DMEA Form 1

DEFENSE MINERALS EXPLORATION ADMINISTRATION
Control Slip

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DMEA Docket No. 4532

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To:	600	Date	11/5/56
To:	Mr. Hopkins	Date	11-5-56
To:	Oper. Com.	Date	11-29-56
To:	FEJ	Date	11-30-56
To:	CJON	Date	11-30-56
To:	Oper Com	Date	12-10-56
To:	J.E. Johnson	Date	12-10-56
To:	CJM	Date	12-10-56
To:	Oper. Com.	Date	1/2/57
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

January 7, 1957

Memorandum

To: Administrator

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

Subject: Denial of application for exploration assistance and a summary report.

By: James Hopkins

1. Docket No. DMEA-4532-Mica
Property: Doe Hill Mine No. 3, Avery County, North Carolina
Applicant: Hall J. Smith, Three Mile, North Carolina
Application: Dated November 1, 1956
Work proposed:
Tunnelling 75 feet
Drifting 200 feet
Total estimated cost $5,109.00

2. Contract: None. Application denied.

3. Comments:

The applicant requested assistance to explore two relatively barren, flat lying lenses of feldspathic fine-to-medium grained pegmatites that were exposed by extensive bulldozing.

Muscovite:

Very little muscovite was observed in place in these large feldspathic bodies. A few pieces of green, flat and stained muscovite two to three inches wide occur associated with small masses of quartz. The majority, however, is crystals up to 1/4 inches wide. Besides biotite staining some pattern color staining was noted.

Pegmatites:

Two flat-lying lenses appear to join at the northeastern end of the deep cut. The topmost lense is about 30 feet thick, a fine-to-medium grained feldspathic body and is exposed for a width of about 200 feet.

The lower body is 10 feet thick and is separated from the upper body by four to six feet of highly weathered and contorted mica schist and gneiss that is migmatized locally. Contacts are well-defined.

The mineralogy of both bodies is about the same; they are composed of plagioclase, orthoclase, some small quartz lenses and small muscovite.

Recommendations:

The Field Team recommends that the application be denied because of the scarcity and stained quality of muscovite in what appears to be a large fine-to-medium grained feldspar deposit.

The Division of Nonmetallic Minerals concurs in the recommendation.

The Commodity Specialists of the Bureau of Mines and the Geological Survey also concur in the recommendation.

James Hopkins
Division of Nonmetallic Minerals

DMEA Form 7
(12-56)
cw

OFFICIAL FILE COPY

Date	Surname	Code
1/2	Hopkins	
1/2	Houk	600
	Selfridge	

2 JAN 1957 600

Mr. Hall J. Smith

Three Mile, North Carolina

Re: Docket No. DMEA-4532-Mica
Hall J. Smith
Doe Hill Mine #3
Avery County, North Carolina

Kilsgaard
Lamb

Dear Mr. Smith:

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.

The complaints in your letter of December 3, 1956, have now been investigated and, in our opinion, no evidence of partiality has been found.

Sincerely yours,

C. O. Mittendorf

Administrator

JHopkins:gad 1/2/57
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Kilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

IN REPLY REFER TO:

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

RECEIVED DEC 18 1956 D.M.E.A.

December 17, 1956
Re: DMEA 4532
Hall J. Smith
Doe Hill #3 Mine
Avery County, North Carolina
$5,109.00 - 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 exploring 2 pegmatites by tunnelling and drifting.

The 2 flat lying pegmatites have been exposed by extensive bulldozing. One pegmatite which overlies the other is about 30 feet thick. The lower is about 10 feet thick and the parting is 4 to 6 feet thick. The pegmatites appear to join at one end, northwestern of the cut. The pegmatites are exposed for 200 feet. Little muscovite in place was seen in the large exposures and because of the scarcity and poor quality the examiners recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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

December 17, 1956

RECEIVED
DEC 17 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-4532 (mica)

Applicant: Hall J. Smith

Name and Location of Property: Doe Hill Mine #3, Avery County, N. C.

