DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2664

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

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EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

Copies to USBM, USGS, and Region III.

To:	Code 400, Rm. 3538	Date	8-20-52
To:	Op Comm	Date	8-27-52
To:	Opw Com.	Date	12-29-52
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400

DEC 2 9 1952

2664

Mr. Nicholas C. Alde
1860 Roselawn Avenue
Stockton, California

Re: Docket No. DMEA 2664 - Tungsten
Nicholas C. Alde
Pickup Mine
Inyo County, California

Dear Mr. Alde:

Your request for exploration assistance and other reports concerning the Pickup Mine available to us in Washington have been carefully 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.

Our information, although noting the occurrence of scheelite on your property, indicates to us that the probability of disclosing new ore bodies by the proposed exploration program is not sufficiently promising to justify Government participation. We regret, therefore, to inform you that your application is denied.

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

As you requested in your application, the copy of U. S. Geological Survey Bulletin 931-A, Tungsten Deposits in the Sierra Nevada near Bishop, California, is returned herewith.

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge/ls 12/23/52

CC: Docket
Adm. Read. File
Field Team, Reg. 3
Oper. Committee
Code 400
D. M. Lemmon, USGS
R. W. Seehan, USBM

400

Administrator, DMEA

Dec. 23, 1952

Iron and Ferro-Alloy Division, DMEA

Denial of application for exploration assistance in the amount of $82,621.00
Docket No. DMEA 2664 - Tungsten
Nicholas C. Aldo
Pickup Mine
Inyo County, California

The denial of the subject application by this Division is based on the following information:

(1) The applicant proposed to extend the main adit 160 feet from point "A" to "B" as indicated on the sketch attached to the application. This work and some additional crosscutting was not shown on the above sketch but was completed prior to 1944 as indicated on a map prepared by Max P. Erickson, U. S. Geological Survey.

The remainder of the applicant's exploration program consisted of crosscuts, which were intended to explore the area outside of the known deposit. However, there is no geologic justification for this part of the program.

(2) Tungsten mineralization is present in a main tactite zone which has been explored by two adits, an inclined shaft, and several crosscuts.

(3) The field team report by C. D. Rinehart and D. C. Ross, U. S. Geological Survey, recommends denial of the application because of the applicant's proposal to explore where there is no geologic evidence of the presence of ore.

(4) The field team recommends denial.

(5) The Commodity Division of the U. S. Geological Survey concurs in the denial of the application.

FARutledge/ls 12/23/52
Admn. Read. File
CC: Docket
Code 400

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

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

Office of
Executive Officer
DMEA Field Team
Region III

Defense Minerals Administration
RECEIVED
DEC 12 1952

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

December 8, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2664 (Tungsten), Nicholas C. Aldo, Pickup Mine, Bishop, Inyo County, California

Reference is made to "Review of Application for Exploration Assistance," dated August 28, 1952, requesting a field examination of the subject mine.

In accordance with the request, the property was examined on October 2, 1952 by C. D. Rinehart and D. C. Ross, Geologists, U.S. Geological Survey and four copies of their report, entitled DMEA-2664, Pickup Claims, Inyo County, California (Chipmunk Tungsten Mine), dated November 18, 1952, are attached.

According to the examining geologists the deposit contains a small tonnage of marginal ore. The applicant, however, proposes to explore ground for which there is no geologic evidence of the presence of ore. They recommend, therefore, that the applicant's request for Government aid be denied.

The field team concurs with their recommendation.

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

Attachment
Copy to: E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada (with copy of report)

GCR
12/22/52

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2664, Pickup Claims

Inyo County, California

(Chipmunk Tungsten Mine)

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
DEC 11 1952

C. D. Rinehart, Geologist
D. C. Ross, Geologist
U. S. Geological Survey

November 18,1952

Introduction

The Chipmunk tungsten mine was examined on September 30, 1952 by C. D. Rinehart and D. C. Ross of the Geological Survey and on October 2, 1952 by C. D. Rinehart in the company of the owner, in connection with DMEA docket No. 2664. The owner of the property, Mr. N. C. Aldo, requested Government aid in a $51,261.00 exploration program.

The Chipmunk mine is in the Sierra Nevada, seven miles southeast of Bishop, California (NW corner of section 33, T. 7 S., R. 32 E), and is accessible by road from Bishop. To reach the mine go one mile east of the Bishop City Limits on West Line Street, turn left and after approximately two miles take the left fork and continue on this road to the mine.

The Pickup group of claims include the Chipmunk mine and was located in 1934 by C. W. Bretz, H. R. Grandison, and J. C. Everett. In March 1940 the claims were taken over by C. W. Fletcher and in 1952 N. C. Aldo purchased the property.

Most of the development work was done in 1940 when a partnership of N. C. Aldo, Parciot Edwaurd, and five others, operating as Tungsten Consolidated, leased the property. Two hundred tons of ore was mined in 1940 which yielded 100 units of WO_3. Aldo stated that 400 tons of ore was milled in 1942 by El Diablo Mine and Milling Company with a recovery of 1 percent WO_3. Ten tons of select ore was also milled by the Mineral Recovery Company of Glendale with a recovery of close to 10 percent WO_3. The mine is now idle.

The workings consist of a 370-foot main adit with a raise to the surface, a south adit consisting of 130-feet of workings, a 40-foot shaft (now water filled), a 17 foot inclined shaft, and an 8-foot open pit.

Geology

The area of the Chipmunk mine is underlain by metamorphic rocks, chiefly marble and hornfels, that have been intruded by quartz monzonite and granite. Small bodies of gabbro are present along the contact between the marble and the plutonic rocks.

Tactite occurs mainly along the southern portion of the eastern contact of the marble with the quartz monzonite. Smaller outcrops of tactite are at the contact between marble and quartz monzonite near the portal of the main adit, in the inclined shaft southwest of the main tactite body, and in the small open cut near the west end of the marble exposure. Tactite is exposed also in two places in the main adit along the contact between gabbro and marble. In the south adit the continuation of the main tactite body is exposed, as well as another body of tactite along the southeast contact between marble and quartz monzonite. The tactite is coarse grained and consists of garnet, epidote, pyroxene, quartz, calcite, and pyrite.

Scheelite is present in all of the exposed tactite bodies and commonly is coarse-grained and patchy. Only small amounts of scheelite are present in the outcrop near the portal of the main adit, in the northernmost exposure in the main adit, and in the open pit. The other tactite bodies, in part at least, contain enough scheelite to make ore.

Sampling

Chip samples of approximately five pounds each were cut in the scheelite-bearing tactite in the small open cut (two samples), the main adit (two samples), the inclined shaft, and the south adit (two samples). The location and assay results of these samples are shown on the geologic map (see plate 1).

Exploration

The applicant proposes to drive two crosscuts for a total of 650 feet and to make a 150-foot open cut. A 400-foot crosscut from the 8-foot open pit is proposed to extend northwest beneath an area of slope wash with no indication of tactite. The other crosscut is to be driven 250 feet east from the main adit beneath an area of no tactite exposure. The location of the proposed open cut is not given in the application. There is no geologic justification for the exploration proposed by the applicant.

