DOCKET COPY
Surname:
Anderson
Houk
Nelson
Bennington
Selfridge
Johnson

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

APR 13 1956

Mr. F. O. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-4164-Mica
F. O. Phillips
Wiseman Prospect
Avery County, North Carolina

Dear Mr. Phillips:

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,

C. O. Mittendorf

Administrator

WCAnderson:ms 4/11/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson
Admr. R. File

Nelson
Pennington

600

April 11, 1956

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Evaluation of Application and Field Examination Report

Docket No. DMRA-4164-Mica
F. O. Phillips
Wiseman Prospect
Avery County, North Carolina

Denial of application is recommended

Mica: Occasional small pieces of green muscovite

Pegmatite:
Only exposure is a 12-foot by 10-foot feldspathic-quartz boulder.

Old Workings:
None

Method of Exploring:
Applicant proposed to drive 25 feet of adit through country rock to reach pegmatite, then drift 50 feet.

Recommendation:
Because of the poor exposures and little evidence that a worthwhile deposit of strategic mica exists, the Field Team recommends denial. The Nonmetallic Minerals Division and the Commodity Members of the Geological Survey and Bureau of Mines concur.

Walter C. Anderson,
Nonmetallic Minerals Division

WCAnderson:ms 4/11/56
Copy to: Mr. Houk
Mr. Anderson
Admr. R. File

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

April 11, 1956

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Evaluation of Application and Field Examination Report

Docket No. DMEA-4164-Mica
F. O. Phillips
Wiseman Prospect
Avery County, North Carolina

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Walter C. Anderson

Walter C. Anderson,
Nonmetallic Minerals Division

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

RECEIVED
APR 3 - 1956

April 2, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4164 (mica)

Applicant: F. O. Phillips

Name and Location of Property: Wiseman Prospect, Avery Co., N. C.

Date of Field Team Report: 3/14/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 3/30/56

Field Team Recommendation: Recommend denial of this application.

Comments:

1. Feldspathic-quartz boulders with occasional green mica were observed on the surface.

2. Exposures at this mine are poor and give little evidence that a worthwhile deposit of strategic mica exists.

Recommendation: I concur with the field team's recommendation for denial.

W. F. Dietrich

W. F. Dietrich

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

RECEIVED
MAR 23 1956

March 22, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Field Examination Reports : DMEA-4164, F. O. Phillips
(mica) North Carolina and
DMEA-4188, C. L. Hicks, et al

Transmitted are four copies each of the subject reports by the Field Team.

The Field Team concurs with the Examiners that both the subject applications should be denied due to the lack of pegmatite structure in DMEA-4164, and due to the lack of continuity in the mica producing zone in DMEA-4188.

V. J. Lynch, Acting Executive Officer
DMEA Field Team, Region V

S. C. Bergman, Geologist
Geological Survey

ZM.
cc:
Lynch
Files
Shirley

Opr. Com.

Reviewed by
DMEA OPERATING COMMITTEE
3-30-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF FIELD EXAMINATION
FIELD TEAM, REGION V

On

DMEA-4164, WISEMAN PROSPECT
Avery County, N. C.
(mica)

By

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

A. L. Peyton, Mining Engineer
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
3-30-56
(date)

March 14, 1956

FIELD EXAMINATION REPORT
On

DMEA-4164, WISEMAN PROSPECT (mica)

Applicant: F. O. Phillips, Spruce Pine, North Carolina

Summary

Only one large boulder and several small ones outcrop. Some small scrap mica exists on the ground, only an occasional piece exists in place. No exploration is warranted. It is recommended that the application be denied.

General

Location:

The Wiseman Prospect is located 1.2 airline miles N 23° E of Hunter Chapel in the E-C section of the TVA, Spruce Pine, Avery County North Carolina, Quadrangle, 1/24,000, on the northern slope of Spruce Pine mountain 0.2 miles NW of highway 19E and south of the North Toe River.

Examination:

The mine was examined March 14, 1956, in the company of Mr. F. O. Phillips. One-half hour was spent on the examination.

Geology

The only pegmatite exposed is that of a feldspathic-quartz 12 ft by 10 ft boulder with several small ones. The prospect is about 30 ft upslope from the jeep road. The soil is brown with no country rock exposed.

Only an occasional small piece (1/2" wide) of green muscovite is exposed in the pegmatite boulders. Some very small pieces of mica exist on the ground surrounding the boulders.

No outcrops exist upslope, nor do any exist on the flanks of the Prospect.

Recommendations

No exploration is warranted. It is recommended that the application be denied.

Examined: March 14, 1956

A. R. Taylor

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

A. L. Peyton

A. L. Peyton, Mining Engineer
Bureau of Mines

z

IN REPLY REFER TO:

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

March 29, 1956

Re: DMEA 4164
F. O. Phillips
Wiseman prospect
Avery Co., N. C.
$2,500.00 - 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 doing work on a large boulder of feldspathic quartz, expecting, presumedly, to find the pegmatite of which it is a part.