Date of Field Team Report: 12/10/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 12/13/56

Field Team Recommendation: Recommend denial of application.

Comments:

1. Extensive bulldozing has exposed two flat-lying lenses of pegmatite.

2. Very little muscovite was observed in place by the field examiners.

3. The amount of mica observed is of poor quality.

Recommendation:

I concur with the recommendation of the field team that the application be denied.

W. F. Dietrich

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1, POST OFFICE BLDG.
KNOXVILLE 2, TENNESSEE

WASHINGTON 25, D.C.

RECEIVED DEC 17 1956

December 14, 1956

Memorandum

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

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

Subject: DMEA-4532 (mica) Hall J. Smith, Ingalls, N.C. Doe Hill Mine No.3, Avery County, N.C.

Reference is made to your letter of December 11, requesting comments on the allegation in the Applicant's letter of December 3.

The allegations are so ridiculous that it is difficult to comment on them, but we will attempt to answer them by paragraphs of his letter.

1. His statement that the field men denied his "loan" is incorrect. The field men, both Bureau and Survey, are careful to advise applicants that they only examine and report to Washington. However, it is only natural for the applicant to ask what their recommendation will be, and it would be difficult to avoid giving a direct answer. This is usually interpreted by the Applicant as final action, in spite of anything we or the field men tell them to the contrary.

2. Mr. Smith repeats a common misunderstanding of many mica miners, that as long as a prospect is on the same "lead" as other mines, it must be a godd one. The field examination report, which was sent to you on December 10, gives the reasons why denial was recommended, and we think they are sound reasons.

3. We doubt if Mr. Smith has talked to 75% of the miners in western North Carolina. Further, we doubt that more than 4 or 5% of them would say that there is partiality. We recognize that many who have been unsuccessful in getting approvals are disgruntled and that these persons may feel that they have been treated unfairly, but it is our observation that they represent only a small minority. Those who have already spent a considerable sum before applying are especially likely to be disgruntled if their application is denied.

4. As Mr. Mittendorf stated in his reply to Mr. Hall, the statement that John Phillips and associates "can get loans at any time or place" is obviously untrue. A quick check of our records (not confirmed for complete accuracy) shows that at least 50 applications of the Phillips group have been denied. According to Mr. Houk, approvals for the Phillips group have been only about 10% higher than the over-all average of approvals. That obviously negates the charge of partiality. It is natural that an active, well-informed group employing competent miners will submit applications on better prospects than the over-all average. Further, our records indicate that the Smith group has had four contracts approved out of five applications submitted-a much higher percentage than the Phillips group.

5. There may well be others besides Mr. Smith who want to make the same complaint. We have no information on this.

6. It is true that the Phillips group has had more contracts than any other single group, as they have also filed more applications than any other group. But they have not "gotten more loans than the whole western North Carolina district" as their total is less than 70 whereas 226 contracts have been approved for North Carolina thru October 1956 and most of these are in western North Carolina.

7. We agree with the field examiners on this point. Mr. Smith is entitled to his opinion and, of course, he may be right. We can only go by the geologic evidence as we see it and interpret it. We are always willing to have another look, if additional work by the Applicant discloses new evidence.

Robert A. Laurence

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

V. J. Lynch, Member
Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1025 POST OFFICE BLDG.
KNOXVILLE 2, TENNESSEE

WASHINGTON 25, D.C.

December 10, 1956

RECEIVED DEC 12 1956 D.M.E.A.

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Examination Report - DMEA-4532, Doe Hill No.3 Mine- Mica
Hall J. Smith, Three Mile, N.C. Avery County, N.C.

Transmitted are four copies of the subject examination report.

The Field Team concurs with the Examiners due to the scarcity and poor quality of the observed muscovite.

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

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

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Reviewed by
DMEA OPERATING COMMITTEE
12-14-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT, REGION V

On

DMEA-4532, DOE HILL NO.3 MINE
(mica)
Avery County, N. C.