Ore Reserves

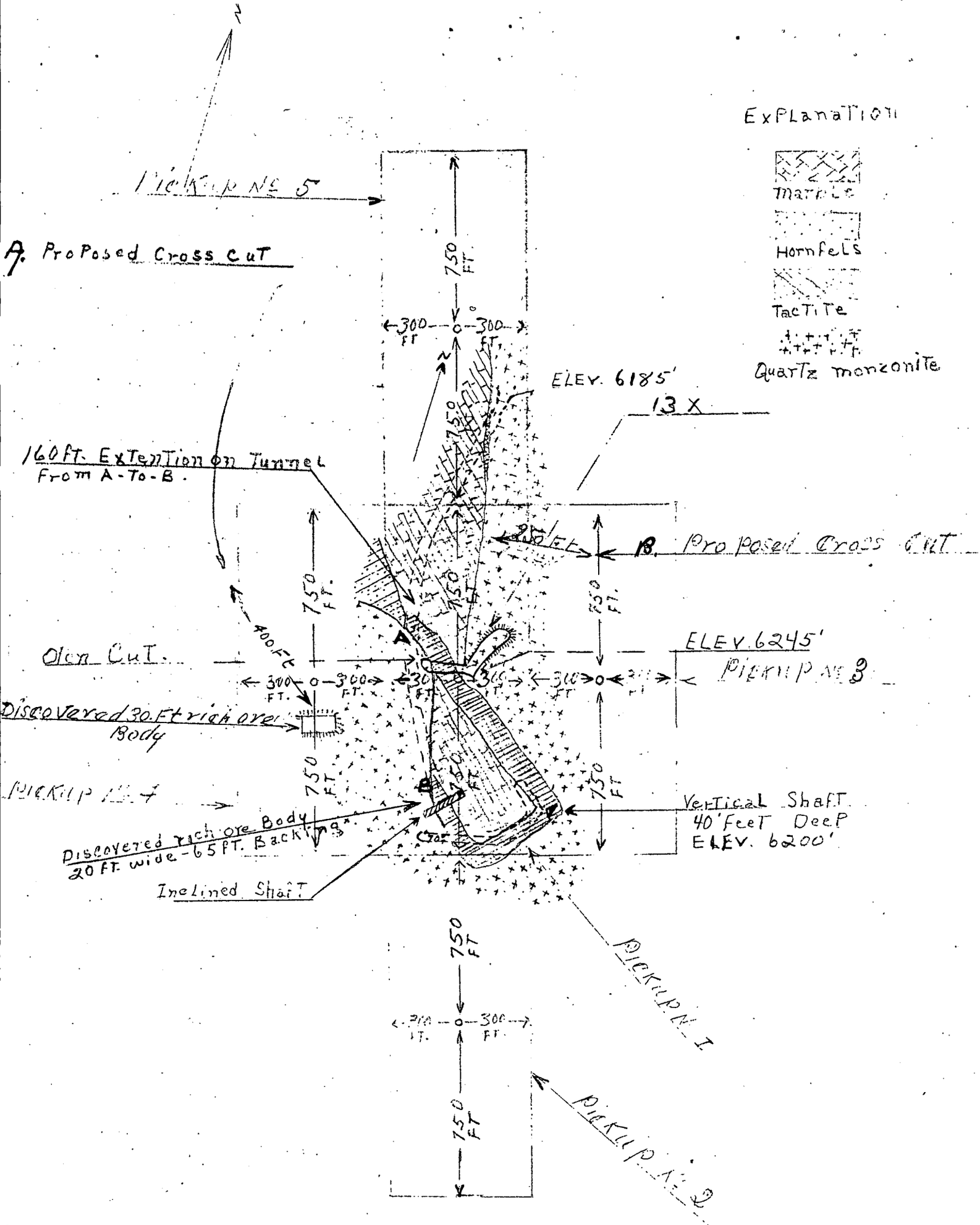
Erickson (1944) had calculated ore reserves from the main tactite body as well as from the smaller body exposed in the south adit. His calculations are 7500 tons of indicated ore with 4000 units of WO_3 in the main body and 1200 tons of inferred ore with 600 units of WO_3 in the smaller body exposed in the south adit.

An additional several hundred tons of ore is indicated in the area adjacent to the main adit and in the inclined shaft. The extension of the ore in the southernmost tactite exposure in the main adit as well as the extension of the ore in the inclined shaft may constitute a small tonnage. A small amount of ore may also be discovered along the contact between marble and quartz monzonite west of the main adit.

Conclusions

The exploration proposed by the applicant with an expenditure of $51,261.00 is not warranted on geologic grounds. A small tonnage of ore may be present in ground other than that proposed to be explored by the applicant, but the cost of exploration would not be commensurate with the expected reserves.

It is recommended that the applicant's request for Government aid be denied.



This is a copy of a map Taken from The U.S. Geological Survey Bulletin 931-E. Description of Proposed Operation, added By N. C. Aldo. July, 1, 1952.

400

IN REPLY REFER TO:
G-MD-CF

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

August 25, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, USGS

Subject: Exploration application $47,521 DMEA 2664 - Tungsten
Nicholas C. Aldo
Pickup Claims
Bishop, Inyo County, Calif.

The Pickup claims probably contain a little scheelite ore that could be mined profitably. The proposal made by Aldo, however, is overly expensive for any expectable target, and the proposed 650 feet of crosscuts are not aimed at good geologic objectives.

A detailed geologic map of the Pickup claims was made in 1944 by the Geological Survey under the supervision of Paul C. Bateman. This map suggests that some ore might be stoped from the old workings, but that there is not much chance of finding new ore-bodies by the work proposed.

I suggest that the docket be referred to the Field Team for review by Paul Bateman and, if necessary, for examination and sampling of the property. If the Field Team recommends further exploration on the property (despite what is known of Mr. Aldo's past operations), then a modified exploration proposal should be discussed with Aldo.

DMLemmon:gt

Copy retained 400

Mr. Nicholas C. Alde
1860 Mossdale Avenue
Stockton, California

Re: Docket No. DMEA 2664 - Tungsten
Nicholas C. Alde
Pickup Mine
Bishop, Inyo County, California

Dear Mr. Alde:

Your application for assistance in exploring tungsten occurrences at the Pickup Mine has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration and has been referred to Mr. E. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field review.

The Regional Office will contact you at an early date in regard to an examination of your property if they feel additional information is required. Any assistance that you can render the members of the field team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Acting Administrator

FARatledge:lm
8/26/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
O. C. Selfridge
F. A. Ratledge

Mr. Franklin N. Parks Atty
phoned Sept 11, 1952
want

Mr. Selfridge (For 400 file)

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA 2664

Commodity Tungsten

Total Amount $51,621.00

Govt. Participation $38,715.75

1. Name and Address of Applicant Nicholas C. Aldo, 1860 Roselawn Ave., Stockton, California

2. Location of Property Pickup Claims, Bishop, Inyo County, California. Located approximately 6 miles southwest of Bishop.

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good —

b) Poor ✓

c) None —

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project? —
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? ✓

b) MF-202? —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? —

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)*

See Lemmon's memo.

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? — If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is?

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No - unit estimates given only - no breakdown.
Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? —

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft. see MF-103

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft. See MF-103

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

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

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

d) Are the proposed wages and salaries reasonable? —

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? See enclosed memo by D. M. Lemmon, U.S.G.S. If applicant's proposal or alternalt plan is recommended by the Field Team, all data necessary to complete an Exhibit "A" for a contract should be obtained. MF-201 forms, Subordination Agreement" should also be obtained covering the lien against the property

Reviewed by: J. A. Ritly

Date 8-26-52

FILE COPY
SURNAME:

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

Selfridge
Rutledge
Hudson
Hodges
Fisel
Johnson

DEC 29 1952

Mr. Nicholas C. Alde
1860 Roselawn Avenue
Stockton, California

Re: Docket No. DMMA 2664 - Tungsten
Nicholas C. Alde
Pickup Mine
Inyo County, California

Dear Mr. Alde:

Your request for exploration assistance and other reports concerning the Pickup Mine available to us in Washington have been carefully 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.

Our information, although noting the occurrence of scheelite on your property, indicates to us that the probability of disclosing new ore bodies by the proposed exploration program is not sufficiently promising to justify Government participation. We regret, therefore, to inform you that your application is denied.

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

As you requested in your application, the copy of U. S. Geological Survey Bulletin 931-E, Tungsten Deposits in the Sierra Nevada near Bishop, California, is returned herewith.

