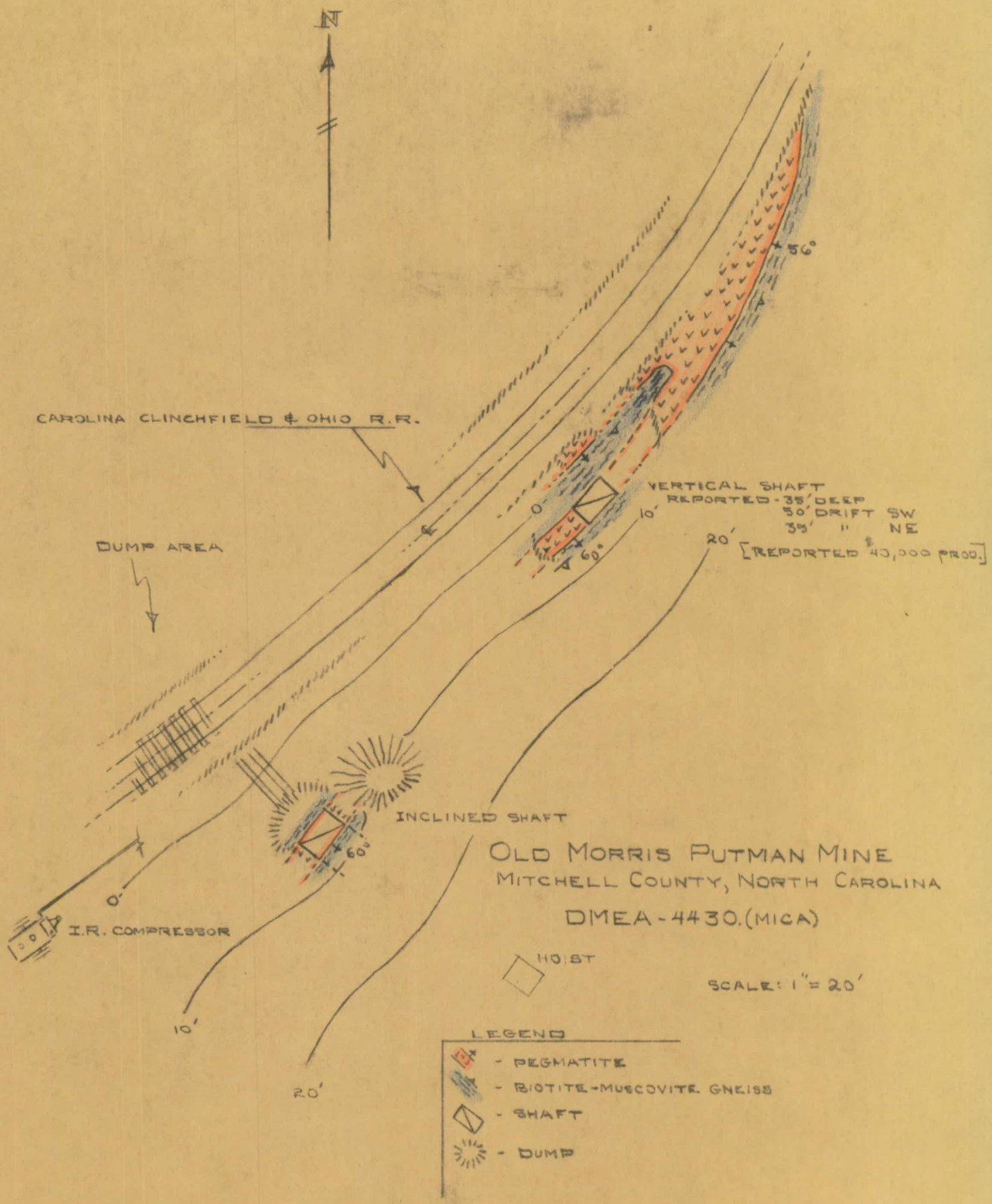

OLD MORRIS PUTMAN MINE
MITCHELL COUNTY, NORTH CAROLINA
DMEA-4430.(MICA)

SCB 10/56

S. Government Messenger Envelope

lard Form No. 65 (Rev. 1/46)

