DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2216

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.

This document has been recorded as

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
Room 4070

To:	Base Metal Br.	Date	11/16/51
To:	Ellis	Date	Nov. 29-'51
To:	1. Johnson (Rm 3610)	Date	Nov. 30-'51
To:	2. Nelson, Mod (G.S.D.)	Date	Dec. 3rd '51
To:	3. Oper. Comm. (Rm 3610)	Date	
To:	4. Administrator Rm. 4440)	Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

400

FILE COPY
SURNAME:

Ellis
Johnson
Nelson
Brown
Bayer
Eckman
Mittendorf

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

Air Mail

DEC 10 1951

Mr. F. E. Wheelock, President
Eagle Peak Copper Mining Company
P. O. Box 291
Eatonville, Washington

Re: Docket No. DMA-2 16 (Copper-Cobalt)

Dear Mr. Wheelock:

Your application for an exploration project contract on your property in Rainier National Park, Washington has been reviewed in this office.

In the light of all the data available there is insufficient geologic evidence that would indicate an important discovery might be made on your property large enough to be of importance to National Defense. Under the circumstances your application for an exploration contract is denied.

In your application you proposed to install milling facilities. Such equipment is not permitted under the exploration program which is limited solely to the finding of strategic metals and minerals.

If future work at your property should reveal evidence which might materially alter this opinion please be assured we will be glad to consider a new application.

Sincerely yours,

C. O. Mittendorf (for) 12/11

Acting Administrator
Defense Minerals Exploration
Administration

LWEllis/jem
11-30-51
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf
Johnson, C. H.
Nelson, Ned
Ellis
Field Team, Weissenborn, Reg. II (2)

DMM-2216
Copper,
Cobalt
Region II

EAGLE PEAK COPPER MINING COMPANY, EATONVILLE, WASHINGTON
Paradise and Alchula Claims, Lewis County, Washington.
Application denied.

November 30, 1951

MEMORANDUM

To: Reports & Records - DMM

From: Ernest M. Ellis, Mining Engineer - DMM

Subject: DMM-2216, Eagle Peak Copper Mining Company
P. O. Box 291
Eatonville, Washington
Commodities - Copper-cobalt
Amount-not stated, probably $10,000 to $15,000.

Denial recommended because:

Geologic evidence does not indicate an important discovery would result from such a contract.

Attached: File to Reports and Records.

Ernest M. Ellis

Approved

C. O. Mittendorf

Acting Administrator
DMM

Messrs. Mittendorf
Johnson, C. H.
Nelson, Ned
Ellis

E.M.Ellis/jem
cc to: Adm. Reading File
Reports & Records
Docket

Air Mail

Mr. R. . Meelock, President
Eagle Peak Copper Mining Company
P. O. Box 291
Metaline, Washington

Re: Docket No. [illegible]-2 16 (Copper-Cobalt)

Dear Mr. Meelock:

Your application for an exploration project contract on your property in Mount Rainier National Park, Washington has been reviewed in this office.

In the light of all the data available there is insufficient geologic evidence that would indicate an important discovery might be made on your property large enough to be of importance to National Defense. Under the circumstances your application for an exploration contract is denied.

In your application you propose to install mining facilities. No equipment is not permitted under the exploration program which is limited solely to the finding of strategic metals and minerals.

If future work on your property should reveal evidence which might materially alter this opinion please be assured we will be glad to consider a new application.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Mineral Exploration
Administration

Allis/jem
11-30-51
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf
Johnson, L. H.
Nelson, Red
Allis
Field Team, Eisenhorn, Reg. II (2)

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

November 30, 1951

MEMORANDUM

To: Reports & Records - DMEA

From: Ernest Wm. Ellis, Mining Engineer - DMEA

Subject: DMA-2216, Eagle Peak Copper Mining Company
P. O. Box 291
Eatonville, Washington
Commodities - Copper-cobalt
Amount-not stated, probably $10,000 to $15,000.

Denial recommended because:

Geologic evidence does not indicate an important discovery would result from such a contract.

Attached: File to Reports and Records.

Ernest Wm. Ellis
Ernest Wm. Ellis

Approved

O. Mitteudorf
Acting Administrator
DMEA

400
FILE COPY
SURNAME:

Ellis
Johnson-M
Nelson
Broom
Thayer
Johnson
Mittendorf

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

November 30, 1951

MEMORANDUM

To: Reports & Records - DMEA

From: Ernest Wm. Ellis, Mining Engineer - DMEA

Subject: DMA-2216, Eagle Peak Copper Mining Company
P. O. Box 291
Eatonville, Washington
Commodities - Copper-cobalt
Amount-not stated, probably $10,000 to $15,000.

Denial recommended because:

Geologic evidence does not indicate an important discovery would result from such a contract.

Attached: File to Reports and Records.

Signed 12/1/51
Ernest Wm. Ellis

Approved

C. O. Mittendorf

Acting Administrator
DMEA

EWEllis/jem
cc to: Adm. Reading File
Reports & Records
Docket

Messrs. Mittendorf
Johnson, C. H.
Nelson, Ned
Ellis
~~[illegible], Weisenborn, Neg. II~~ (

1201 N. Division St.
Spokane 2, Wash.
November 2, 1951

DMA-2216

MEMORANDUM

To: Chief, Copper Branch, Defense Minerals Administration, Washington 25, D. C.

From: DMA Field Team, Region II

Subject: Exploration assistance, Eagle Peak Copper Mine, Eatonville, Wash.

The Field Team, in agreement with the examining engineer, recommends that the subject application for exploration assistance be denied.

The property, dormant since 1928, has produced not more than 200 tons of copper-gold ore from a relatively weak vein structure in granite. Mineralization apparently has been controlled and localized at the intersections of the joint system and the vein structure. Inasmuch as the fracture system does not appear to be strong and the granitic wall rock relatively unaltered, there appears to be little or no evidence to support a belief that additional exploration would reveal significant amounts of copper ore.

Enclosed for your further information and docketing is an examination report by E. A. Magill, USBM, together with application forms MF-100 and MF-103.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Mr. R. H. Wheelock, President & Mgr.
Eagle Peak Copper Mining Co.
Box 291
Eatonville, Washington

Subject: DMA-2216
Re: Exploration Loan
Paradise & Aldula Claims

My dear Mr. Wheelock:

This will acknowledge receipt of your application dated July 23, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2216 and referred to the Base Metals Branch.

Kindly refer to DMA-2216 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 2216

Date received 11-5-51

Participation

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington

Name and address of applicant

Date July 23, 1951

FILL IN THIS BLOCK

Date of application July 23, 1951

Estimated cost

Mineral or metal Gold, Silver, Copper Cobolt Nickle, Uranium

Percentage of Government participation

Location of mine Inside Rainier National Park

Date of filing MF-100 July 23, 1951

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

RECEIVED
NOV 6 1951

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By R. H. Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

MF-103

1

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

July 23, 1951

1. Answer on Form MF-100
2. Answer on Form MF-100
3. Answer on Form MF-100
4. Answer on Form MF-100
5. Answer on Form MF-100
6. There are no claims or liens against the property.
7. Not lessee
8. Property not in production.
9. The applicant is prpared to pay 10% of the investment, part of which he wishes to be in the form of lumber, which he can supply, and which there will be a need for. The mine will require about 50,000 ft. of timbers and lumber. This he will furnish at currant market prices.

10. The eagle Peak Copper mining Company, consisting of two calims, Paradise No. 1. Two openings- a crosscut 630 ft, a drift 300 ft. The Aldula, a small opening about 30 ft.
(b)

11. Answer on Form MF-100
12. Answer on Form MF-100
13. Answer on Form MF-100
14. Answer on Form MF-100
15. The ore could be shipped to Tacoma, by rail from Ashford, or trucked to Tacoma. There are no mills in this part of the country except the Tacoma Smelter, which doesn't pay for anything except gold, silver and copper. The ore could be shipped to eastern Washington or Idaho. The applicant wishes to build a flotation plant mid-way between Ashford and the Park Entrance. He has the lumber ahd timbers for this mill, and also some old machinery that could be used if necessary.
16. Answer on Form MF-100
17. Answer on Form MF-100
18.

19.

Eagle Peak Copper Mining Company
B ox 291
Eatonville, Washington July 23, 1951

20. Cob olt nickle, tungsten, uranium, copper, gold, silver.
Fisher ore deposits, sulphide ore

21. we propose to drill about 200 ft. to contanct of ore body's, and b uild a flotation mill, This will take about 12 months. at the same time the ore that was removed could be shipped.

22.

23.(a) Labor:
2 Miners-
2 Muckers-
2 Timbermen-
1 Tramline man-
3 Mill men-

(b) Supervisors:
1 General Manager
1 Mining Forman
1 Mill Forman
1 Personal Manager and Purchasing Agent
1 Bookkeeper

(c) Repairs:

Bunker	100.00

(d) Installation of new structures:

Mine entrance and snow shed for crosscut-	500.00
Mill building-	5000.00

(e) Equipment:

2 drills	
1 compressor	
Steel	1000.00
Ore car-	300
Track	1000.00
12 ton powder caps and fuse	5000.00

(f) Rental equipment:
3 Trucks to haul ore.

(g) Equipment to rent:
1 Gas engine
1 Jack hammer
(h) Nails, bolts, repairs,

Eagle Peak Copper Mining Company
Box 291
Eatonville, Wahington

July 23, 1951

23. (i) Power:

Deisel Oil	1000.00
Gasoline	1000.00
2 Kolar light Plants	1000.00

23 (d) Cost of installation fo Mill.

1 Crusher
1 Set of Rolls
1 Fine Grinder
4 Motors
B elts
Pullies
Shafting
Skreening

(i) Power for the mill:

Electricity	200.00

25% for overhead

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

July223, 1951

P. H. Kheelock

President and Manager

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

(D.M.E.A. File)

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 2216

Date received 11-5-51

Participation

Eagle Peak Copper Mining Company
Box 291
Matonville, Washington

Name and address of applicant

Date July 23, 1951

FILL IN THIS BLOCK

Date of application July 23, 1951

Estimated cost

Mineral or metal Gold, Silver, Copper, Cobolt, Nickle, Uranium

Percentage of Government participation

Location of mine Inside Rainier National Park

Date of filing MF-100 July 23, 1951

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

Defense Minerals Administration
RECEIVED
NOV 6 1951

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
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*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

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State amount of power to be used, rate per hour or other cost, and source.
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	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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(2) Milling				
(3) Shipped or sold				

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    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By P. H. Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MP-103

Page 1

Eagle Peak Copper Mining Company
Box 291
Katonville, Washington

July 23, 1951

1. Answer on Form MP-100
2. Answer on Form MP-100
3. Answer on Form MP-100
4. Answer on Form MP-100
5. Answer on Form MP-100
6. There are no claims or liens against the property.
7. Not leased
8. Property not in production.
9. The applicant is prepared to pay 10% of the investment, part of which he wishes to be in the form of lumber, which he can supply, and which there will be a need for. The mine will require about 50,000 ft. of timbers and lumber. This he will furnish at current market prices.