Sincerely yours,

C. O. Mittendorf (for) J.H. 12-29-52

Administrator

FARutledge/ls 12/23/52

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

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Administrator, DMEA DATE: Dec. 23, 1952

FROM : Iron and Ferro-Alloy Division, DMEA

SUBJECT: Denial of application for exploration assistance in the amount of $51,621.00
Docket No. DMEA 2664 - Tungsten
Nicholas C. Aldo
Pickup Mine
Inyo County, California

The denial of the subject application by this Division is based on the following information:

(1) The applicant proposed to extend the main adit 160 feet from point "A" to "B" as indicated on the sketch attached to the application. This work and some additional crosscutting was not shown on the above sketch but was completed prior to 1944 as indicated on a map prepared by Max P. Erickson, U. S. Geological Survey.

The remainder of the applicant's exploration program consisted of crosscuts, which were intended to explore the area outside of the known deposit. However, there is no geologic justification for this part of the program.

(2) Tungsten mineralization is present in a main tactite zone which has been explored by two adits, an inclined shaft, and several crosscuts.

(3) The field team report by C. D. Rinehart and D. C. Ross, U. S. Geological Survey, recommends denial of the application because of the applicant's proposal to explore where there is no geologic evidence of the presence of ore.

(4) The field team recommends denial.

(5) The Commodity Division of the U. S. Geological Survey concurs in the denial of the application.

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

FILE COPY
SURNAME:

Selfridge
Crittenden
Rutledge
Gerken

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

Administrator, DMEA

Dec. 23, 1952

Iron and Ferro-Alloy Division, DMEA

Denial of application for exploration assistance in the amount of $32,621.00
Docket No. DMEA 2664 - Tungsten
Nicholas G. Aldo
Pickup Mine
Inyo County, California

The denial of the subject application by this Division is based on the following information:

(1) The applicant proposed to extend the main adit 160 feet from point "A" to "B" as indicated on the sketch attached to the application. This work and some additional crosscutting was not shown on the above sketch but was completed prior to 1944 as indicated on a map prepared by Max P. Erickson, U. S. Geological Survey.

The remainder of the applicant's exploration program consisted of crosscuts, which were intended to explore the area outside of the known deposit. However, there is no geologic justification for this part of the program.

(2) Tungsten mineralization is present in a main tactite zone which has been explored by two adits, an inclined shaft, and several crosscuts.

(3) The field team report by C. D. Rinehart and D. C. Ross, U. S. Geological Survey, recommends denial of the application because of the applicant's proposal to explore where there is no geologic evidence of the presence of ore.

(4) The field team recommends denial.

(5) The Commodity Division of the U. S. Geological Survey concurs in the denial of the application.

FARutledge/ls 12/23/52
Admn. Read. File
CC: Docket, Code 400

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Docket

STANDARD FORM NO. 64

COPY OF HAND-WRITTEN MEMO

Office Memorandum • UNITED STATES GOVERNMENT

TO : Geo. C. Selfridge

DATE: 12-22-52

FROM : Max D. Crittenden, Jr.

SUBJECT: IMEA - 2673 (tungsten)
2734 "
2664 "

dmsa 2664

I concur in the F.T. recommendation of denial in these 3 dockets.

Signed: MAX D. CRITTENDEN, JR.

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

Office of
Executive Officer
DMEA Field Team
Region III

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1952

December 8, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2664 (Tungsten), Nicholas C. Aldo, Pickup Mine, Bishop, Inyo County, California

Reference is made to "Review of Application for Exploration Assistance," dated August 28, 1952, requesting a field examination of the subject mine.

In accordance with the request, the property was examined on October 2, 1952 by C. D. Rinehart and D. C. Ross, Geologists, U.S. Geological Survey and four copies of their report, entitled DMEA-2664, Pickup Claims, Inyo County, California (Chipmunk Tungsten Mine), dated November 18, 1952, are attached.

According to the examining geologists the deposit contains a small tonnage of marginal ore. The applicant, however, proposes to explore ground for which there is no geologic evidence of the presence of ore. They recommend, therefore, that the applicant's request for Government aid be denied.

The field team concurs with their recommendation.

H. C. MILLER

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

Attachment
Copy to: E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada (with copy of report)

Reviewed by
DMEA OPERATING COMMITTEE
12-17-52
(Date)

RCB
12/22/52

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2664, Pickup Claims

Inyo County, California

(Chipmunk Tungsten Mine)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
DEC 24 1952

C. D. Rinehart, Geologist
D. C. Ross, Geologist
U. S. Geological Survey

November 10,1952

Reviewed by
DMEA OPERATING COMMITTEE
12-17-52
(date)

Introduction

The Chipmunk tungsten mine was examined on September 30, 1952 by C. D. Rinehart and L. C. Ross of the Geological Survey and on October 2, 1952 by C. D. Rinehart in the company of the owner, in connection with DMA Docket No. 2664. The owner of the property, Mr. N. C. Aldo, requested Government aid in a $51,261.00 exploration program.

The Chipmunk mine is in the Sierra Nevada, seven miles southeast of Bishop, California (NW corner of section 33, T. 7 S., R. 32 E), and is accessible by road from Bishop. To reach the mine go one mile east of the Bishop City limits on West Line Street, turn left and after approximately two miles take the left fork and continue on this road to the mine.

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Most of the development work was done in 1940 when a partnership of N. C. Aldo, Marciot Edwaurd, and five others, operating as Tungsten Consolidated, leased the property. Two hundred tons of ore was mined in 1940 which yielded 100 units of WO_3. Aldo stated that 40 tons of ore was milled in 1942 by El Diablo Mine and Milling Company with a recovery of 1 percent WO_3. Ten tons of select ore was also milled by the Mineral Recovery Company of Glendale with a recovery of close to 10 percent WO_3. The mine is now idle.

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Geology

The area of the Chipmunk mine is underlain by metamorphic rocks, chiefly marble and hornfels, that have been intruded by quartz monzonite and granite. Small bodies of gabbro are present along the contact between the marble and the plutonic rocks.

Tactite occurs mainly along the southern portion of the eastern contact of the marble with the quartz monzonite. Smaller outcrops of tactite are at the contact between marble and quartz monzonite near the portal of the main adit, in the inclined shaft southwest of the main tactite body, and in the small open cut near the west end of the marble exposure. Tactite is exposed also in two places in the main adit along the contact between gabbro and marble. In the south adit the continuation of the main tactite body is exposed, as well as another body of tactite along the southeast contact between marble and quartz monzonite. The tactite is course grained and consists of garnet, epidote, pyroxene, quartz, calcite, and pyrite.

Scheelite is present in all of the exposed tactite bodies and commonly is coarse-grained and patchy. Only small amounts of scheelite are present in the outcrop near the portal of the main adit, in the northernmost exposure in the main adit, and in the open pit. The other tactite bodies, in part at least, contain enough scheelite to make ore.

Sampling

Chip samples of approximately five pounds each were cut in the scheelite-bearing tactite in the small open cut (two samples), the main adit (two samples), the inclined shaft, and the south adit (two samples). The location and assay results of these samples are shown on the geologic map (see plate 1).

Exploration

The applicant proposes to drive two crosscuts for a total of 650 feet and to make a 150-foot open cut. A 400-foot crosscut from the 8-foot open pit is proposed to extend northwest beneath an area of slope wash with no indication of tactite. The other crosscut is to be driven 250 feet east from the main adit beneath an area of no tactite exposure. The location of the proposed open cut is not given in the application. There is no geologic justification for the exploration proposed by the applicant.

Ore Reserves

Erickson (1944) had calculated ore reserves from the main tactite body as well as from the smaller body exposed in the south adit. His calculations are 7500 tons of indicated ore with 4000 units of WO_3 in the main body and 1200 tons of inferred ore with 600 units of WO_3 in the smaller body exposed in the south adit.

An additional several hundred tons of ore is indicated in the area adjacent to the main adit and in the inclined shaft. The extension of the ore in the southernmost tactite exposure in the main adit as well as the extension of the ore in the inclined shaft may constitute a small tonnage. A small amount of ore may also be discovered along the contact between marble and quartz monzonite west of the main adit.