By

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

and

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

Reviewed by
DMEA OPERATING COMMITTEE
12-14-56
(date)

November 28, 1956

Denial

FIELD EXAMINATION REPORT
On

DMEA-4532-Mica, DOE HILL No. 3 MINE, Avery County, N.C.

Applicant: Hall J. Smith, Three Mile, North Carolina

Summary

Two relatively barren, flat lying lenses of feldspathic fine to medium grained pegmatites have been exposed by extensive bulldozing. A few pieces of green, flat, stained mica were observed in muck. No further exploration is justified, therefore it is recommended that the application be denied.

Introduction

Location

The Doe Hill No.3 is approximately 300 feet southeast of, and at the same general elevation as the Doe Hill Mine (DMEA-3942) on Three Mile Creek, and 1.1 airline miles N 57° W from the bench mark on the crest of Doe Hill Mountain. It is 1.4 airline miles S 69½° W from the crest of Three Knobs. (NW 1/9, - Linville Falls. Quad. N.C. YVA., 1/24,000).

Examination

The mine was examined November 28, 1956, in the company of Mr. HallJ. Smith. One hour was spent on the examination. No facilities exist at the site. Water and electricity are nearby.

Geology

A large, wide, excavated area has exposed pegmatite. One trench trends N 30° W is 100 feet long, 10 to 15 feet wide, and a maximum of 40 feet deep below the original surface. The cut bottoms in the lowermost of two lenses.

Pegmatite and Country Rock

Two relatively barren, flat-lying pegmatite lenses appear to join at the northwestern end of the deep cut. The topmost pegmatite (overlying the thinner body) is about 30 feet thick, a fine-to-medium grained, feldspathic body and is exposed for a width of about 200 feet.

The lower body is 10 feet (+) thick and is separated from the upper body, (as seen in the lowest cut) by 4 to 6 feet of highly weathered and highly contorted mica schist and gneiss that is migmatized locally. The contacts are well defined.

The mineralogy of both bodies are about the same; they are composed of plagioclase, orthoclase, some small quartz lenses, sericite, and small muscovite.

Muscovite

Very little muscovite was observed in place in these large feldspathic bodies. A few pieces of muscovite 2 to 3 inches wide that is green, flat, and stained occur associated with small masses of quartz in the lower part on the northwest end of the deep cut. The majority, however, is crystals up to 1/4 inch wide. Besides the biotite staining, some pattern color staining is noted.

Conclusions

It is recommended that the application be denied because of the scarcity and stained quality of muscovite in what appears to be a large fine-to-medium grained feldspar deposit.