10. The Eagle Peak Copper mining Company, consisting of two claims, Paradise No. 1. Two openings- a crossent 630 ft, a drift 300 ft. The Aldula, a small opening about 30 ft.
(b)

11. Answer on Form MP-100
12. Answer on Form MP-100
13. Answer on Form MP-100
14. Answer on Form MP-100
15. The ore could be shipped to Tacoma, by rail from Ashford, or trucked to Tacoma. There are no mills in this part of the country except the Tacoma Smelter, which doesn't pay for anything except gold, silver and copper. The ore could be shipped to eastern Washington or Idaho. The applicant wishes to build a flotation plant mid-way between Ashford and the Park Entrance. He has the lumber and timbers for this mill, and also some old machinery that could be used if necessary.
16. Answer on Form MP-100
17. Answer on Form MP-100
18.

19.19.

Form MP-103

Page 2

Eagle Peak Copper Mining Company
P O Box 291,
Entiaville, Washington

July 23, 1951

20. Cobolt, nickle, tangston, uranium, copper, gold, silver, Fisher ore deposits, sulphide ore.

21. We propose to drill about 200 ft. to contact of ore bodys, and build a flotation mill. This will take about 12 months. At the same time the ore that is removed can be shipped.
22.

23. (a) Labor:
2 Miners-
2 Muckers-
2 Timbermen-
1 Tramline man-
3 mill men-

(b) Supervisors:
1 General Manager
1 Mining Foreman
1 Mill Foreman
1 Personal Manager and Purchasing Agent
1 Bookkeeper

(c) Repairs:
Bunker- $100.00
(d)

(d) Installation of new structures:
Mine entrance and snow shed for crosscut- $500.00
Mill building 5000.00

(e) Equipment:
2 drills-
1 compressor
Stool
Ore car- 300.00
Track
12 ~~tot~~ powder cups and fuse 1000.00

(f) Rental equipment:
3 Trucks to haul ore.

(g) 1 Gas engine
1 Jack hammer
(h) Nails, U bolts, Repairs

Form MF-103

Page 3

Eagle Peak Copper Mining Company
Box 291
Entonville, Washington

July 23, 1951

23.(i) Power:

Diesel Oil-	1,000
Gasoline-	1,000
2 Kolar Light Plants	1,000

23. (d) Cost of installation of mill.

1 Crusher
1 Set of Rolls
1 Fine Grinder
4 Motors
Belts
Pulleys
Shafting
Screening

(i) Power for the mill:

Electricity	200

25% for overhead

Eagle Peak Copper Mining Company
Box 291
Entonville, Washington

R. H. Wheelock

July 23, 1951

President and Manager

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 22216

Date received 11-5-51

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington

Name and address of applicant

Date July 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   ☒ Owner.
   ☐ Lessee.
   ☐ Contractor.

DEPARTMENT OF THE INTERIOR
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5. Number of years in production _____
   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R.H. Wheelock	D Pres. Manager	none	none	40,000		none	none
August Lundin	Vice-Pres.	none	not Known	1,700		none	none
R.P. Crisman	Sec. & Treas.	none	none	100		none	none
A.I. Backe--dead		none	none	1,500		none	none
Jay Walker--dead		none	none	5,000		none	none
Martin Kangrude		none	none	1,500		none	none
	Total	none	x x x x x	49,000		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$150,000	$150,000	$1.00	150,000	none
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)		none	none	none	none
2. Quantity of product processed (specify unit of measure and type of process)		none	none	none	none
3. Quantity and grade of product sold or shipped (specify units of measure)		none	none	none	none

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By R. H. Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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—63792-1

Form MM-100

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington July 28, 1951.

1. Materials produced
(a) copper, silver, gold.
(b) Cobalt, nickle, uranium
2. Name of mine-Eagle Peak Copper Mining Co. Type of mine-hard rock. Extent of workings:
(a) no shafts
(b) drift 300 ft. crosscut 630 ft.
(c) 950 ft. of tunnels
(d) There is a small adit about 30 ft., but it is hard to get to because of snow slides in the winter.
Mine is not flooded- there is considerable water in the crosscut, but the water runs freely from the mine.
3. Distance to towns and shipping points.
(a) The nearest town is Longmire, which is two miles south of the mine. This is the Government community inside the Rainier National Park. Ashford is about 16 miles southwest of Longmire and has a population of about 200. There is a railroad and could be used as a shipping point. Tacoma is about 60 miles from Longmire and the ore could be trucked there.
(b) Mining district- Nisqually
(c) Township 15, Section 27, Range 08, Located inside the Rainier National Park.
(d) Lewis county, Washington State.
4. (a) The property is in partial operation, operated by N.H.Cheelock President and Manager.
(b) Owner
5. Number of years in production-- from 1920 until 1928.
The mine can be producing 60 days after money is aquired.
6. The applicant, N.H.Cheelock has owned the Eagle Peak Copper Mining Company for 60 years, working in it off and on for about 30 years, if the time was added together. He has also worked in an arsenic mine and helped build a plant for this mine, he worked in a coal mine for about a year. He has also owned and operated several small lumber mills. He has taken an I.C.S. course in Mining, Prospecting, and Engineering.
(b) The applicant is also the manager of the project.
7. History:
(a) The mine was discovered in 1891, there is 630 ft of crosscut, and 300 ft of drift. From 1919 to 1928 the mine was in partial production, shipping several car loads to the Tacoma Smelter. It was then relized that it would be necessary to build a mill in order to save all the materials in the ore. A jig and table mill was built, but this did not prove successful so it was changed to a flotation mill. The flotation mill had only run about a month when the power plant was destroyed by fire, it was necessary to close down as there was no money to rebuild the power plant.
(b)The only other property is the Paradise Mining and Milling Co. which has been reclaimed by the Government.
(c) We have no private reports that would apply to the application. There has been several Government inspectors examine the mine. James A. Barr, Cox, Holly, O'Neil. They all gave us good verbal reports but not any written ones.

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington. July 23, 1951

11. The mine is not now in production, But if the money was available to pay men and by equipment we could be producing 2,000 ton per month in less than six months.
12.

13. The property is located about 2 miles north of Longmire, 10 miles southeast of Ashford, 60 milessoutheast of Tacoma Washington. There is a paved highway from Tacoma to the Park Entrance, Asphalt highway inside the Park to mines privat road. Private road about 4,00' gravel surface. The road inside the park is kept open all winter by the Government. The private road could be kept open also.
14. Water Supply: There is sufficient water in the Paradise River for all year if we wished to use it.
15. Power. We propose to use gas enginesfor the mine, and diesel engines for the mill.
16. Labor: Two men- General labor.
17. Equipment and Facilities: One tram line capable of carring one-half ton, one gas engine in good condition. one small compressor, not large enough, one jack hammer in good condition. one ore bunker, one small cabin. One crusher not in good condition but could be repaired, one old rod mill and fine grinder. these could be salvaged and used if necessary. The flotation will have to be rebuilt.
18. The mine is inside the Rainier National Park. Located on Eagle Peak. There isn't any place close enough to separate the ore except the Tacoma Smelter, which does not pay for any minerals except Gold, Silver and Copper. It is necessary to build a mill to concentrate the ore. Unless the ore is shipped east, which would cost more in the long run than to build a mill there.

Eagle Peak Copper Mining Company R. H. Wheelock

July 23, 1951 President and Manager

UNITED STATES
DEPARTMENT OF INTERIOR
OSCAR L. CHAPMAN-SECRETARY

DEFENSE MINERALS ADMINISTRATION

Report by Examination Team
Region II

DMA No. 2216 Eagle Peak Copper

Lewis County, Wash.

E. A. Magill
U. S. Bureau of Mines

October 3, 1951

EAGLE PEAK COPPER
Lewis County, Wash.

DMA Docket No._____

By E. A. Magill

RECOMMENDATIONS

It is recommended that the application of the Eagle Peak Copper Co. for an exploration loan be denied.

APPLICANT

The applicant is the Eagle Peak Copper Mining Co., Box 291, Ratonville, Wash. The president and manager of the company is R. H. Wheelock.

LOCATION

The property, consisting of 2 unpatented mining claims and a millsite, is in sec. 27, T. 15 N., R. 8 E., W.M., Nisqually mining district, Lewis County, Wash., and within the boundary of Rainier National Park, on the west slope of Eagle Peaks about 2 miles above Longmire and 1/4 mile east of the Rainier Highway. An excellent paved road, a few hundred feet from the mine camp, is kept open throughout the year.

OWNERSHIP

The property is held by the Eagle Peak Copper Mining Co.

HISTORY

The mine was first discovered in 1891. In 1906 the Eagle Peak Copper Mining Co. was incorporated. This company has held the two unpatented lode claims and millsite continuously since that time.

In 1911 the lower crosscut adit was started to intersect the vein exposed in the upper workings. Work was carried on intermittently in this adit. The last work to be done was in 1927.

During the middle 1920's a small flotation mill was constructed. The property has been dormant since 1928 when the mill plant was destroyed by fire.

Although detailed production records are not available, it is believed that mine output has not amounted to more than 200 tons. In 1919 about 100 tons were shipped in 3 lots. The grade of these lots is given as follows:

Lot No.	Copper, percent	Gold, ounces per ton
1	4.00	1.0
2	10.00	0.25
3	6.00	

Patty 1/ reports an 18-ton shipment which assayed: gold, 0.09 ounces per ton, silver 1.87 ounces per ton, and copper 8.05 percent.

DESCRIPTION OF PROPOSAL

The applicant, primarily concerned with bringing the mine into immediate production, proposes to continue the lower crosscut adit to intersect the ore body exposed in the upper workings, raise on the vein, and construct a flotation mill. A cost estimate of this program has not been presented.

1/ The Metal Mines of Wash., Wash. Geol. Survey Bull. 23, 1921, p. 310.