Conclusions

The exploration proposed by the applicant with an expenditure of $51,261.00 is not warranted on geologic grounds. A small tonnage of ore may be present in ground other than that proposed to be explored by the applicant, but the cost of exploration would not be commensurate with the expected reserves.

It is recommended that the applicant's request for Government aid be denied.

FILE COPY
SURNAME:

Rutledge
Mattes
Hedley
Lemmon
Johnson
Miller

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

AUG 28 1952

Mr. Nicholas C. Aldo
1860 Roselawn Avenue
Stockton, California

Re: Docket No. DMEA 2664 - Tungsten
Nicholas C. Aldo
Pickup Mine
Bishop, Inyo County, California

Dear Mr. Aldo:

Your application for assistance in exploring tungsten occurrences at the Pickup Mine has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration and has been referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field review.

The Regional Office will contact you at an early date in regard to an examination of your property if they feel additional information is required. Any assistance that you can render the members of the field team will be appreciated.

Sincerely yours,

cc

C. O. Mittendorf (for) 8/28

Acting Administrator

FARutledge'lm
8/26/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
F. A. Rutledge

Nov. 1, [illegible]

Docket
J.H.R.
Martin
Nichols

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

AUG 28 1952

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

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant Nicholas C. Aldo

Docket No. DMEA 2664

Commodity Tungsten

Amount $ 51,621.00

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

H. Miller

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

C. W. Johnson
Member, Bureau of Mines

D. M. Lemmon
Member, Geological Survey

13759

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 2664

Commodity Tungsten

Total Amount $51,621.00

Govt. Participation $38,715.75

1. Name and Address of Applicant Nicholas C. Aldo, 1860 Roselawn Avenue, Stockton, California

2. Location of Property Pickaro Claims, Bishop, Inyo County, California. Located approximately 6 miles southwest of Bishop.

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor XX

c) None

d) Don't know—needs field examination XX

e) Is there an alternative and favorable project? ——
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? ——

Does the lease have sufficient time to run to cover a future productive period? ——

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? No

b) MF-202?

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? ——

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* See Lemmon's memo.

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? —— If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is?

Is this part a worthwhile exploration project? ——

d) Are the cost estimates detailed? No, unit estimates given only - No breakdown.

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? ——

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes/ (See MF-103) If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft. See MF-103.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

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

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

d) Are the proposed wages and salaries reasonable? ——

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? ——

c) Reasonable? ——

d) Field check needed? ——

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? See enclosed memo by D. U. Lemmon, USGS. If applicant's proposal or alternate plan is recommended by the field team, all data necessary to complete an Exhibit "A" for a contract should be obtained. US-201 forms, Subordination Agreement should also be obtained covering the lien against the property.

EARutledge:lm
8/26/62

Reviewed by: E. A. Rutledge

Enclosures:

2 - Copies Memorandum by D.U.Lemmon, USGS, dated August 25, 1952

Date 8/26/52

IN REPLY REFER TO:

G-MD-CF

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

August 25, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, USGS

Subject: Exploration application $47,521 DMEA 2664 - Tungsten
Nicholas C. Aldo
Pickup Claims
Bishop, Inyo County, Calif.

The Pickup claims probably contain a little scheelite ore that could be mined profitably. The proposal made by Aldo, however, is overly expensive for any expectable target, and the proposed 650 feet of crosscuts are not aimed at good geologic objectives.

A detailed geologic map of the Pickup claims was made in 1944 by the Geological Survey under the supervision of Paul C. Bateman. This map suggests that some ore might be stoped from the old workings, but that there is not much chance of finding new ore-bodies by the work proposed.

I suggest that the docket be referred to the Field Team for review by Paul Bateman and, if necessary, for examination and sampling of the property. If the Field Team recommends further exploration on the property (despite what is known of Mr. Aldo's past operations), then a modified exploration proposal should be discussed with Aldo.

D. M. Lemmon

Copy retained 400.

Mr. Nicholas C. Aldo
1860 Roselawn Avenue
Stockton, California

Subject: DMEA-2664
Re: Exploration Assistance
Pickup Mine
August 20, 1952

My dear Mr. Aldo:

The receipt of your application dated August 11, 1952, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2664 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-2664 in any future correspondence relating to your application.

Sincerely yours,

SIGNED

Wingfield Chamberlain
Acting Chief, Operation's
Control and Statistics Division

25451

"W. R. LABORATORIES"

MAIN OFFICE—LODI (1), CALIF. PHONE-~~1256~~ 94638 639 E. LOCKEFORD ST.

RESEARCH -:- MINERAL -:- METALLURGY -:- CHEMICALS -:- PATENTS -:- MANUFACTURING

August 15th, 1952.

Defence Mineral Exploration Adminstration,
United States Dept of Int.
Washington, D.C.

Gentlemen:

Mr. N.C.Aldo engaged my services as Consulting Engineer for the exploration of the Chipmunk Properties,for which he is now applying for a development loan.

I have spend the year 1942 and 1943 in the Bishop District at which time I was engaged as engineer in charge for the California Tungsten Milling & Mining Co. at Bishop Calif. At this time I became well aquainted with Mr. Aldo and his qualification as a Mine Operator, who was then General Manger in charge of the Calif. Tungsten Milling and Mining Co.

I can fully endorse Mr. Aldo as being a very capable, economical and efficient manger and well qualified in the mining & milling of tungsten ore.

Regarding the Chipmunk Property, I had the pleasure of examining this property, and find it worthy of an immediate explanation program. I feel confident that it should develop into one of the Major Tungsten Producing Mines of this district.

Respectfully yours,

W. R. Woock, M.E.

WRW/ret

MASTER BUILDERS SUPPLY COMPANY

All Metal Weather Stripping

Sound-proofing and Insulating Materials

N.C.Aldo 1860 Roselawn Ave. Stockton,Calif;

August,15,1952.

Defence Mineral Exploration Administration,
United States Dept. of Interior,
Washington,D.C.

Gentlemen:

Enclosed please find the application for the Exploration Loan,with the A.V.Herr report, and the U.S.Bulletin,(see Page 100) for information on the Chipmunk Mine,and the W.R.Laboratories recommendation.

(return)

The U.S.Geological Bulletin is the only article I wish to have returned. Thanking you in advance, I remain.

very truly yours,

N. C. Aldo

N.C.Aldo

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. DMEA-2664
Metal or Mineral
Date Received 8-20-52
Estimated Cost
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: Nicholas C.Aldo
1860 Rosalawn Ave.
Stockton,Calif;

(*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 Pickup Group of Mining Claims. Pickup No. I, Vol 46 - Page 205, Pickup No.2, Vol 46 - P.205,Pickup No.3, Vol 52 - P.21, Pickup No.4, Vol 52 - P.22, Pickup No.5, Vol 52 - P.67. All recorded at Hall of Records, Independence, Inyo County,California.

(*b*) State any mine name by which the property is known. Pickup Mine formerly known as Chipmnk Mine.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise I am sole 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 On exicution of contract form MF-200,the balance of $1,500.00 will be payed,by the owner.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See parpgraph3(a).

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.

(*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. 6 miles west of Bishop,everything available, road in fair condition.

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

Everything is available.

16—66551-1

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

(*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 N.C.Aldo map.

(*c*) The work will start within 5 days and be completed within 24 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: See cost 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 See cost breakdown sheet.

(*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. See breakdown xost sheet.

(*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. See itemized equipment list.

(*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. See cost breakdown s.

(*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. See cost breakdown sheet.

(*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.

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

[X] Money [X] Use of equipment owned by you [X] Other

Explain in detail on acompanying paper. See equipment list.

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 Aug 11, 1952

(Applicant)

By N. C. Aldo

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

3. (d) I, N.C.Aldo , have 30 years experience as mine technician. In 1940 to 1944, I operated as general superintendent for the California Tungsten Mining & Milling Co. The operation and Productions were conducted satisfactory.