Examined: November 28, 1956

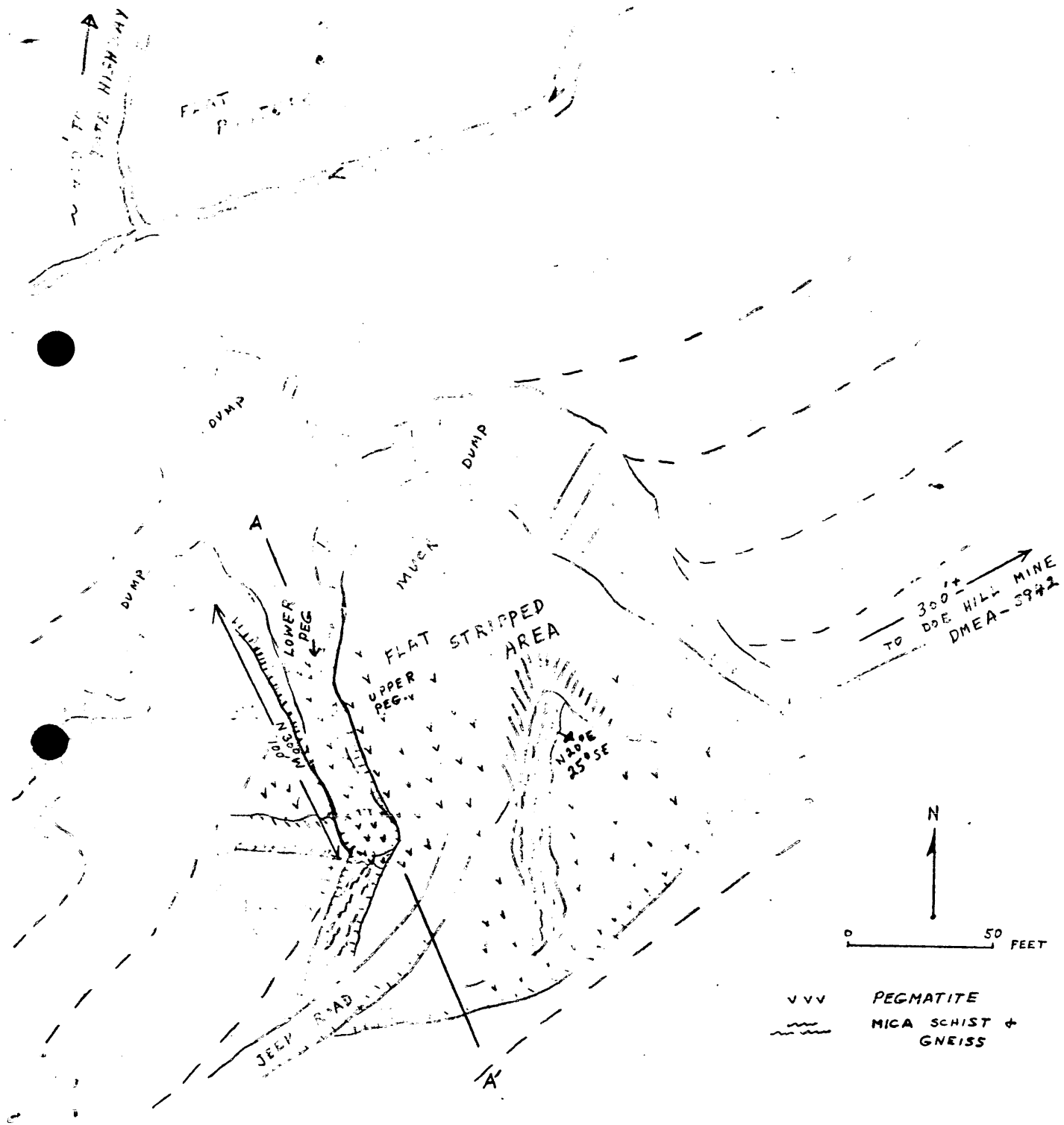
A. R. Taylor and S. C. Bergman, Geologists
U. S. Geological Survey

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

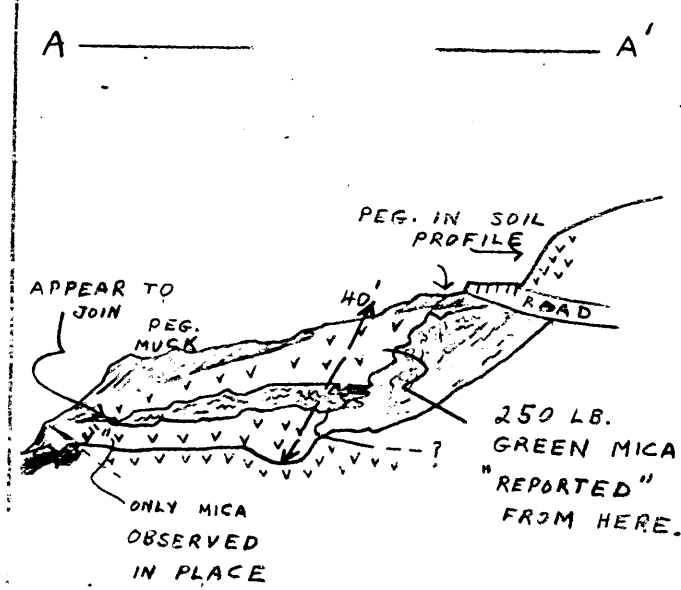
DOE HILL MINE NO. 3
DMEA - 4532 - (MICA)
AVERY CO., N.C.