The examiners found no exposed bedrock and only an occasional small piece (1/2" wide) of green muscovite.

The examiners and Field Team recommend denial of the application. I concur.

N. E. Nelson

N. E. Nelson

BUREAU OF MINES
WASHINGTON, D. C.
MAR 29 3 28 PM '56

DOCKET COPY
Surname:
Anderson
Houk
Kiilsgaard
Geehan
Selfridge
Fitzsimmons

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

FEB 27 1956

Mr. F. O. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-4164-Mica
F. O. Phillips
Wiseman Prospect
Avery County, North Carolina

Dear Mr. Phillips:

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. Mitteldorf (for)

Administrator

WCAnderson:ms 2/21/56
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

R.C.S.

DOCKET COPY
Surname:
Anderson
Houk
Selfridge
Johnson

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

FEB 27 1956

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

Re: Docket No. DMEA-4164-Mica
F. O. Phillips
Wiseman Prospect
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 February 10 and 13, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

The Wiseman Prospect covers an area of 1000 feet by 1000 feet. The applicant has not indicated the location of the proposed work in relation to the property lines. If a contract is recommended, it will be appreciated if the maps submitted with the examination report show a tie-in of the proposed work to a property line.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

/s/ Robert W. Geehan

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

Enclosures: 4

WCAnderson:ms 2/21/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

R.S.S.

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

RECEIVED
FEB 15 1956

February 13, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4164 (mica)

Applicant: F. O. Phillips

Name and Location of Property: Wiseman Prospect, Avery County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 2/9/56

Comments:

1. Applicant states this is a new prospect.

2. No data available in this office on this property.

3. From the limited information presented, it is difficult to determine if an exploration program is justified or if the proposed plan would be the best method of exploring this property.

4. 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

IN REPLY REFER TO:

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

RECEIVED
FEB 10 1956

February 10, 1956

Re: DMEA 4164
F. O. Phillips
Wiseman prospect
Avery Co., N. C.
$2,500.00 - 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 the Government to participate in 25 feet of adit and 50 feet of drifting on a pegmatite, the vein material of which " . . . outcropping along ground indicates that mica may be found by exploration."

See also Docket No. DMEA 4163 by the same applicant.

Referral to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

February 9, 1956
Subject: DMEA-4164
Re: Exploration Assistance
Wiseman Prospect

Mr. F. Q. Phillips
Spruce Pine, North Carolina

My dear Mr. Phillips:

The receipt of your application dated February 6, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4164 and referred to the Nonmetallic Minerals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
FEB - 8 1956

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. DMEA-4164
Metal or Mineral Mica
Date Received 2-8-56
Estimated Cost $2,500.00
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: F. O. Phillips
Spruce Pine, 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.

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 Maple tree beside a spring on the West side of the road and runs West 1000' to a stake; thence North 1000' to a stake; thence East 1000' to a stake; thence South 1000' to the beginning. This property 5 miles East of Spruce Pine on Highway #19.

(*b*) State any mine name by which the property is known. Wiseman Prospect

(*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. 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 sheet.

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

(*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.

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

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

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

(*c*) The work will start within 30 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. Now on file with DMEA.

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: See sheet.

(*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)? Yes. Will furnish required 25%.

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

[x] 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 February 6, 1956

F. O. Phillips
(Applicant)

By F O Phillips

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

RECEIVED
FEB - 8 1956

MF-103 (continuation sheet)

4. (a) Several years ago a small cut was made at this site, but no other work has been done.

(b) No past production.

(c) Vein material outcropping along ground indicates that mica may be found by exploration.

(d) Project is accessible to roads and shipping.

(e) Manpower, supplies and equipment available. Power is within 300 feet.