4. (a) In 1940 I obtained a lease of this property, built a road, and did developement work. In 1942 El Diablo Mine & Milling Co., milled 400 ton of ore from this property for me as a mill test, and the recovery was 1% WO3. I also shipped about 10 ton select ore to Mineral Recovery Co., Glendale, California, and the recovery was close to 10% WO3. No other ore has been mined from this property since. In 1944 Metal Reserve, canceled all the contracts, so it was necessary to cease operation. I was lessee until 1949, and on June, 21, 1952 I purchased this property outright.

Gentlemen:

I am asking for this Exploration Loan, because this property will develope into a real good mine.

The important thing to do is open up the additional ore shoots, retimber the old tunnel, and recondition the road, then this property will be ready for a large, and long production.

Thanking you in advance, I remain.

very truly yours,

N. C. Aldo

N.C.Aldo

COST BREAKDOWN SHEET FOR EXPLORATION

A	400 ft. cross-cut 6'x8' and timber @ $33.00 ----------	$13,200.00
B	250 ft. cross-cut 6'x8' and timber @ $33.00 ---------	8,250.00
C	150 ft. open surface cut @ $5.00 ---------- -----	750.00
D	Road work improvement ----------	2,500.00
E	Lumber for compressor room, tool room & blacksmith shop	2,000.00
F	Labor for compressor, tool and blacksmith rooms ------	1,000.00
G	Recondition & timbering old tunnel 162ft. @ $8.00 ---	1,296.00
H	2500 ft. rail & switches 12lb.- 15 ton @ $225.00 ---	3,375.00
I	3 - ore dump cars -@ $200.00 ----------	600.00
J	Water pipe 500 ft. one inch @ .20 ----------	100.00
K	500 ft. of two inch pipe @ .40 ----------	200.00
L	2 - Drifters complete with set steel & bits ---------	1,250.00
M	Miscellaneous tools for shop ----------	1,500.00
N	Reserve labor fund ----------	5,000.00
O	One truck to haul material etc. ----------	3,000.00
P	Operating Fuel ----------	2,000.00
Q	Engineer fees (consulting), and geological maping ----	1,500.00
	Total -----	$47,521.00

Standardized equipment on hand to be used on project.

210 cu.ft. Gardner Denver Compressor (portable), Including 2 jack hammers 1. stoaper, air and water hose ----------	$2,000.00
1 - Pickup, 1952 Dodge ----------	2,100.00
Total -------	$4,100.00

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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Not to be filled in by applicant

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Metal or Mineral
Date Received 8-20-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

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(*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.

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16—66551-1

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Explain in detail on acompanying paper. See equipment list.

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Dated Aug 11, 1952

N. C. Aldo
(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

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very truly yours,

N. C. Aldo

N.C.Aldo

COST BREAKDOWN SHEET FOR EXPLORATION

A	400 ft. cross-cut6'x8' and timber @ $33.00 ----------	$I3,200.00
B	250 ft. cross-cut 6'x8' and timber @ $33.00 ---------	8,250.00
C	I50 ft. open surface cut @ $5.00 ----------	750.00
D	Road work improvement ---------- See next page; $800 ----------	2,500.00
E	Lumber for compressor room, tool room & blacksmith shop	2,000.00
F	Labor for compressor, tool and blacksmith rooms ------	I,000.00
G	Recondition & timbering old tunnel I622t. @ $8.00 ---	I,296.00
H	2500 ft. rail & switches I2lb.- I5 ton @ $225.00 --- (812' 10 Tons)	3,375.00
I	3 - ore dump cars -@ $200.00 ----------	600.00
J	Water pipe 500 ft. one inch @ .20 ----------	I00.00
K	500 ft. of two inch pipe @ .40 ----------	200.00
L	2 - Drifters complete with set steel & bits ---------	I,250.00
M	Miscellaneous tools for shop ----------	I,500.00
N	Reserve labor fund ----------	~~5,000.00~~
O	One truck to haul material etc. ----------	3,000.00
P	Operating Fuel ----------	2,000.00
Q	Engineer fees (consulting), and geological maping ----	I,500.00
	Total ----	$47,52I.00

Standardized equipment on hand to be used on project.

2I0 cu.ft. Gardner Denver Compressor (portable), Including 2 jack hammers I. stoaper, air and water hose ----------	$2,000.00
I - Pickup, I952 Dodge ----------	2,I00.00
Total -------	$4,I00.00

N. C. Fields

51,621.0

"CHIPMUNK TUNGSTEN MINES"

- P R O S P E C T U S -

The "Chipmunk" Tungsten Mines are situated in Chipmunk Canyon on the eastern slope of the Sierra Nevada Mountains, at an elevation of 5,480 feet, about five miles south-westerly from Bishop, Inyo County, California, in the center of a proven tungsten producing district and is, unless unprescedented snows should accumulate, accessable throughout the year.

The "Chipmunk", commonly called "The Pickup Group", consists of four claims; "Pickup", Pickup Number Two", Pickup Number Three" and "Pickup Number Four". Large ore bodies have been exposed on "Pickup" and discoveries have also been made on Pickups Numbers Two and Three.

The property was purchased about two years ago from Sam W. Looney, Chas. W. Bretz and Harvey Grandison (locators) by Tex Woodward Ritter and C. W. Fletcher. Considerable development work has been done by the purchasers and several massive ore bodies have been exposed. These ore bodies vary in width, of course, one exposure being about 18 feet in diameter; another about 14 feet; still another 3 feet, another about seven feet and another whose width is yet unexposed. Assays have proven that the ores are of exceptionally rich value, assaying from .83% WO3 to 6.7% WO3 across full faces of exposed veins. It can be conservatively estimated that an average of all the ores will excede a content of 2% WO3. In fact, the sulphide ores, of which there is considerable, has exceeded 13% WO3 by selected assays.

Ore bodies are confined between lime and Granite contacts, (as is true of all producing mines in the district) the values being found in garnetite, epidote, garnitic-epidote, quartz and iron sulphides, and sometimes permeating the schists which form the "gouge" between garnetite and granite bodies.

A road now completed reaches within about one-half mile of the workings and this road could be extended to the tunnel adit at a cost of approximately $800. or less.

PROSPECTUS

Completed development work consists of a shaft, some 40 feet in depth, which has been sunk beside the main ore body. Because of difficulty in drilling through garnetite and epidote, with hand tools, this shaft was sunk in shist, quartz and iron sulphide, all of which carried some sheelite values. However, water developed in the shaft at a depth of about 30 feet and the intent of crosscutting the vein at a depth of fifty feet was abandoned. Fortunately, a working tunnel driven at the base of the hill, for a distance of approximately 200 feet, will not only serve to drain the workings but will also (providing the ores reach to the tunnel level) make available about 150 feet of "backs", permit of the ores being "broken down" and add water necessary to operate the mill.

Other development work exposes a body of ore at the apex of the outcrop. This body has been "faced" and consists of 18 feet of garnetite and epidote, assaying 1.83% WO3 across the full face.

A recently completed incline shaft was made on the south-west contact in virgin ground and seems to have exposed the main ore body. At a depth of about 12 feet a crosscut was started and, to date, exposes a vein of exceedingly rich sheelite ore to a width of about 12½ feet. This crosscut, however, is not yet completed: samples from across 9 feet were taken, assaying 6.7% WO/3.

At the base of the discovery outcrop a tunnel was driven through the garnet vein (a width of about 12 feet) and was made to follow an intersecting vein for a distance of about 30 feet. This vein has not yet been crosscut, but consists of garnetite, epidote and sulphide of iron, carrying good values. In all there are five exposures of ore and three separate and distinct veins or ledges carrying exceptionally good tungsten values.