H.J. SMITH : APPLICANT

EXAMINED : 11-28-56



SECTION THROUGH CUT (NO SCALE)



Docket Copy
Surname:

Houk
Dietrich
Hoffman
Selfridge

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

DEC 11 1956

Mr. Hall J. Smith

Three Mile, North Carolina

Re: Docket No. DMEA-4532-Mica
Hall J. Smith
Doe Hill Mine #3
Avery County, North Carolina

Dear Mr. Smith:

Reference is made to your letter of December 3, 1956, stating that DMEA field men, Region V, denied your loan, that you cannot understand why it was denied, and intimating that the examining engineers are showing partiality to certain individuals.

Please be advised that it is not within the delegation of authority of the field engineers to deny applications for exploration assistance. The field engineers examine the property, present the facts and make recommendations to Washington. The application and their examination report are analyzed and the decision is made by the DMEA in Washington to grant exploration assistance or deny the request. The merit of the property is the principal criterion in determining whether Government assistance is warranted. Since the report of examination has not been received, we are not in a position to advise you of our decision. When the report is received you will be advised accordingly.

Your understanding that John Phillips, Sam Phillips, F. O. Phillips, Frank Phillips, Ramey Beam, Sam Thompson, and S. L. Phillips "can get loans (exploration assistance) at any time or any place" is inaccurate. The records show their requests for exploration assistance have been denied on numerous occasions.

Your implication that partiality is being shown in granting exploration assistance in North Carolina does not appear to be justified. We have full confidence in the fairness and ability of our field men. However, since you have made a serious charge against them, we will make an investigation of your complaint. On completion of the investigation we will write to you again.

Sincerely yours,

C. O. Mittendorf
Administrator

LGHouk:gad 12/6/56
Copy to: Admr. R. File
Docket
Field Team, Reg. V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Operating Committee

R.S.S.

Docket Copy
Surname:

Houk
Selfridge
Johnson
Williams

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

DEC 11 1956

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

Re: Docket No. DMEA-4532-Mica
Hall J. Smith
Doe Hill Mine #3
Avery County, North Carolina

Dear Mr. Laurence:

Enclosed are two copies of a letter dated December 3, 1956, from Mr. Hall J. Smith and two copies of our reply of this date.

Please let us have your comments on his allegations.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

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

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

Enclosures 4

LGHouk:gad 12/7/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.G.

RECEIVED
DEC 4 1956
D.M.E.A.

Ingalls, N. C.
December 3, 1956

DMEA-4532

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

Dear Sir:

In regard to the Loan I applied for on the Doe Hill Mine No. 3 at Three Mile, North Carolina

On October 28, 1956 I filed my application for Exploration Assistance on the Doe Hill Mine No. 3 On November 28 the Fieldmen from the Bureau of mines from Asheville, North Carolina inspected my mine and denied me of my loan for reasons I do not know.

This property of mine joins the Sam G. Smith property of Doe Hill No. 1 also Doe Hill No. 2 which the government is supervision. I cannot understand why the loan was denied for all surveys show that the Doe Hill No. 3 mine has the same lead of mica of the other two mines have. During my bulldozzing from this mine I got some mica. It showed to be a good grade of clear mica.

My understanding from seventy-five per-cent of the miners of western North Carolina that there is partiality being used from the Fieldmen from the Bureau of mines at Asheville, N. C.

My understanding that John Phillips, Sam Phillips, F. O. Phillips, Frank Phillips, Ramey Beam, Sam Thompson, S. H. Phillips all of the District can get loans at any time or any place.

There have been several miners including myself that want the office of the Exploration of Assistance also the Department of The Interior Defense Minerals of Washington 25 D. C. to know how they feel about the Field Directors of The Bureau of Mines of Asheville, North Carolina.