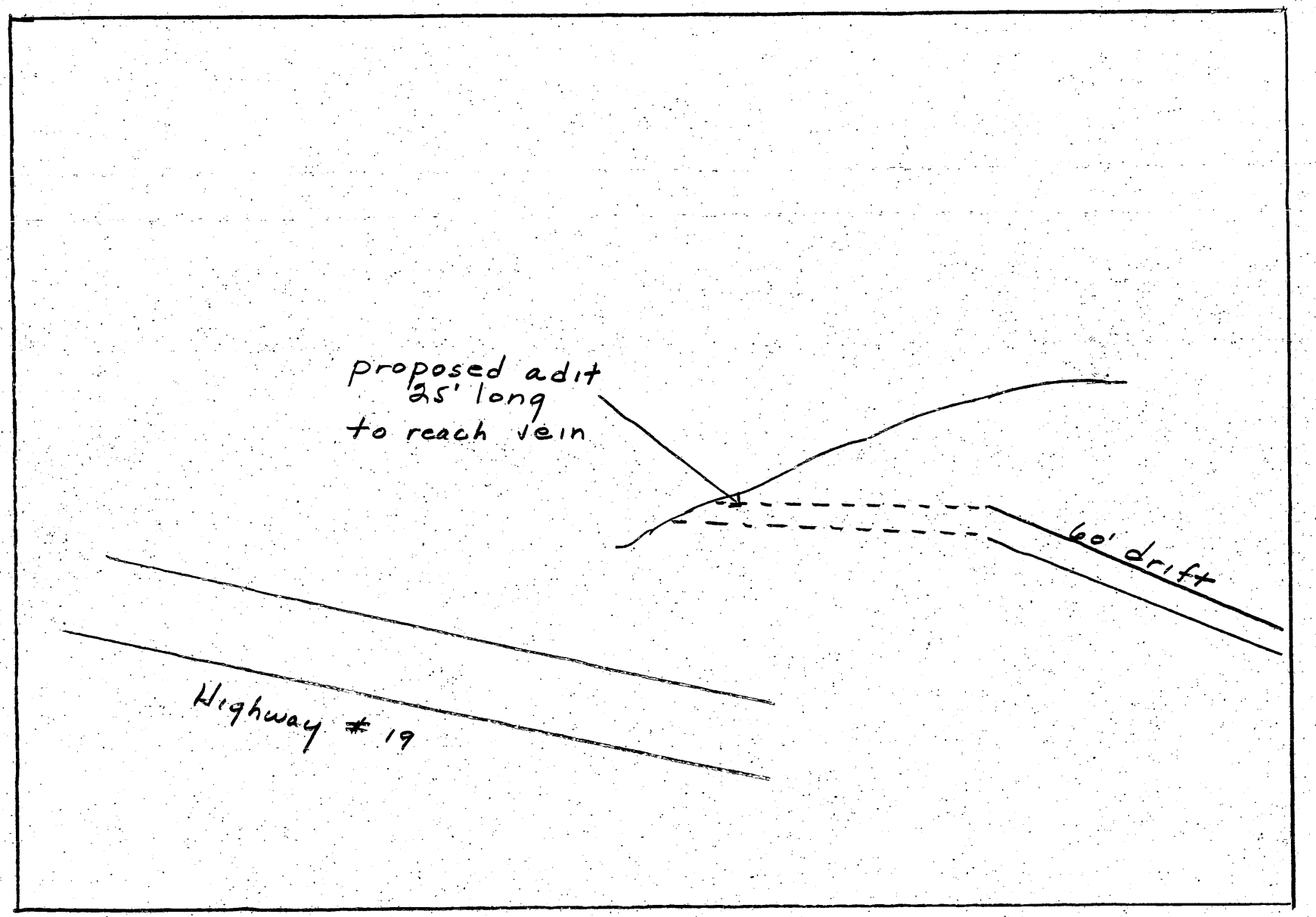
5. (b) We propose to run a 5'x7' adit 25 feet to reach pegmatite, then drift fifty feet.

6. Estimate of costs:

25' adit @ $30.00 per ft.	$ 750.00
50' drift @ $35.00 per ft.	1750.00
Total estimated cost	$ 2500.00

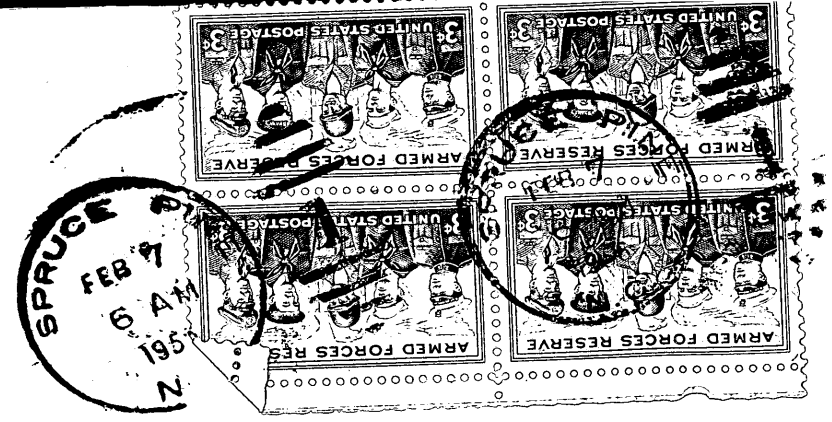
WISEMAN PROSPECT

Avery County
N. C.



RECEIVED
FEB - 3 1956

F. O. Phillips
Spruce Pine, N.C.



Mr. Lawrence G. Hawk, Chief
Nonmetallic Minerals Division
U. S. Dept. of the Interior, D.M.E.A.
Washington 25, D.C.