TECHNICAL FEASIBILITY

Geologic Setting

The vein exposed in the upper drift of the Eagle Peak mine strikes S. 35 W., dips 55 to 65 degrees to the south, and ranges in width from a few inches to about five feet. It consists chiefly of quartz, chalcopyrite, arsenopyrite, pyrite, bornite and copper and iron oxides. Alteration of the granitic wall rock is not pronounced. A series of flat-dipping joints or minor slips apparently have controlled mineralization to some degree. Two such features are exposed in the stopes above the upper drift near the back of the stope and just above the adit level. In each case, the vein is displaced several feet and is lean for several feet both above and below the offset. The vein also tends to pinch along the strike. The ore shoot exposed in the stope is about 80 feet long and up to 5 feet wide. At the drift face, however, the vein pinches to only a few inches.

A sample (EAM-98) taken near the portal of the old drift, about 15 feet higher than the present drift level, gave a slight reaction on the gieger counter. Spectographic and analytical determinations on this were reported as follows:

Al	5 to 10 percent	Mn	0.01 to 0.1
As	over 10	Ni	0.01 to 0.1
Bi	0.01 to 0.1	Si	5 to 10 percent
Ca	0.1 to 1.0	Ti	0.1 to 1.0
Cu	0.1 to 1.0	V	0.01 to 0.1
Mg	1 to 5	Mo	0.01 to 0.1
Ag	0.001 to 0.01	Zr	0.01 to 0.1
Co	1 to 5	B	0,001 to 0,01
Fe	over 10		

Copper - 0.08 percent
Cobalt - 0.61 percent
Gold - 0.21 oz. per ton
Silver - 0.40 oz. per ton

A 600-foot crosscut adit has been driven 700 feet southwest from the upper workings and 235 feet lower in elevation. This adit, driven in a southeast direction to crosscut ore exposed in the upper workings, is in granite. About 200 feet from the adit face a number of diorite dikes having gradational contacts cut the granite. At a point 230 feet from the face, a narrow stringer of pyrite 1/2 to 1" wide striking S. 40° W. and dipping 50° east, was penetrated . A sample cut from this structure was assayed with the following results:

Copper - 2.25 percent
Cobalt - 0.31 percent
Gold - 0.66 ounces per ton
Silver - 0.7 ounces per ton

The diorite footwall along this stringer was sampled with the following results:

Copper - 0.02 percent
Cobalt - less than 0.05 percent
Gold - less than 0.005 ounces per ton
Silver - 0.1 ounces per ton

It is doubtful that the vein exposed in the upper working has been cut by the lower crosscut adit (see cross section). There is also the question of whether this vein structure may be projected 400 feet on its strike and 300 feet on its dip. There is a suggestion in the upper workings that the vein may be flattening toward the south.

MINE WORKINGS

Mine workings (see map) consist of 300 feet of drifting at an altitude of 3,515 feet and 630 feet of crosscutting at an altitude of 3,275 feet.

RESERVES

There are no measurable ore reserves in the Eagle Peak Copper Mine.

MILLING METHOD

The small mill formerly on the property initially used jigs and tables for concentration. As the ore apparently was not amenable to gravity concentration, the plant was converted to flotation. About a month after conversion the mill burned.

RATE OF PRODUCTION

The property is not in production.

MARKETING FACILITIES

Copper concentrates or crude ore can be shipped to the American Smelter and Refining Co., smelter at Tacoma, Wash.

EQUIPMENT

Installed

Facilities and equipment installed are as follows:

1,300 feet tram line with 1/2-ton bucket operated by 4 cyl. gas engine.
Cabin 12' x 14' (good repair)
Air compressor l.r. 105 cfm driven by Pelton wheel
Jackhammer
Rail
2 mine cars
Pipe
Misc. small tools

Required

If an exploration program should be undertaken, all items of equipment required to carry out the program would have to be purchased.

LABOR SUPPLY

Labor for a small operation probably could be obtained locally. It would be necessary, however, to compete with wages ranging from $15 to $20 per day currently paid by the logging industry. There are accommodations for several workers at the mine.

POWER

Power for a temporary operation would have to be furnished by either portable gasoline or Diesel units. However, the applicants claim water rights for generating power from the nearby Paradise River. Power has been developed from this source in the past.

TRANSPORTATION

A tramline is required to bring ore and supplies from the mine portals to the Nisqually River road. An existing 1/2-ton tram serves the upper adit. To service the lower crosscut adit it would be necessary either to install about 800 feet of tramline or to construct about 1,500 feet of road including a 50-foot bridge over the Paradise River. Ashford, the nearest rail facility, is 18 miles over a paved highway. The A. S. & R. smelter at Tacoma is 60 miles from the mine by paved highway.

COMPETENCE OF APPLICANT

The applicant, in his late 70's, does not appear competent to carry out an extensive exploration program inasmuch as his health probably would not stand up.

DISCUSSION OF PROPOSAL

The applicant has not clearly detailed an exploration program although his primary interest lies in bringing the property into production. Several carloads of ore have been produced from the upper adit workings; additional ore of the like grade undoubtedly could be mined from below the adit level. However, from the samples taken and the reported grade of the shipments, it is unlikely that the property warrants an exploration loan.

Defense Minerals Administration

SAMPLE No.	Oz. per ton Au	Oz. per ton Ag	Percent Cu	Percent Co	REMARKS
E.A.M.—98	0.21	0.4	.08	0.61	Lense on E. side of old upper adit.
99	0.66	0.7	2.25	.31	Stringer in main X-cut.
100	<.005	0.2			Prospect pit to S. of X-cut.
101	<.005	0.1	0.02	<.05	2 ft. in footwall of No. 99.
102	0.05	2.2	5.86	<.05	Vein in face of upper drift.

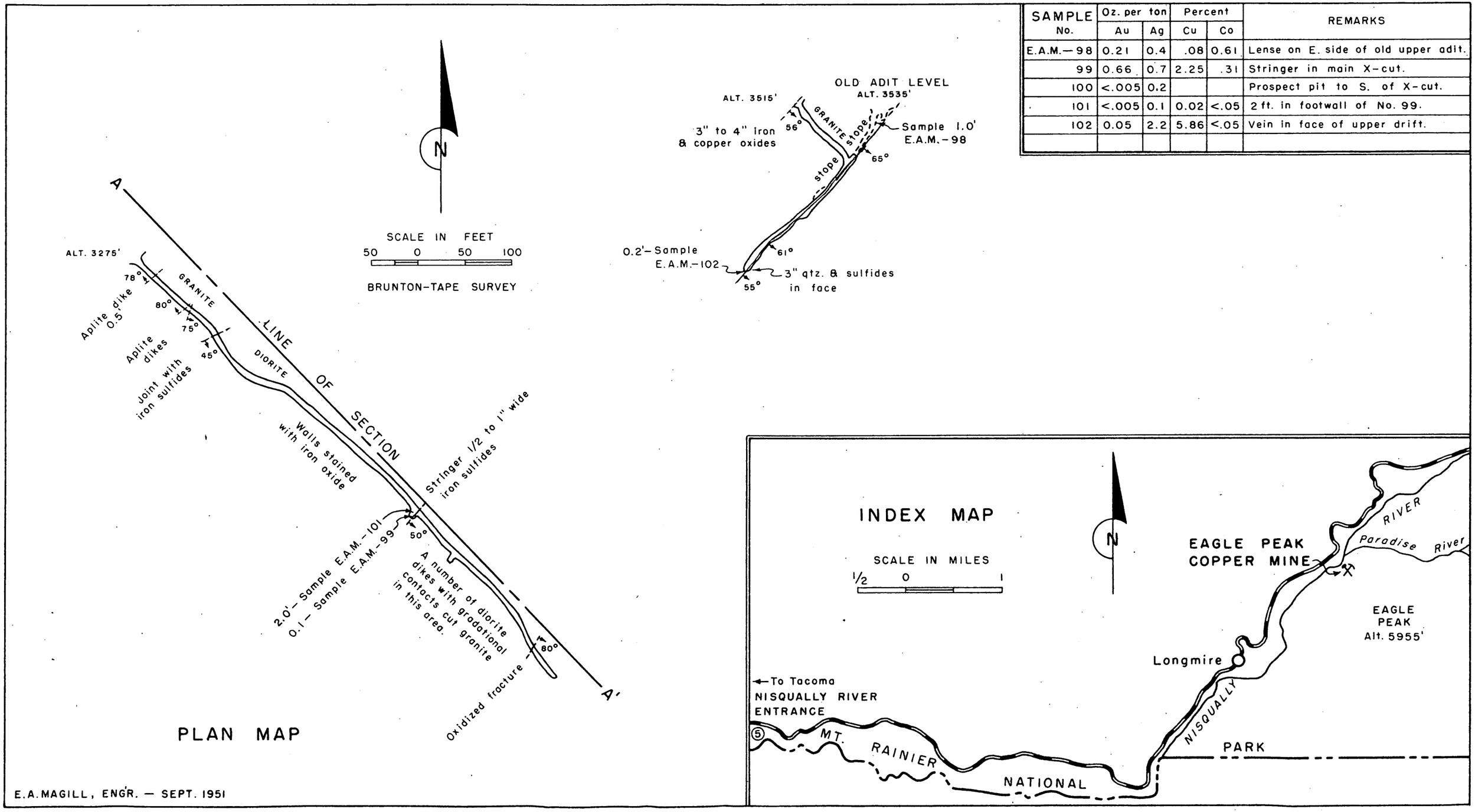

Figure 1.— Plan map, Eagle Peak copper mine, Lewis County, Wash.