I feel that the above men of this District have gotten more loans than the whole Western North Carolina District.

I feel that the Doe Hill No. 3 mine does have all the indications and as possibly good a chance for a good mine as the Doe Hill No. 1 are the Doe Hill No. 2

I hope this letter does not have any reflection on any one.

Yours very truly,

Hall G. Smith

Rough [illegible] shows.
[illegible] 53 a[illegible],
31 [illegible], 22 Bonds [illegible].
Pe[illegible] [illegible].
[illegible] 58% contracts 42% Denied + withdrawn
N.H. - 39% " 61% " "

3442
Doe Hill - contract - certification (good)
reserve 4673.000
4127 - #2 - contract (incomplete) looks good

file: DMEA-4532

Excerpt from Mr. Mittendorf's diary, 12/5/56:

A Miss Mallinson, of Senator Jonas' office (N.C.) phoned in connection with Doe Hill Mine No. 3, docket 4532.

In checking with Houk, I learned that we had just received a letter from the applicant in which he had criticized the field team for partiality in the treatment of applications. He said the field team had denied his application, which, of course, they did not do because we ourselves have not yet received their recommendations. He also accused us of being partial to Sam Phillips et al.

With this background in mind, I returned Miss Mallinson's call. I found her a very understandable and congenial person over the phone. She had received a letter from the applicant, written the same day as ours; however, it was cast in a somewhat different manner. He griped because the application had been denied and because we had shown partiality to certain people, although he did not name them. I told her he gave us the same criticism only that he named men that were shown favors. I repeated those names. All the persons cited by the applicant were very good friends of Congressman Jonas and his office personally wished to thank us for the assistance we had given these people.

Miss Mallinson was relieved to find that we were presently engaged in drafting a reply to the letter we received from him. She indicated that she might let the matter rest at that point.

Mr. Hall J. Smith
Three Mile, N. C.

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

5/56

12/5/56

Mr. Mittendorf:

Miss Mallinson, Cong. Jonas (N.C.)office,

wants to be called re application of
Hall J. Smith, Spruce Pine, N.C.
DMEA-
Doe Hill Mine No. 3

She read a long letter the gist of which was that he knows it's a good mine, but it was disapproved by the field men; that it is well known that the field men use partiality. He wants the Congressman to do something about it.

(His father is Sam G. Smith who owns Doe Hill No. 1 and Doe Hill No. 2 Mines.)

Mr. Houk has just drafted a reply to a letter from applicant complaining about the field team.

T. 190, X2263

Docket Copy
Surname:

Hopkins
Houk
Selfridge
Gordon
Mitchell

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

NOV 30 1956

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

Re: Docket No. DMEA-4532-Mica
Hall J. Smith
Doe Hill Mine #3
Avery 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 November 7 and 21, 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
(by esq)
Chairman, Operating Committee

Approved: Frank D. Lane
(by esq)
Member, Bureau of Mines

Thor H. Kiilsgaard
(by esq)
Member, Geological Survey

Enclosures 4

JHopkins:gad 11/28/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

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

NOV 30 1956

Mr. Hall J. Smith

Three Mile, North Carolina

Re: Docket No. DMEA-4532-Mica
Hall J. Smith
Doe Hill Mine #3
Avery County, North Carolina

Dear Mr. Smith:

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,

C. O. Mitterdorf

Administrator

JHopkins:gad 11/28/56
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

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

RECEIVED
NOV 21 1956
D.M.E.A.

November 21, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4532 (mica)

Applicant: Hall J. Smith

Name and Location of Property: Doe Hill Mine #3, Avery County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 11/5/56

Comments:

1. Applicant states he has located a mica vein on his property.

2. Prosposed exploration is not explicit and the estimate of expenditures should be made on a unit-cost basis.

3. Although it would be desirable for the applicant to furnish more complete information, it appears that a visit by an examiner would furnish more useful data.