According to estimates of different Mining Engineers, (among them Mr. Lemon of the U.S.G.S., who made a survey of the property), there is now available, for immediate milling, between 15,000 and 40,000 tons of 1.50% WO/3 ore, which, because of massive bodies, can be mined at a very low cost. This makes no provision for ores

as yet unexposed but thought to be contained on lower levels.

Salient factors which make the owners confident that these claims can be operated at great profit are:

1. Accessibility of the property.
2. Cheap extraction.
3. Consistency of permeation of values in garnet, epidote and irons.
4. Nearness of electric power lines (one and one half miles).
5. Availability of water for milling purposes (on property).
6. Rising tungsten market and number of prospective buyers.
7. Other big producing mines in same district, etc.
8. Most massive bodies of ore in the district are herein contained.

The owners are willing and anxious to put this property among the successful producers of tungsten in the district; either by an outright sale or by promoting the capital necessary to erect a mill and extract the sheelite values which have been proven. Futhermore, the owners are willing and anxious to make reasonable sacrifices toward consummating a deal which would prove beneficial to all concerned. They have good money invested in this property and this investment was made long before the advance in prices of war materials. And they are willing to share profits in a reasonable "gamble". Should a responsible person or persons wish to acquire title to this property, the owners are willing to negotiate a fair and reasonable "Bond and Lease", wherein the values of the ores may be extracted as a means of meeting the terms of the purchase agreement. Under the terms of this agreement, however, the primary or "downpayment" must be sufficiently large to assure good faith on the part of the purchaser.

As an alternative to an outright sale of the property, the owners are willing to operate the mine, providing capital can be raised to finance them. This, of course, means the erection of a mill, the purchase of a Separator, crushers, compressor, jackhammers, cars, rails, tools and transportation equipment. Payment for such necessities could be guaranteed: Wither by a lien against such equipment and mill concentrates or by the relinquishment of a share in the properties and profits therefrom.

Having the utmost confidence in the value of the "Chipmunk Mining Properties, the owners are willing to share profits and gamble that this will be one of the district's greatest producers.

P R O S P E C T U S

NO ORE NO PAY is their Slogan.

Following are some tabulations demonstrating profit possibilities.

T A B U L A T I O N

DEBIT

Road construction	$ 800.00
Acquiring of electric power	700.00
Development of working tunnel	1,200.00
Compressor, hammers, steel, etc.	1,800.00
Car, rails, bins and hoists	600.00
Mill and crushers, tables, etc. (50 tons daily cap.)	15,000.00
Incidentals, truck, timbers, etc.	2,000.00
Total.....	$ 22,100.00
Cash for payrolls, construction, etc.	2,500.00
Grand Total.....	$ 24,600.00

POTENTIAL CREDITS

30,000 tons of ore now available and exposed, assuming lowest possible WO/3 content of 1%, at five dollars per unit lower than present tungsten prices, and which can be contracted for long term at $20.00 per unit.....	$ 700,000.00
Costs per ton for milling, inclusive of original investment in equipment @ $6. per ton.	210,000.00
Profits from milling present conditions for a period of two years, for which we now have sufficient ore available.	$ 490,000.00

Daily output schedules, irrespective of ores of more than 1% WO/3 planned on one unit per long ton and valued 20% below present market value.

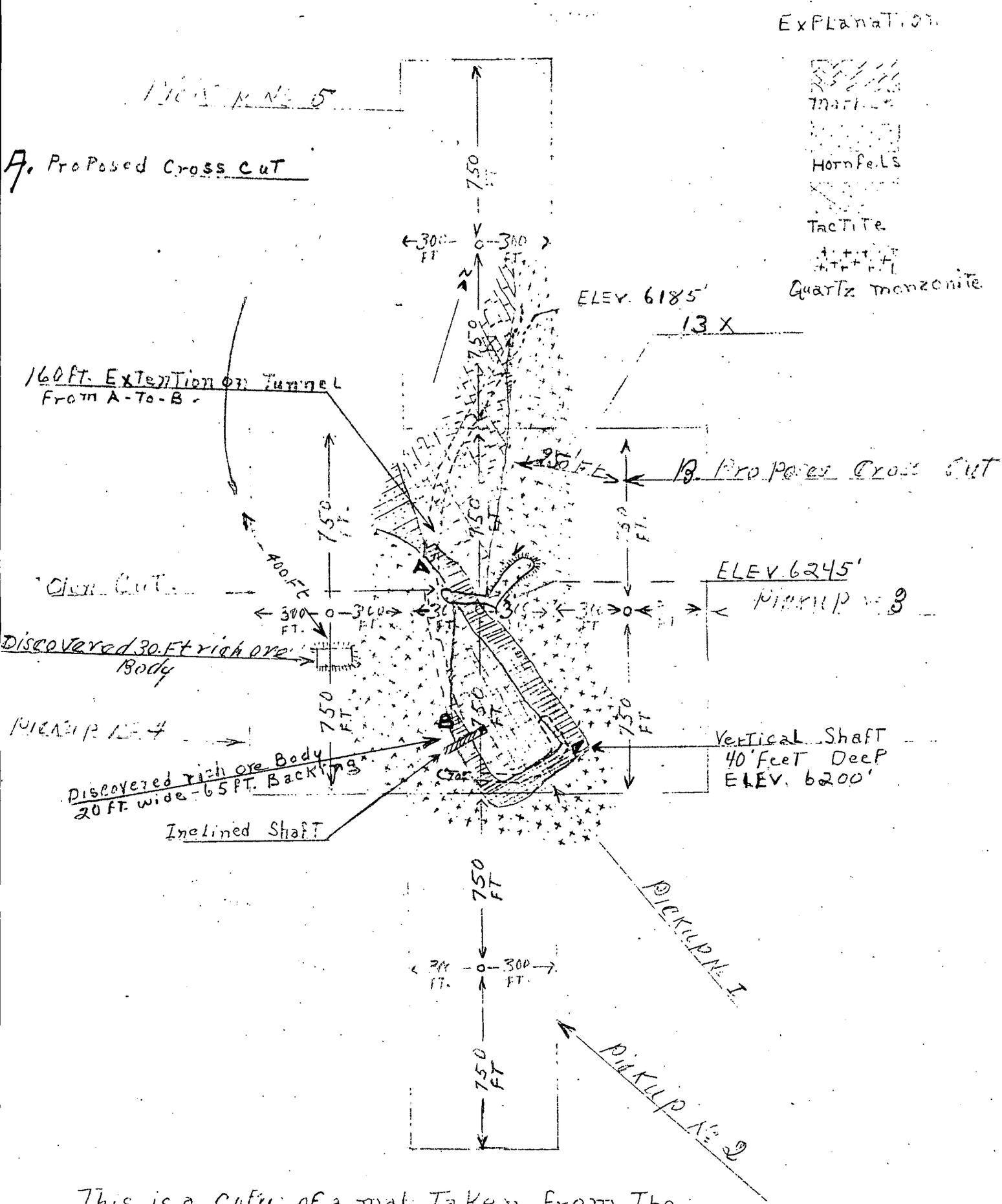
Fifty tons daily at 20 dollars per ton	$ 1,000.00
Cost of mining and milling $5. per ton	500.00
Net profit per day	$ 500.00

Actual figures, however, would seem to indicate that not only will the ores average much better than 1% WO/3, but the costs of mining, milling and extraction should not exceed $3.50 per ton. If so, possible earnings will exceed $1,000. daily.

This is a true copy of the report made by A. V. Herr, Geologist and Chemist.

Laboratory:
5176 Hollywood Blvd.,
Hollywood, California.

A. V. Herr



This is a copy of a map Taken from The U.S. Geological Survey Bulletin 931-E. Description of Proposed operation, added By N. C. Aldo. July, 1, 1952.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1012 Flood Building
870 Market Street
San Francisco 2, Calif.