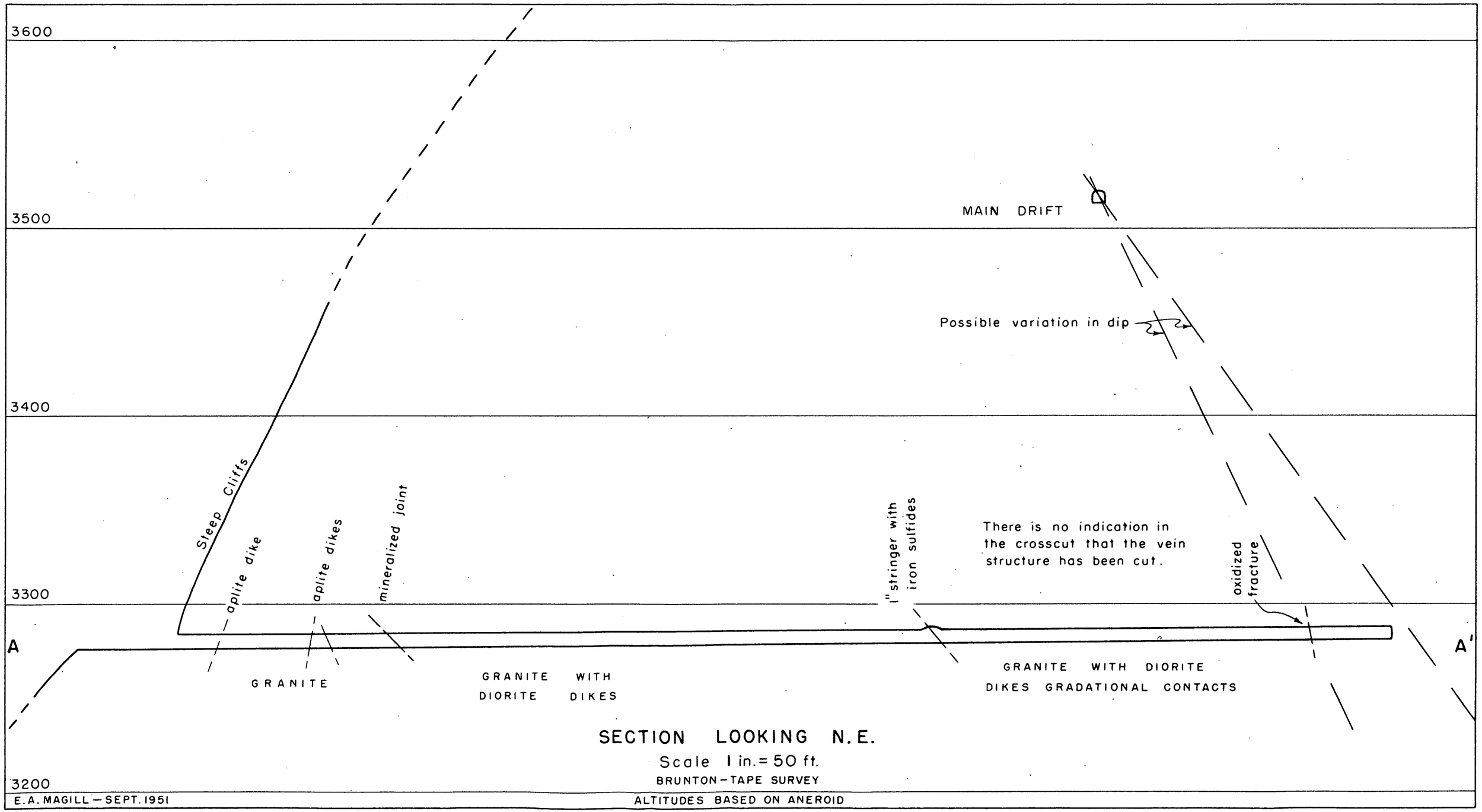

Figure 2. — Section A-A', Eagle Peak copper mine, Lewis County, Wash.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R.H. Wheelock	D Pres. Manager	none	none	10,000		none	none
August Lundin	D Vice-Pres.	none	not known	1,700		none	none
R.P. Crisman	Sec. & Treas.	none	none	100		none	none
A.H. Backe -- Dead		none	none	1,500		none	none
Jay Walker--dead		none	none	5,000		none	none
Martin Kangrude		none	none	1,500		none	none
	Total	none	x x x x x	19,000		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
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Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)		None	none	none	none
2. Quantity of product processed (specify unit of measure and type of process)		none	none	none	none
3. Quantity and grade of product sold or shipped (specify units of measure)		none	none	none	none

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By P H Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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—63792-1

Form IF-100

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington.

July, 23, 1951

1. Materials produced
(a) copper, silver, gold.
(b) cobalt, nickle, uranium.
2. Name of mine-Eagle Peak Copper Mining Co. Type of mine-hard rock. Extent of workings
(a) no shafts
(b) drift 300 ft. crosscut 630 Ft.
(c) 960 ft of tunnels
(d) There is a small adit about 30 ft., but is hard to get to because of snow slides in the winter.

Mine is not flooded- there is considerable water in the crosscut, but the water runs freely from the mine.

The mine could produce at least 100 ton per day, this could be increased by the use of more men and equipment, and more than one shift per day.

3. Distance to towns and shipping points.

(a) The nearest town is Longmire, which is two miles south of the mine. This is the Government community inside the Rainier National Park. Ashford is about 16 miles southwest of Longmire and has a poplation of about 200. There is a railroad and could be used as a shipping point. Tacoma is about 60 miles from Longmire and the ore could be trucked there

(b) Mining district- Nisqually

((c) Township 15, Section 27, Range 8E Located inside the Rainier National Park.

(D) Lewis County, Washington State.

4.(a)The property is in partial operation, operated by R.H.Wheelock President and Manager.

(b) Owner

5. Number of years in production-from 1920 until 1928

The mine can be producing 60 days after money is aquired.

6. The applicant, R.H.Wheelock has owned the Eagle Peak Copper Mining Company for 60 years, working in it of and on for about 30 years, if the time was added together. He has also worked in an arsmic mine and helped build a plant for this mine, he worked in a coal mine for about a year. He has also owned and operated several small lumber mills. He has taken an I.C.S. course in Mining, Prospecting, and Engeneering.

(b) The applicant is also the manager of the project.

7.Histroy.

(a) The mine was discovered in 1891, there is 630 ft of crosscut, and 300 ft of drift. From 1919 until 1928 the mine was in partial production, shipping several car loads to the Tacoma Smelter. It was then relized that it would be necessary to build a mill in order to save all the materials in the ore. A jig and table mill was built but this did not prove successful so it was changed to a flotation mill. The flotation mill had only run about a month when the power plant was destroyed by fire, it was necessary to close down as there was no money to rebuild the power plant.

(b) The only other property is the Paradise Mining and Milling Co. which has been reclaimed by the Government.

(c) We have no private reports that would apply to the application. There has been several Government inspectors examine the mine. James A. Barr, Cox, Holly, O'Neil. They all gave us good verbal reports but not any written reports.

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington. July 23, 1951

11. The mine is not now in produttion, But if the money was available to pay men and by equipment we could be producing 2,000 ton per month in less than six months.
12.

13. The property is located about 2 miles north of Longmire, 18 miles southeast of Ashford, 60 miles southeast of Tacoma Washington. There is a paved highway from Tacoma to the Park Entrance, Asphalt highway inside the Park to mines private road. Private road about 400' gravel surface. The road inside the park is kept open all winter by the Government. The private road could be lept open also.
14. Water Supply: There is sufficient water in the Paradiso River for all year if we wished to use it.
15. Power. We propose to use gas enginesffor the mine, and diesel engines for the mill.
16. Labor: Two men- General labor.
17. Equipment and Facilities: One tram line capable of carring one-half ton, one gas engine in good condition, one small compressor, not large enough, one jack hammer in good condition, one ore bunker, one small cabin. One crusher not in good condition but could be repaired, one old rod mill and fine grinder. these could be salvaged and used if necessary. The flotation will have to be rebuilt.
18. The mine is inside the Rainier National Park. Located on Eagle Peak. There isn't any place close enough to separate the ore except the Tacoma Smelter, which does not pay for any minerals except Gold, Silver and Copper. It is necessary to build a mill to concentrate the ore. Unless the ore is shipped east, which would cost more in the long run than to build a mill here.

Eagle Peak Copper Mining Company

R. H. Wheelock

July 23, 1951

President and Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICIAL FILE COPY

1201 N. Division St.
Spokane 2, Wash.
November 2, 1951

To	Init.	Date
210		

MEMORANDUM

To: Chief, Copper Branch, Defense Minerals Administration, Washington 25, D. C.

From: DMA Field Team, Region II

Subject: Exploration assistance, Eagle Peak Copper Mine, Eatonville, Wash.

The Field Team, in agreement with the examining engineer, recommends that the subject application for exploration assistance be denied.

The property, dormant since 1928, has produced not more than 200 tons of copper-gold ore from a relatively weak vein structure in granite. Mineralization apparently has been controlled and localized at the intersections of the joint system and the vein structure. Inasmuch as the fracture system does not appear to be strong and the granitic wall rock relatively unaltered, there appears to be little or no evidence to support a belief that additional exploration would reveal significant amounts of copper ore.

Enclosed for your further information and docketing is an examination report by E. A. Magill, USBM, together with application forms MF-100 and MF-103.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

DEPARTMENT OF THE INTERIOR
Bureau of Mines
RECEIVED
NOV 6 1951

1201 N. Division St.
Spokane 2, Wash.
November 2, 1951

MEMORANDUM

To: Chief, Copper Branch, Defense Minerals Administration, Washington 25, D. C.

From: DMA Field Team, Region II

Subject: Exploration assistance, Eagle Peak Copper Mine, Ratonville, Wash.

The Field Team, in agreement with the examining engineer, recommends that the subject application for exploration assistance be denied.

The property, dormant since 1928, has produced not more than 200 tons of copper-gold ore from a relatively weak vein structure in granite. Mineralization apparently has been controlled and localized at the intersections of the joint system and the vein structure. Inasmuch as the fracture system does not appear to be strong and the granitic wall rock relatively unaltered, there appears to be little or no evidence to support a belief that additional exploration would reveal significant amounts of copper ore.

Enclosed for your further information and docketing is an examination report by R. A. Magill, USBM, together with application forms MF-100 and MF-103.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

1201 N. Division St.
Spokane 2, Wash.
November 2, 1951

MEMORANDUM

To: Chief, Copper Branch, Defense Minerals Administration, Washington 25, D. C.

From: DMA Field Team, Region II

Subject: Exploration assistance, Eagle Peak Copper Mine, Katonville, Wash.

The Field Team, in agreement with the examining engineer, recommends that the subject application for exploration assistance be denied.

The property, dormant since 1926, has produced not more than 200 tons of copper-gold ore from a relatively weak vein structure in granite. Mineralization apparently has been controlled and localized at the intersections of the joint system and the vein structure. Inasmuch as the fracture system does not appear to be strong and the granitic wall rock relatively unaltered, there appears to be little or no evidence to support a belief that additional exploration would reveal significant amounts of copper ore.

Enclosed for your further information and docketing is an examination report by E. A. Magill, USBM, together with application forms MF-100 and MF-103.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

W. E. Volin, Member
(U. S. Bureau of Mines)

1201 N. Division St.
Spokane 2, Wash.
November 2, 1951

MEMORANDUM

To: Chief, Copper Branch, Defense Minerals Administration, Washington 25, D. C.