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

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

IN REPLY REFER TO:

H

RECEIVED NOV 6 1956

November 7, 1956

Re: DMEA 4532
Hall J. Smith
Doe Hill Mine #3
Avery Co., N. C.
$5,109.00 - 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 doing 75 feet of tunnelling and 200 feet of drifting. Presumedly the work will cross cut to and drift in a pegmatite, but such is not said.

Referral of the application to the Field Team is recommended.

T. H. Kilsgaard
For: N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

November 5, 1956

Mr. Hall J. Smith
Three Mile,
North Carolina

Subject: DMEA-4532
Re: Exploration Assistance
Doe Hill Mine # 3

Dear Mr. Smith

Your application for exploration assistance, dated October 31, 1956 submitted to our office at Knoxville, has been assigned Docket Number DMEA-4532 and referred to the Nonmetallic Minerals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to:

Region V. Knoxville, Tennessee

Code 600

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED NOV 5 1956 D.M.E.A.

November 2, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region V

Subject: Application from Hall J. Smith, Three Mile, N. C.
Doe Hill Mine No. 3, Avery County, North Carolina

Enclosed are three copies of the subject application, received here today. We are keeping the fourth copy for our use.

Robert A. Laurence

Robert A. Laurence

Enclosures 3

M[illegible]-103
(Revised [illegible]pril 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED NOV 5 1956 D.M.E.

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. 4532
Metal or Mineral Mica
Date Received 11-5-56
Estimated Cost $ 5,109
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: Hall J. Smith, Three Mile, N. C.

(*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.

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U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

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 BEGINNING on a 7 inch walnut and runs south 40 east 94 feet to a 7 inch hickory; thence south 40 east 550 feet to a stake thence south 72 west 520 feet to a stake; thence north 30 west 500 feet to a stake; thence north 62 east 400 feet to BEG., cobtaining 5 acres.

(*b*) State any mine name by which the property is known. Doe Hill Mine #3 -Toe River Twp., Avery Co., NC

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner

(*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.

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. Have located mica vein-

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

(*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. Vein

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. Easily accessible-7 miles east of Spruce Pine, NC

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

16—66551-1

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

(*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. 75 ft. tunnelling-200 feet of drifting.

(*c*) The work will start within 30 days and be completed within 4 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. Several years

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.). See attached sheet for cost estimates.

(*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?

[X] Money [X] 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 October 31, 195 6

Hall J. Smith
(Applicant)