OFFICIAL BUSINESS

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

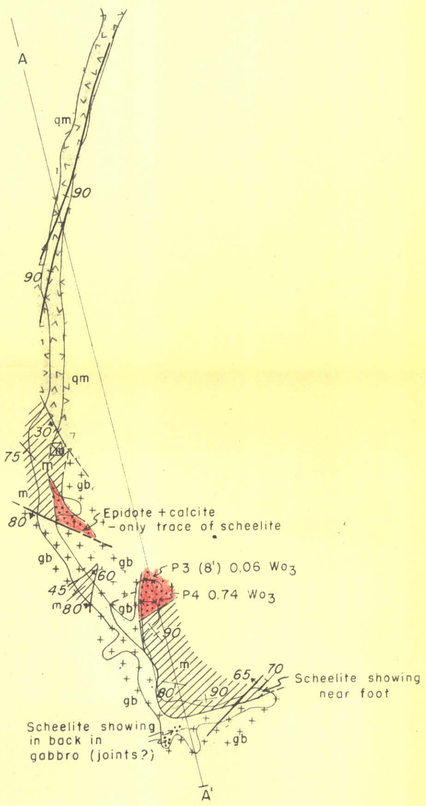
SAN FRANCISCO, CALIF.
AM 8 15
730 PM
1952
S. PINCON AVE.

Operating Committee
Defense Minerals Exploration Administration
Interior Building
Washington 25, D. C.

FIRST CLASS

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 2664
TUNGSTEN



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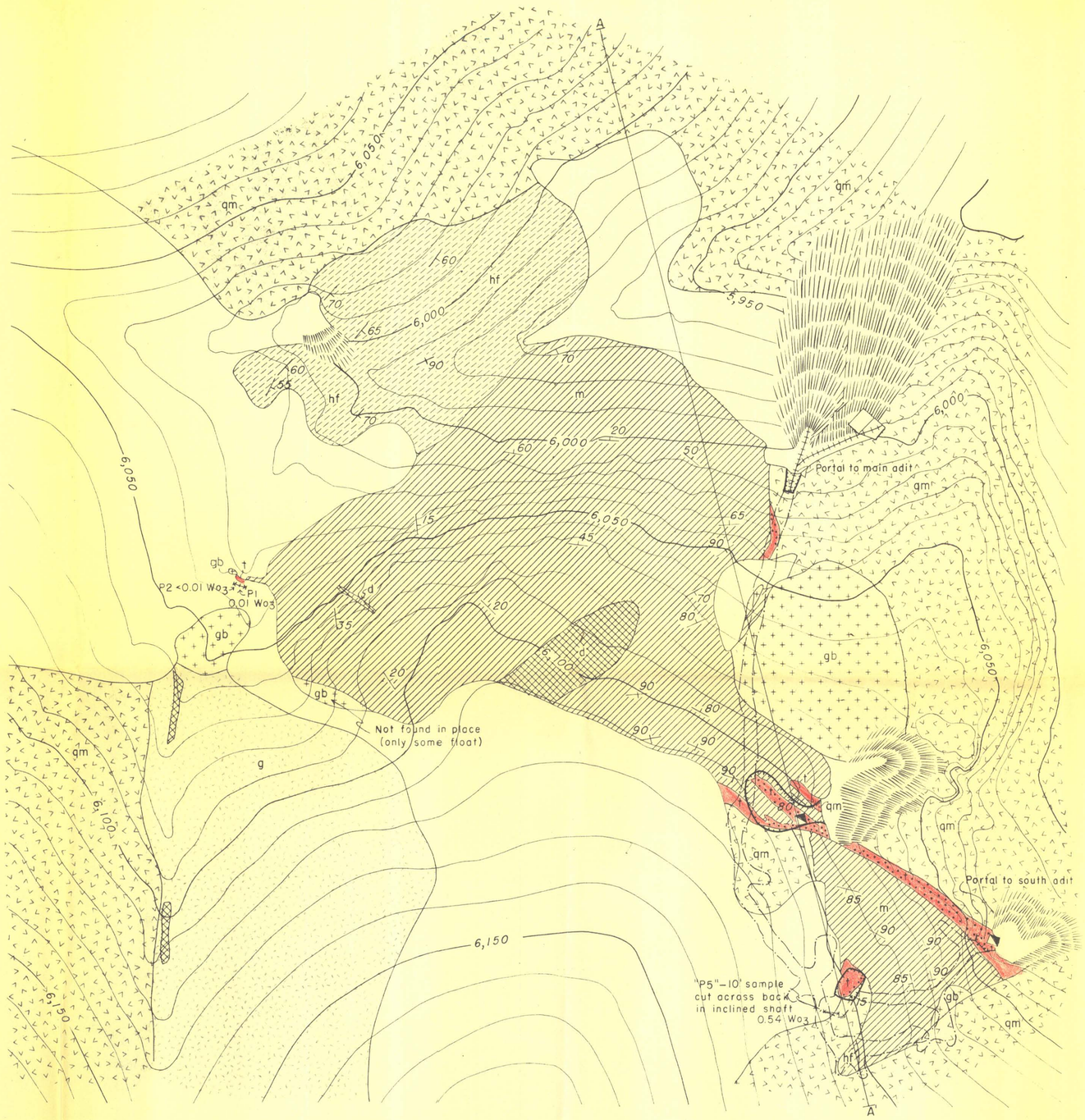
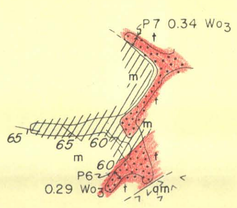


Mapped by: Max P. Erickson
June 1944

GEOLOGIC MAP



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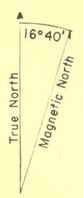
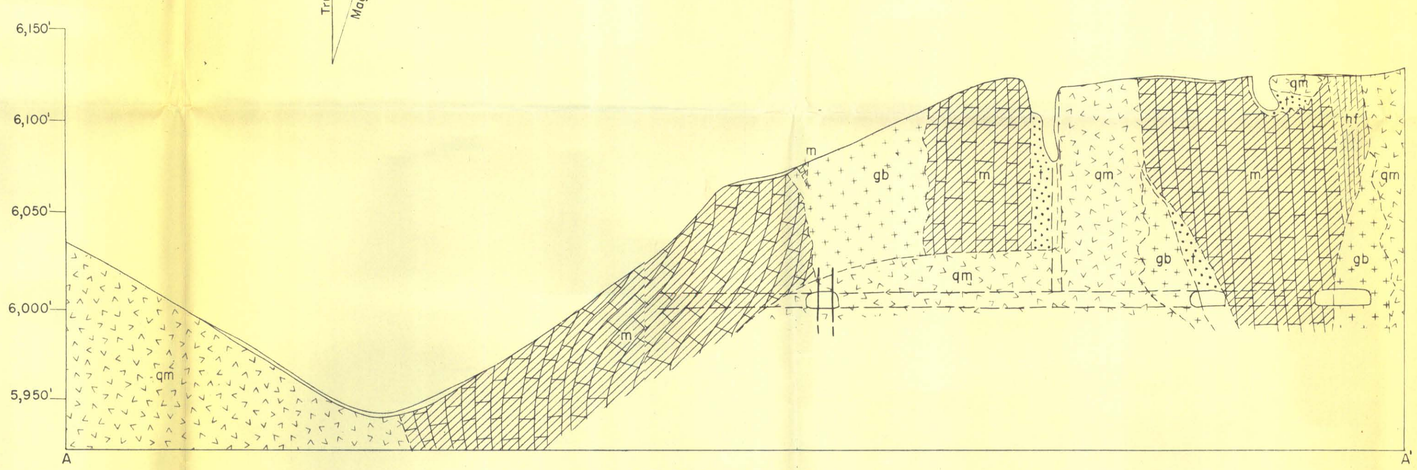




SECTION A–A'