From: DMA Field Team, Region II

Subject: Exploration assistance, Eagle Peak Copper Mine, Ratonville, Wash.

The Field Team, in agreement with the examining engineer, recommends that the subject application for exploration assistance be denied.

The property, dormant since 1928, has produced not more than 200 tons of copper-gold ore from a relatively weak vein structure in granite. Mineralization apparently has been controlled and localized at the intersections of the joint system and the vein structure. Inasmuch as the fracture system does not appear to be strong and the granitic wall rock relatively unaltered, there appears to be little or no evidence to support a belief that additional exploration would reveal significant amounts of copper ore.

Enclosed for your further information and docketing is an examination report by E. A. Magill, USBM, together with application forms MF-100 and MF-103.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

UNITED STATES
DEPARTMENT OF INTERIOR
OSCAR L. CHAPMAN-SECRETARY

DEFENSE MINERALS ADMINISTRATION

Report by Examination Team
Region II

DMA No. 2216 Eagle Peak Copper

Lewis County, Wash.

E. A. Magill
U. S. Bureau of Mines

October 3, 1951

EAGLE PEAK COPPER
Lewis County, Wash.

DMA Docket No._____

By E. A. Magill

RECOMMENDATIONS

It is recommended that the application of the Eagle Peak Copper Co. for an exploration loan be denied.

APPLICANT

The applicant is the Eagle Peak Copper Mining Co., Box 291, Eatonville, Wash. The president and manager of the company is R. H. Wheelock.

LOCATION

The property, consisting of 2 unpatented mining claims and a millsite, is in sec. 27, T. 15 N., R. 8 E., W.M., Nisqually mining district, Lewis County, Wash., and within the boundary of Rainier National Park, on the west slope of Eagle Peaks about 2 miles above Longmire and 1/4 mile east of the Rainier Highway. An excellent paved road, a few hundred feet from the mine camp, is kept open throughout the year.

OWNERSHIP

The property is held by the Eagle Peak Copper Mining Co.

HISTORY

The mine was first discovered in 1891. In 1908 the Eagle Peak Copper Mining Co. was incorporated. This company has held the two unpatented lode claims and millsite continuously since that time.

In 1911 the lower crosscut adit was started to intersect the vein exposed in the upper workings. Work was carried on intermittently in this adit. The last work to be done was in 1927.

During the middle 1920's a small flotation mill was constructed. The property has been dormant since 1928 when the mill plant was destroyed by fire.

Although detailed production records are not available, it is believed that mine output has not amounted to more than 200 tons. In 1919 about 100 tons were shipped in 3 lots. The grade of these lots is given as follows:

Lot No.	Copper, percent	Gold, ounces per ton
1	4.00	1.0
2	10.00	0.25
3	6.00	

Patty 1/ reports an 18-ton shipment which assayed: gold, 0.09 ounces per ton, silver 1.87 ounces per ton, and copper 8.05 percent.

DESCRIPTION OF PROPOSAL

The applicant, primarily concerned with bringing the mine into immediate production, proposes to continue the lower crosscut adit to intersect the ore body exposed in the upper workings, raise on the vein, and construct a flotation mill. A cost estimate of this program has not been presented.

1/ The Metal Mines of Wash.,Wash.Geol. Survey Bull. 23, 1921, p. 310.

TECHNICAL FEASIBILITY

Geologic Setting

The vein exposed in the upper drift of the Eagle Peak mine strikes S. 35 W., dips 55 to 65 degrees to the south, and ranges in width from a few inches to about five feet. It consists chiefly of quartz, chalcopyrite, arsenopyrite, pyrite, bornite and copper and iron oxides. Alteration of the granitic wall rock is not pronounced. A series of flat-dipping joints or minor slips apparently have controlled mineralization to some degree. Two such features are exposed in the stopes above the upper drift near the back of the stope and just above the adit level. In each case, the vein is displaced several feet and is lean for several feet both above and below the offset. The vein also tends to pinch along the strike. The ore shoot exposed in the stope is about 80 feet long and up to 5 feet wide. At the drift face, however, the vein pinches to only a few inches.

A sample (EAM-98) taken near the portal of the old drift, about 15 feet higher than the present drift level, gave a slight reaction on the gieger counter. Spectographic and analytical determinations on this were reported as follows:

Al	5 to 10 percent	Mu	0.01 to 0.1
As	over 10	Ni	0.01 to 0.1
Bi	0.01 to 0.1	Si	5 to 10 percent
Ca	0.1 to 1.0	Ti	0.1 to 1.0
Cu	0.1 to 1.0	V	0.01 to 0.1
Mg	1 to 5	Mo	0.01 to 0.1
Ag	0.001 to 0.01	Zr	0.01 to 0.1
Co	1 to 5	B	0.001 to 0.01
Fe	over 10		

Copper - 0.08 percent
Cobalt - 0.61 percent
Gold - 0.21 oz. per ton
Silver - 0.40 oz. per ton

A 600-foot crosscut adit has been driven 700 feet southwest from the upper workings and 235 feet lower in elevation. This adit, driven in a southeast direction to crosscut ore exposed in the upper workings, is in granite. About 200 feet from the adit face a number of diorite dikes having gradational contacts cut the granite. At a point 230 feet from the face, a narrow stringer of pyrite 1/2 to 1" wide striking S. 40° W. and dipping 50° east, was penetrated . A sample cut from this structure was assayed with the following results:

Copper - 2.25 percent
Cobalt - 0.31 percent
Gold - 0.66 ounces per ton
Silver - 0.7 ounces per ton

The diorite footwall along this stringer was sampled with the following results:

Copper - 0.02 percent
Cobalt - less than 0.05 percent
Gold - less than 0.005 ounces per ton
Silver - 0.1 ounces per ton

It is doubtful that the vein exposed in the upper working has been cut by the lower crosscut adit (see cross section). There is also the question of whether this vein structure may be projected 400 feet on its strike and 300 feet on its dip. There is a suggestion in the upper workings that the vein may be flattening toward the south.

MINE WORKINGS

Mine workings (see map) consist of 300 feet of drifting at an altitude of 3,515 feet and 630 feet of crosscutting at an altitude of 3,275 feet.

RESERVES

There are no measurable ore reserves in the Eagle Peak Copper Mine.

MILLING METHOD

The small mill formerly on the property initially used jigs and tables for concentration. As the ore apparently was not amenable to gravity concentration, the plant was converted to flotation. About a month after conversion the mill burned.

RATE OF PRODUCTION

The property is not in production.

MARKETING FACILITIES

Copper concentrates or crude ore can be shipped to the American Smelter and Refining Co., smelter at Tacoma, Wash.

EQUIPMENT

Installed

Facilities and equipment installed are as follows:

1,300 feet tram line with 1/2-ton bucket operated by 4 cyl. gas engine.
Cabin 12' x 14' (good repair)
Air compressor l.r. 105 cfm driven by Pelton wheel
Jackhammer
Rail
2 mine cars
Pipe
Misc. small tools

Required

If an exploration program should be undertaken, all items of equipment required to carry out the program would have to be purchased.

LABOR SUPPLY

Labor for a small operation probably could be obtained locally. It would be necessary, however, to compete with wages ranging from $15 to $20 per day currently paid by the logging industry. There are accommodations for several workers at the mine.

POWER

Power for a temporary operation would have to be furnished by either portable gasoline or Diesel units. However, the applicants claim water rights for generating power from the nearby Paradise River. Power has been developed from this source in the past.

TRANSPORTATION

A tramline is required to bring ore and supplies from the mine portals to the Nisqually River road. An existing 1/2-ton tram serves the upper adit. To service the lower crosscut adit it would be necessary either to install about 800 feet of tramline or to construct about 1,500 feet of road including a 50-foot bridge over the Paradise River. Ashford, the nearest rail facility, is 18 miles over a paved highway. The A. S. & R. smelter at Tacoma is 60 miles from the mine by paved highway.

COMPETENCE OF APPLICANT

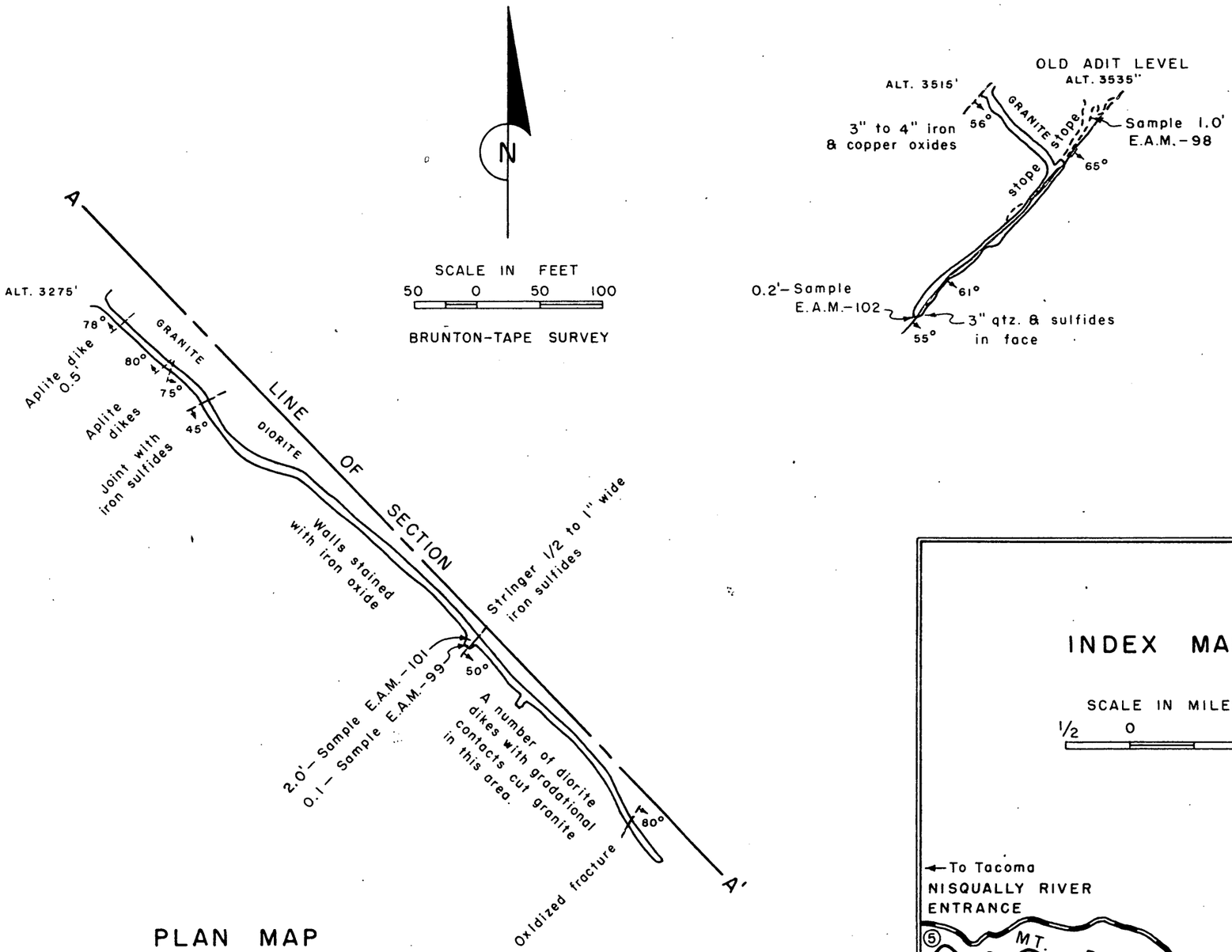
The applicant, in his late 70's, does not appear competent to carry out an extensive exploration program inasmuch as his health probably would not stand up.