By

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

COST ESTIMATES

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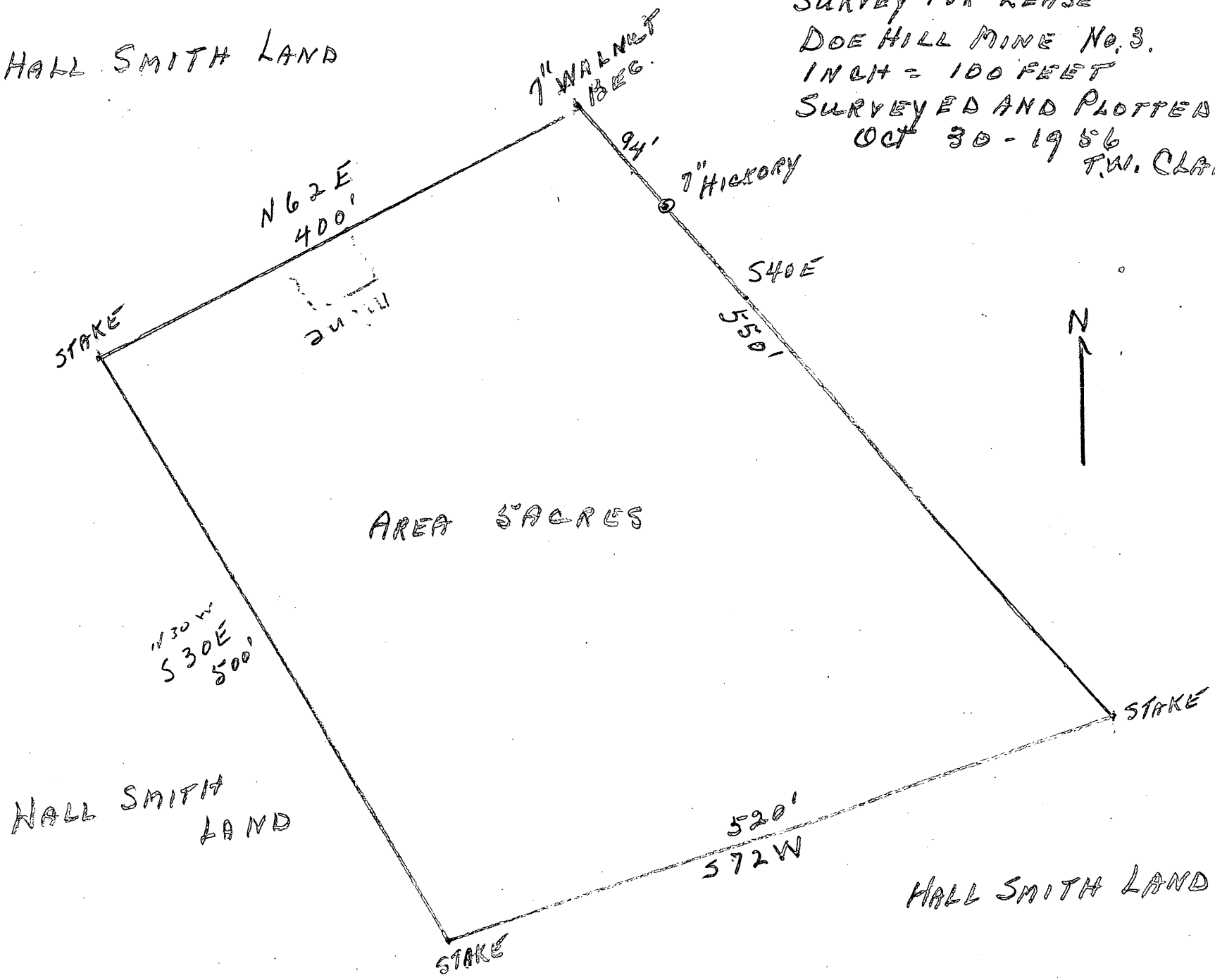
Rent on compressor-4 mos. @ $125	500.00
Drill, steel, jack	600.00
Dump car	100.00
Piping fixtures	75.00
Tracking	100.00
3 laborers -$1 per hr. 40 hrs week for 16 weeks	1920.00
Tool House	75.00
Cap House	15.00
Dynamite House	24.00
Gasoline & Oil	500.00
Repairs	200.00
Explosives	500.00
Contingencies	300.00
Bull Dozing	200.00
TOTAL	$5109.00

OK

75' tonnelling
200' Drifting

HALL SMITH - LAND
THREE MILE NC.
SURVEY FOR LEASE
DOE HILL MINE No. 3.
INCH = 100 FEET
SURVEYED AND PLOTTED
OCT 30 - 1956
T.W. CLAPP



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3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROO	
~~Geophysical~~ 53rd Interior	RUN / STOP		RUN / STOP
~~Mr. E. R. Jones~~ Room 4240 G S ~~Building~~	RUN / STOP		RUN / STOP
~~Mrs. Beard~~ ~~Room 5012 - Interior~~	RUN / STOP		RUN / STOP
~~Mr. Jones~~ ~~4240 GSA~~	RUN / STOP		RUN / STOP
~~Mr Lemmon~~ ~~Rm 4221~~	RUN / STOP		RUN / STOP
Mineral Deposit Branch Rm. 4242, GSA	RUN / STOP		RUN / STOP
~~J. Kirkpatrick~~ ~~5224 Interior~~	RUN / STOP		RUN / STOP
Mr. Hank 4453 Int.	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP

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