1. Fill blocks consecutively, one at a
2. Void previous block.
3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
~~P. Thayer~~ ~~207 GA Bldg~~	RUN / STOP		RUN / STOP
~~Wilmarth~~	RUN / STOP		RUN / STOP
Mr. Hank 453 Sta.	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
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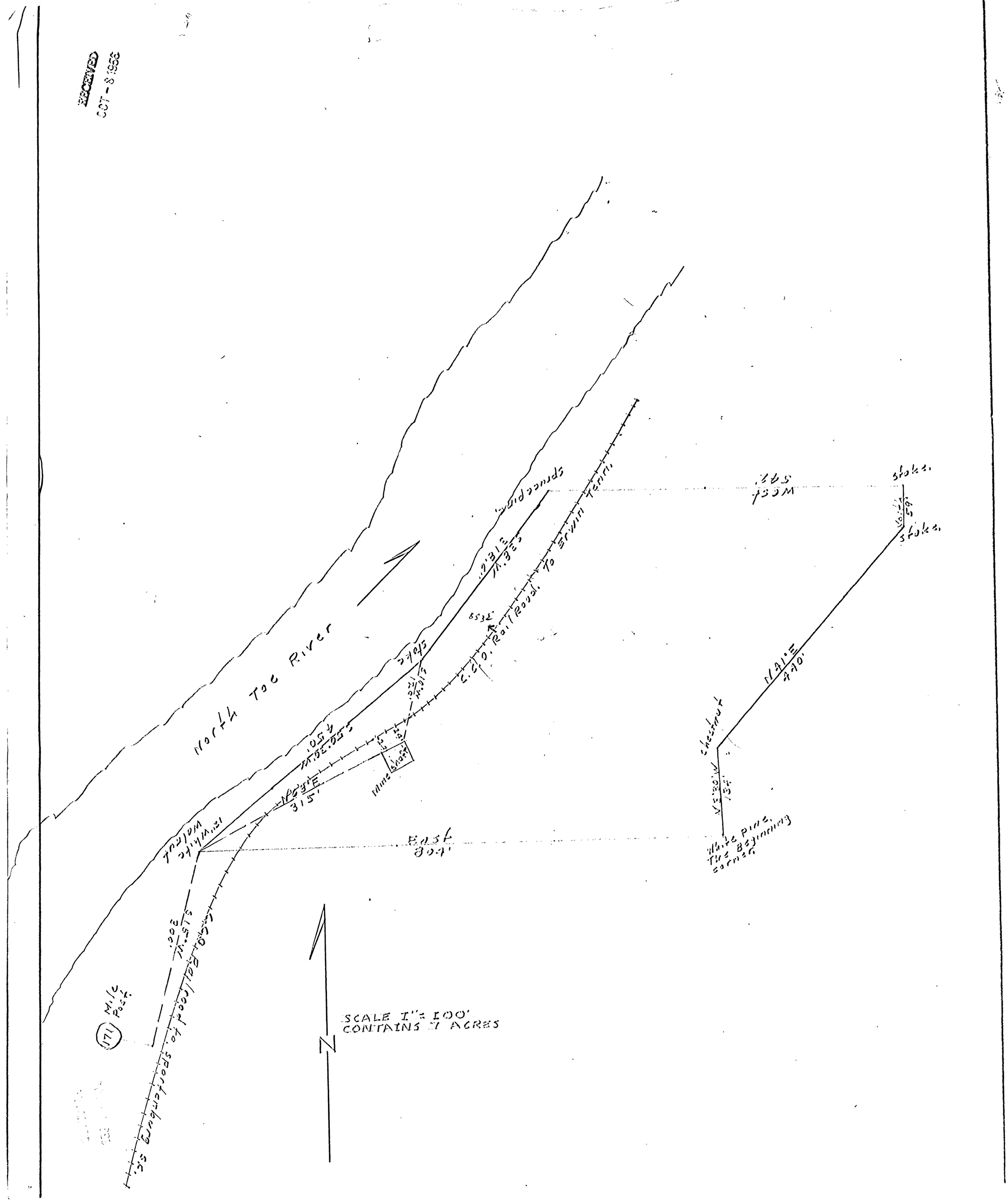
	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP

Plus envelopes to room for reissue.

Use other side

Use RUN and STOP only when messenger service between Government buildings in Washington is required.
Your mail room has RUN and STOP information.

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OCT - 8 1956