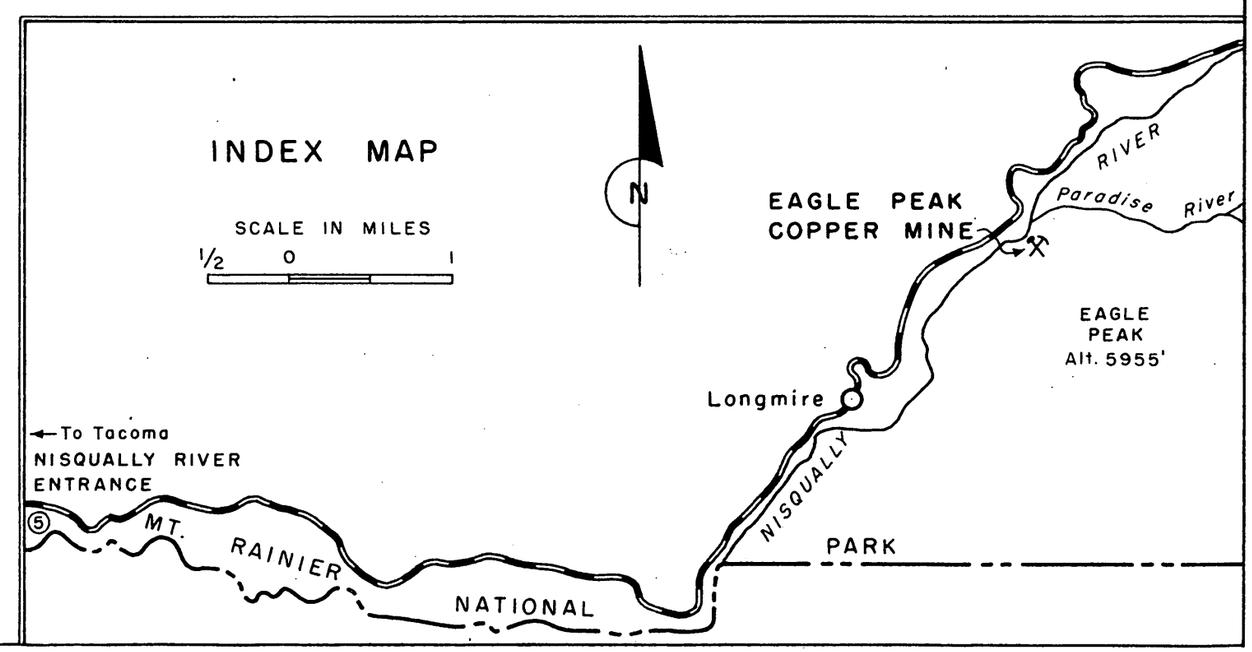
DISCUSSION OF PROPOSAL

The applicant has not clearly detailed an exploration program although his primary interest lies in bringing the property into production. Several carloads of ore have been produced from the upper adit workings; additional ore of the like grade undoubtedly could be mined from below the adit level. However, from the samples taken and the reported grade of the shipments, it is unlikely that the property warrants an exploration loan.

Defense Minerals Administration

SAMPLE No.	Oz. per ton		Percent		REMARKS
	Au	Ag	Cu	Co	
E.A.M.—98	0.21	0.4	.08	0.61	Lense on E. side of old upper adit.
99	0.66	0.7	2.25	.31	Stringer in main X-cut.
100	<.005	0.2			Prospect pit to S. of X-cut.
101	<.005	0.1	0.02	<.05	2 ft. in footwall of No. 99.
102	0.05	2.2	5.86	<.05	Vein in face of upper drift.





E.A.MAGILL, ENG'R. — SEPT. 1951

Figure 1. — Plan map, Eagle Peak copper mine, Lewis County, Wash.

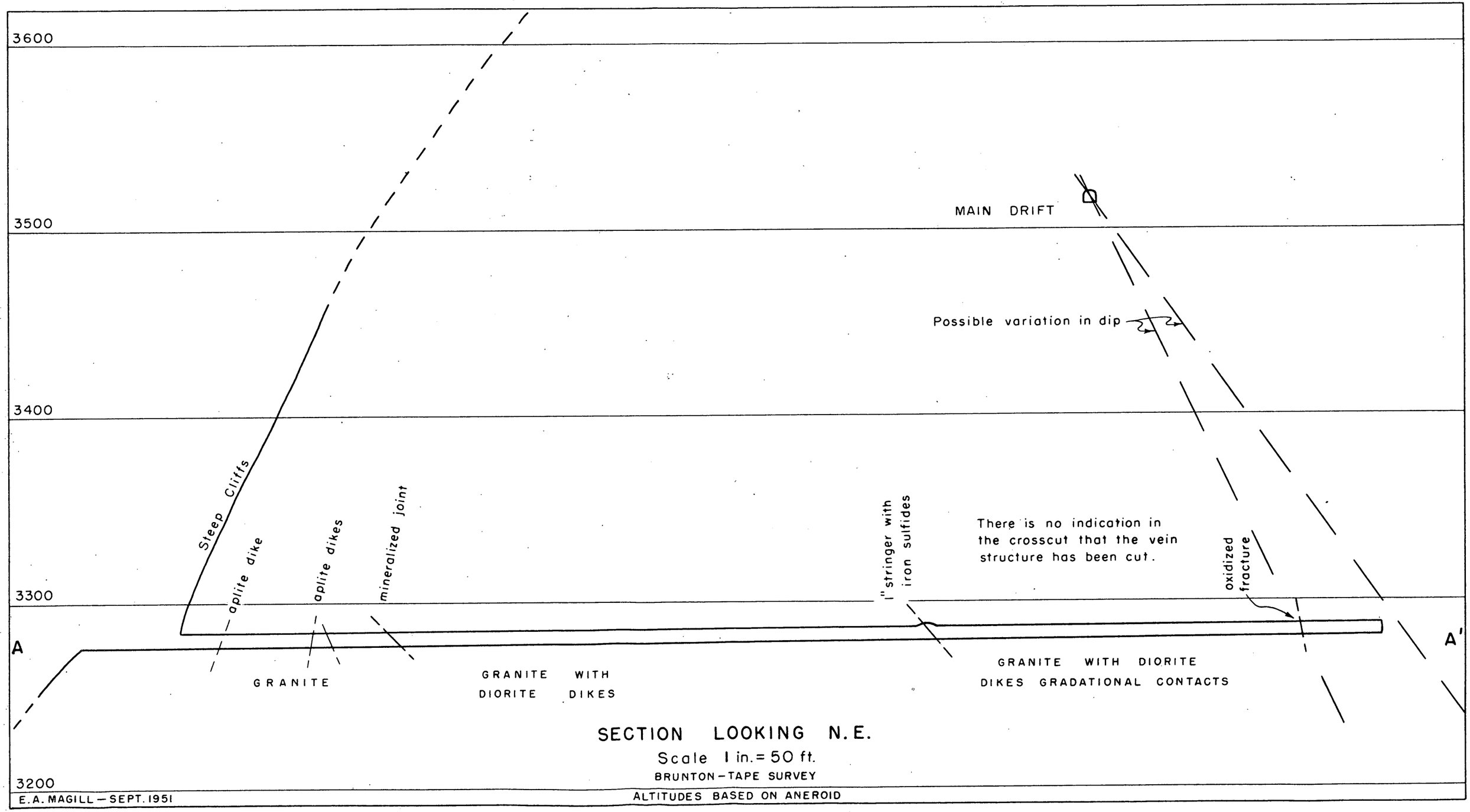


Figure 2. — Section A-A', Eagle Peak copper mine, Lewis County, Wash.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 2216

Date received 11-5-51

Participation

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washing ton

Name and address of applicant

Date July 23, 1951

FILL IN THIS BLOCK

Date of application July 23, 1951

Estimated cost

Mineral or metal Gold, Silver, Copper, Cob olt, Nickle, Uranium

Percentage of Government participation

Location of mine Inside Rainier National Park

Date of filing MF-100 July 23, 1951

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By R. H. Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Eagle Peak Copper Mining Company
D on 291
Entonville, Washington July 23, 1952

20. Cob olt nickle, tungsten, uranium, copper, gold, silver. Fisher ore deposits, sulphide ore

21. we propose to drill about 200 ft. to contanct of ore body's, and b uild a flotation mill, This will take about 12 months. at the same time the ore that was removed could be shipped.

22.

23.(a) Labor:
2 Miners-
2 Muckers-
2 Timberman-
1 Tramline man-
3 Mill men-

(b) Supervisors:
1 General Manager
1 Mining Foreman
1 Mill Foreman
1 Personal Manager and Purchasing Agent
1 Bookkeeper

(c) Repairs:
Bunker 100.00

(d) Installation of new structures:
Mine entrance and snow shed for crosscut- 500.00
Mill building- 5000.00

(e) Equipment:
2 drills
1 compressor
Steel 1000.00
Ore car- 300
Track 1000.00
12 ton powder caps and fuse 5000.00

(f) Rental equipment:
3 Trucks to haul ore.

(g) Equipment to rent:
1 Gas engine
1 Jack hammer
(h) Nails, bolts, repairs.