CHIPMUNK TUNGSTEN MINE

0 40 80 120 160 Feet

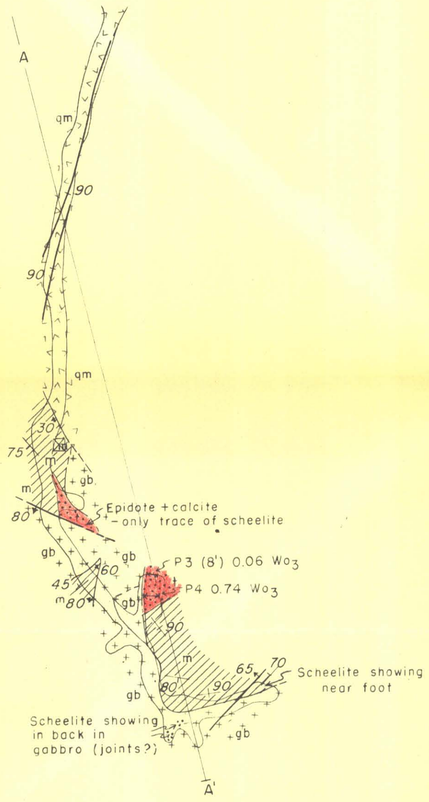
Contour interval 10 feet
Datum is approximately sea level

EXPLANATION

- Soil cover
- Tactite containing little or no scheelite
- Tactite containing scheelite
- Structure shown on sections
- Marble
- Schist and hornfels
- Basic dikes
- Granite
- Quartz monzonite
- Hornblende gabbro
- Contact, showing dip (Dashed where approximately located)
- Fault, showing dip (Dashed where approximately located)
- Vertical fault
- Strike and dip of beds
- Strike of vertical beds
- Rim of open cut or glory hole
- Dump
- Shaft at surface
- Foot of raise

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 2664
TUNGSTEN



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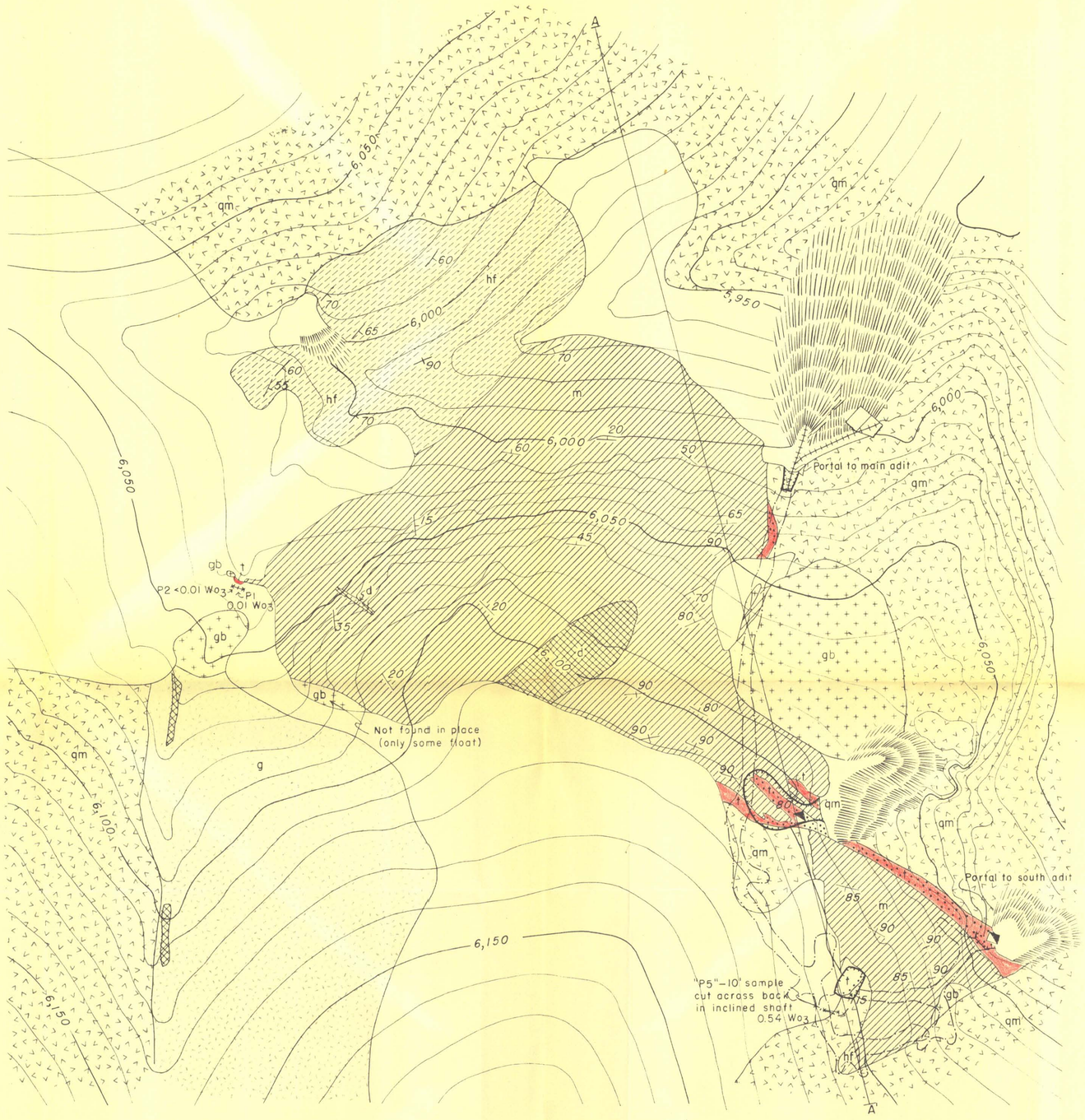

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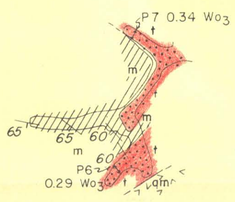

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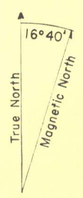

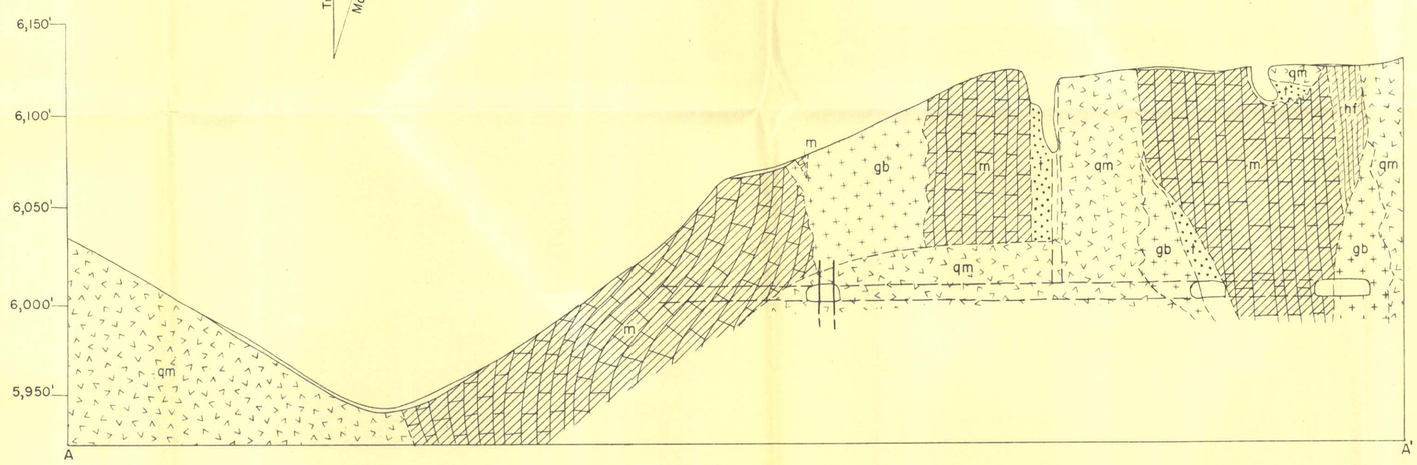

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