Form MP-103

Page 1

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

July 23, 1951

1. Answer on Form MP-100
2. Answer on Form MP-100
3. Answer on Form MP-100
4. Answer on Form MP-100
5. Answer on Form MP-100
6. There are no claims or liens, against the property.
7. Not lessee
8. Property not in production.
9. The applicant is prepared to pay 10% of the investment, part of which he wishes to be in the form of lumber which he can supply, and which there will be a need for. The mine will require about 50,000 ft. of timbers and lumber. This he will furnish at current market prices.

10. The Eagle Peak Copper Mining Company, consisting of two claims, Paradise No.1. Two openings- a crosscut 630ft. a drift 300fft. The Aldala, a small opening about 30 ft.
(b)

11. Answer on Form MP-100
12. Answer on Form MP-100
13. Answer on Form MP-100
14. Answer on Form MP-100
15. The ore could be shipped to Tacoma, by rail from Ashford, or trucked to Tacoma. There are no mills in this part of the country except the Tacoma Smelter, which doesn't pay for anything except gold, silver, and copper. The ore could be shipped to eastern Washington or Idaho. The applicant wishes to build a flotation plant mid-way between Ashford and the park entrance. He has the lumber and timbers for this mill, and also some old machinery that could be used if necessary.
16. Answer on Form MP-100
17. Answer on Form MP-100
18.

19.

Eagle Peak Copper Mining Company
Box 291
Eatonville, Wahington

July 23, 1951

23. (i) Power:

Deisel Oil	1000.00
Gasoline	1000.00
2 Kolar light Plants	1000.00

23 (d) Cost of installation fo Mill.

1 Crusher
1 Set of Rolls
1 Fine Grinder
4 Motors
B elts
Pullies
Shafting
Skreening

(i) Power for the mill:

Electricity	200.00

25% for overhead

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

July223, 1951

R. H. Wheelock

President and Manager

Form MF-103
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmm 2216

Date received 11-5-51

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Wash.

Name and address of applicant

Date July, 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 6 1951

5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R.H.Wheelock	D Pres.Manager	none	none	40,000		none	none
August Lundin	Vice-Pres.D	none	not known	1,700		none	none
R.P. Crisman	Sec. & Treas	none	none	100		none	none
A.H. Backe--dead		none	none	1,500		none	none
Jay Walker--dead		none	none	5,000		none	none
Martin Kangrude		none	none	1,500		none	none
	Total	none	x x x x x	49,700	none	x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ 150,000	$150,000	$ 1.00	150,000	none
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)		none	none	none	none
2. Quantity of product processed (specify unit of measure and type of process)		none	none	none	none
3. Quantity and grade of product sold or shipped (specify units of measure)		none	none	none	none

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll-period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By R H Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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—63792-1

Form MF-100

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington.

July, 23, 1951

1. Materials produced
(a) copper, silver, gold.
(b) cobalt, nickle, uranium.
2. Name of mine-Eagle Peak Copper Mining Co. Type of mine-hard rock.
Extent of workings
(a) no shafts
(b) drift 300 ft. crosscut 630 Ft.
(c) 960 ft of tunnels
(d) There is a small adit about 30 ft., but is hard to get to because of snow slides in the winter.

Mine is not flooded- there is considerable water in the crosscut, but the water runs freely from the mine.

The mine could produce at least 100 ton per day, this could be increased by the use of more men and equipment, and more than one shift per day.

3. Distance to towns and shipping points.

(a) The nearest town is Longmire, which is two miles south of the mine. This is the Government community inside the Rainier National Park. Ashford is about 16 miles southwest of Longmire and has a poplation of about 200. There is a railroad and could be used as a shipping point. Tacoma is about 60 miles from Longmire and the ore could be trucked there

(b) Mining district- Nisqually

((c) Township 15, Section 27, Range 8E Located inside the Rainier National Park.

(D) Lewis County, Washington State.

4.(a)The property is in partial operation, operated by R.H.Wheelock President and Manager.

(b) Owner

5. Number of years in production-from 1920 until 1928
The mine can be producing 60 days after money is aquired.

6. The applicant, R.H.Wheelock has owned the Eagle Peak Copper Mining Company for 60 years, working in it off and on for about 30 years, if the time was added together. He has also worked in an arsenic mine and helped build a plant for this mine, he worked in a coal mine for about a year. He has also owned and operated several small lumber mills. He has taken an I.C.S. course in Mining, Prospecting, and Engeneering.

(b) The applicant is also the manager of the project.

7.Histroy.

(a) The mine was discovered in 1891, there is 630 ft of crosscut, and 300 ft of drift. From 1919 until 1928 the mine was in partial production, shipping several car loads to the Tacoma Smelter. It was then relized that it would be necessary to build a mill in order to save all the materials in the ore. A jig and table mill was built but this did not prove successful so it was changed to a flotation mill. The flotation mill had only run about a month when the power plant was destroyed by fire, it was necessary to close down as there was no money to rebuild the power plant.

(b) The only other property is the Paradise Mining and Milling Co. which has been reclaimed by the Government.

(c) We have no private reports that would apply to the application. There has been several Government inspectors examine the mine. James A. Barr, Cox, Holly, O'Neil. They all gave us good verbal reports but not any written reports.

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington.

July 23, 1951

11. The mine is not now in production, But if the money was available to pay men and by equipment we could be producing 2,000 ton per month in less than six months.
12.

13. The property is located about 2 miles north of Longmire, 18 miles southeast of Ashford, 60 miles southeast of Tacoma Washington. There is a paved highway from Tacoma to the Park Entrance, Asphalt highway inside the Park to mines private road. Private road about 400', gravel surface. The road inside the park is kept open all winter by the Government. The private road could be kept open also.
14. Water Supply: There is sufficient water in the Paradise River for all year if we wished to use it.
15. Power: We propose to use gas engines for the mine, and diesel engines for the mill.
16. Labor: Two men- General labor.
17. Equipment and Facilities: One tram line capable of carring one-half ton, one gas engine in good condition. one small compressor, not large enough, one jack hammer in good condition. one ore bunker, one small cabin. One crusher not in good condition but could be repaired, one old rod mill and fine grinder. these could be salvaged and used if necessary. The flotation will have to be rebuilt.
18. The mine is inside the Rainier National Park. Located on Eagle Peak. There isn't any place close enough to separate the ore except the Tacoma Smelter, which does not pay for any minerals except Gold, Silver and Copper. It is necessary to build a mill to concentrate the ore. Unless the ore is shipped east, which would cost more in the long run than to build a mill here.

Eagle Peak Copper Mining Company

R H Wheelock

July 23, 1951

President and Manager

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 2216

Date received 11-6-51

Participation

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

Name and address of applicant

Date July 23, 1951

FILL IN THIS BLOCK

Date of application July 23, 1951 Estimated cost

Mineral or metal Gold, Silver, Copper, Cobalt Nickle, Uranium Percentage of Government participation

Location of mine Inside Rainier National Park

Date of filing MF-100 July 23, 1951 DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

FEB 1951

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By P. H. Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103

Page 1

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

July 23, 1951

1. Answer on Form MF-100
2. Answer on Form MF-100
3. Answer on Form MF-100
4. Answer on Form MF-100
5. Answer on Form MF-100
6. There are no claims or liens against the property.
7. Not lessee
8. Property not in production.
9. The applicant is prpared to pay 10% of the investment, part of which he wishes to be in the form of lumber, which he can supply, and which there will be a need for. The mine will require about 50,000 ft. of timbers and lumber. This he will furnish at currant market prices.

10. The eagle Peak Copper mining Company, consisting of two calims, Paradise No. 1. Two openings- a crosscut 630 ft, a drift 300 ft. The Aldula, a small opening about 30 ft.
(b)

11. Answer on Form MF-100
12. Answer on Form MF-100
13. Answer on Form MF-100
14. Answer on Form MF-100
15. The ore could be shipped to Tacoma, by rail from Ashford, or trucked to Tacoma. There are no mills in this part of the country except the Tacoma Smelter, which doesn't pay for anything except gold, silver and copper. The ore could be shipped to eastern Washington or Idaho. The applicant wishes to build a flotation plant mid-way between Ashford and the Park Entrance. He has the lumber and timbers for this mill, and also some old machinery that could be used if necessary.
16. Answer on Form MF-100
17. Answer on Form MF-100
18.

19.19.

Eagle Peak Copper Mining Company
B ox 291,
Eatonville, Washington

July 23, 1951

20. Coboltp nickle, tungsten, uranium, copper, gold, silver, Fisher ore deposits, sulphide ore.

21. We propose to drill about 200 ft. to contact of ore bodys, and build a flotation mill. This will take about 12 months. At the same time the ore that is removed can be shipped.
22.

23. (a) Labor:
2 Miners-
2 Muckers-
2 Timbermen-
1 Tramline man-
3 mill men-

(b) Supervisors:
1 General Manager
1 Mining Forman
1 Mill Forman
1 Personal Manager and Purchasing Agent
1 Bookkeeper

(c) Repairs:
Bunker- $100.00
(d)

(d) Installation of new structures:
Mine entrance and snow shed for crosscut- $500.00
Mill building 5000.00

(e) Equipment:
2 drills-
1 compressor
Steel
Ore car- 300.00
Track 1000.00
12 ton powder caps and fuse 5000.00
(f) Rental equipment:
3 Trucks to haul ore,

(g) 1 Gas engine
1 Jack hammer
(h) Nails, B olts, Repairs

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

July 23, 1951

23. (i) Power:

Deisel Oil-	1,000
Gasoline-	1,000
2 Kolar light Plants	1,000

23. (d) Cost of installation of mill.
1 Crusher
1 Set of Rolls
1 Fine Grinder
4 Motors
Belts
Pullies
Shafting
Skreening

(i) Power for the mill:

Electricity	200

25% for overhead

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

R H Wheelock

July 23, 1951

President and Manager

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 2216

Date received 11-5-51

Eagle Peak Copper Mining Company
Box 291
Eatonville, Washington

Name and address of applicant

Date July 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   ☒ Owner.
   ☐ Lessee.
   ☐ Contractor.
5. Number of years in production _____
   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

NOV 6 1951

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R.H. Wheelock	D Pres. Manager	none	none	40,000		none	none
August Lundin	Vice-Pres.	none	not known	1,700		none	none
R.P. Crisman	Sec. & Treas.	none	none	100		none	none
A.H. Backe--dead		none	none	1,500		none	none
Jay Walker--dead		none	none	5,000		none	none
Martin Kangrude		none	none	1,500		none	none
	Total	none	x x x x x	49,000		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ 150,000	$150,000	$ 1.00	150,000	none
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)		none	none	none	none
2. Quantity of product processed (specify unit of measure and type of process)		none	none	none	none
3. Quantity and grade of product sold or shipped (specify units of measure)		none	none	none	none

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Eagle Peak Copper Mining Company
(Name of company)

By R H Wheelock
(Signature of authorized official)

July 23, 1951
(Date)

President and Manager
(Title)

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—63792-1

Form IP-100

Eagle Peak Copper Mining Company
Box 291,
Eatonville, Washington.

July, 23, 1951

1. Materials produced
(a) copper, silver, gold.
(b) cobalt, nickle, uranium.
2. Name of mine-Eagle Peak Copper Mining Co. Type of mine-hard rock. Extent of workings
(a) no shafts
(b) drift 300 ft. crosscut 630 ft.
(c) 900 ft of tunnels
(d) There is a small adit about 30 ft., but is hard to get to because of snow slides in the winter.
Mine is not flooded- there is considerable water in the crosscut, but the water runs freely from the mine.
The mine could produce at least 100 ton per day, this could be increased by the use of more men and equipment, and more than one shift per day.
3. Distance to towns and shipping points.
(a) The nearest town is Longmire, which is two miles south of the mine. This is the Government community inside the Rainier National Park. Ashford is about 16 miles southwest of Longmire and has a poplation of about 200. There is a railroad and could be used as a shipping point. Tacoma is about 60 miles from Longmire and the ore could be trucked there
(b) Mining district- Mischally
((c) Township 15, Section 27, Range 08 Located inside the Rainier National Park.
(d) Lewis County, Washington State.
4. (a) The property is in partial operation, operated by R.E.Wheelock President and Manager.
(b) Owner
5. Number of years in production-from 1920 until 1920
The mine can be producing 60 days after money is acquired.
6. The applicant, R.E.Wheelock has owned the Eagle Peak Copper Mining Company for 60 years, working in it of and on for about 30 years, if the time was added together. He has also worked in an arsenic mine and helped build a plant for this mine, he worked in a coal mine for about a year. He has also owned and operated several small lumber mills. He has taken an I.C.S. course in Mining, Prospecting, and Engineering.
(b) The applicant is also the manager of the project.

7. History.
(a) The mine was discovered in 1891, there is 630 ft of crosscut, and 300 ft of drift. From 1919 until 1920 the mine was in partial production, shipping several car loads to the Tacoma Smelter. It was then realized that it would be necessary to build a mill in order to save all the materials in the ore. A jig and table mill was built but this did not prove successful so it was changed to a flotation mill. The flotation mill had only run about a month when the power plant was destroyed by fire, it was necessary to close down as there was no money to rebuild the power plant.
(b) The only other property is the Paradise Mining and Milling Co. which has been reclaimed by the Government.
(c) We have no private reports that would apply to the application. There has been several Government inspectors examine the mine. James A. Barr, Cox, Holly, O'Neil. They all gave us good verbal reports but not any written reports.

Form MP-100

Page 2

Eagle Peak Copper Mining Company
Box 291
Enumclaw, Washington

July 23, 1951.

11. The mine is not now in production, But if the money was available to pay men and buy equipment we could be producing 2,000 ton per month in less than six months.
12.

13. The property is located about 2 miles north of Longmire, 18 miles Southeast of Ashford, 60 miles southeast of Tacoma Washington. There is a paved highway from Tacoma to the Park Entrance, Asphalt highway inside the Park to the mines private road. Private road about 1400' gravel surface The road inside the park is kept open all winter by the Government. The private road could be kept open also.
14. Water Supply: There is sufficient water in the Paradise River for all year if we wishes to use it.
15. Power: We propose to use gas engines for the mine, and diesel engines for the mill.
16. Labor; Two men General labor
17. Equipment and Facilities: One ore tram capable of carring one-half ton, one gas engine in good condition. one small compressor, not large enough, one jack hamer in good condition., one ore bunker, one small cabin. One crusher not in good condition but could be repaired, one old rod mill and fine grinder, those could be salvaged and used if necessary. The flotation will have to be rebuilt.
18. The mine is inside the Rainier National Park. Located on Eagle Peak. There isn't any place close enough to separate the ore except the Tacoma Smelter, which does not pay for any minerals except Gold, Silver and Copper. It is necessary to build a mill to concentrate the ore. Unless the ore is shipped east, which would cost more in the long run that to build a mill here.

Eagle Peak Copper Mining Company

R. H. Wheelock

July 23, 1951

President and Manager

UNITED STATES
DEPARTMENT OF INTERIOR
OSCAR L. CHAPMAN-SECRETARY

DEFENSE MINERALS ADMINISTRATION

Report by Examination Team
Region II

DMA No. 2216 Eagle Peak Corner

Lewis County, Wash.

E. A. Magill
U. S. Bureau of Mines

October 3, 1951

EAGLE PEAK COPPER
Lewis County, Wash.

DMA Docket No._____

By E. A. Magill

RECOMMENDATIONS

It is recommended that the application of the Eagle Peak Copper Co. for an exploration loan be denied.

APPLICANT

The applicant is the Eagle Peak Copper Mining Co., Box 291, Eatonville, Wash. The president and manager of the company is R. H. Wheelock.

LOCATION

The property, consisting of 2 unpatented mining claims and a millsite, is in sec. 27, T. 15 N., R. 8 E., W.M., Nisqually mining district, Lewis County, Wash., and within the boundary of Rainier National Park, on the west slope of Eagle Peaks about 2 miles above Longmire and 1/4 mile east of the Rainier Highway. An excellent paved road, a few hundred feet from the mine camp, is kept open throughout the year.

OWNERSHIP

The property is held by the Eagle Peak Copper Mining Co.

HISTORY

The mine was first discovered in 1891. In 1906 the Eagle Peak Copper Mining Co. was incorporated. This company has held the two unpatented lode claims and millsite continuously since that time.

In 1911 the lower crosscut adit was started to intersect the vein exposed in the upper workings. Work was carried on intermittently in this adit. The last work to be done was in 1927.

During the middle 1920's a small flotation mill was constructed. The property has been dormant since 1928 when the mill plant was destroyed by fire.

Although detailed production records are not available, it is believed that mine output has not amounted to more than 200 tons. In 1919 about 100 tons were shipped in 3 lots. The grade of these lots is given as follows:

Lot No.	Copper, percent	Gold, ounces per ton
1	4.00	1.0
2	10.00	0.25
3	6.00	

Patty 1/ reports an 18-ton shipment which assayed: gold, 0.09 ounces per ton, silver 1.87 ounces per ton, and copper 8.05 percent.

DESCRIPTION OF PROPOSAL

The applicant, primarily concerned with bringing the mine into immediate production, proposes to continue the lower crosscut adit to intersect the ore body exposed in the upper workings, raise on the vein, and construct a flotation mill. A cost estimate of this program has not been presented.

1/ The Metal Mines of Wash., Wash. Geol. Survey Bull. 23, 1921, p. 310.

TECHNICAL FEASIBILITY

Geologic Setting

The vein exposed in the upper drift of the Eagle Peak mine strikes S. 35 W., dips 55 to 65 degrees to the south, and ranges in width from a few inches to about five feet. It consists chiefly of quartz, chalcopyrite, arsenopyrite, pyrite, bornite and copper and iron oxides. Alteration of the granitic wall rock is not pronounced. A series of flat-dipping joints or minor slips apparently have controlled mineralization to some degree. Two such features are exposed in the stopes above the upper drift near the back of the stope and just above the adit level. In each case, the vein is displaced several feet and is lean for several feet both above and below the offset. The vein also tends to pinch along the strike. The ore shoot exposed in the stope is about 80 feet long and up to 5 feet wide. At the drift face, however, the vein pinches to only a few inches.

A sample (EAM-98) taken near the portal of the old drift, about 15 feet higher than the present drift level, gave a slight reaction on the gieger counter. Spectographic and analytical determinations on this were reported as follows:

Al	5 to 10 percent	Mn	0.01 to 0.1
As	over 10	Ni	0.01 to 0.1
Bi	0.01 to 0.1	Si	5 to 10 percent
Ca	0.1 to 1.0	Ti	0.1 to 1.0
Cu	0.1 to 1.0	V	0.01 to 0.1
Mg	1 to 5	Mo	0.01 to 0.1
Ag	0.001 to 0.01	Zr	0.01 to 0.1
Co	1 to 5	B	0.001 to 0.01
Fe	over 10		

Copper - 0.08 percent
Cobalt - 0.61 percent
Gold - 0.21 oz. per ton
Silver - 0.40 oz. per ton

A 600-foot crosscut adit has been driven 700 feet southwest from the upper workings and 235 feet lower in elevation. This adit, driven in a southeast direction to crosscut ore exposed in the upper workings, is in granite. About 200 feet from the adit face a number of diorite dikes having gradational contacts cut the granite. At a point 230 feet from the face, a narrow stringer of pyrite 1/2 to 1" wide striking S. 40° W. and dipping 50° east, was penetrated . A sample cut from this structure was assayed with the following results:

Copper - 2.25 percent
Cobalt - 0.31 percent
Gold - 0.66 ounces per ton
Silver - 0.7 ounces per ton

The diorite footwall along this stringer was sampled with the following results:

Copper - 0.02 percent
Cobalt - less than 0.05 percent
Gold - less than 0.005 ounces per ton
Silver - 0.1 ounces per ton

It is doubtful that the vein exposed in the upper working has been cut by the lower crosscut adit (see cross section). There is also the question of whether this vein structure may be projected 400 feet on its strike and 300 feet on its dip. There is a suggestion in the upper workings that the vein may be flattening toward the south.

MINE WORKINGS

Mine workings (see map) consist of 300 feet of drifting at an altitude of 3,515 feet and 630 feet of crosscutting at an altitude of 3,275 feet.

RESERVES

There are no measurable ore reserves in the Eagle Peak Copper Mine.

MILLING METHOD

The small mill formerly on the property initially used jigs and tables for concentration. As the ore apparently was not amenable to gravity concentration, the plant was converted to flotation. About a month after conversion the mill burned.

RATE OF PRODUCTION

The property is not in production.

MARKETING FACILITIES

Copper concentrates or crude ore can be shipped to the American Smelter and Refining Co., smelter at Tacoma, Wash.

EQUIPMENT

Installed

Facilities and equipment installed are as follows:

1,300 feet tram line with 1/2-ton bucket operated by 4 cyl. gas engine.
Cabin 12' x 14' (good repair)
Air compressor l.r. 105 cfm driven by Pelton wheel
Jackhammer
Rail
2 mine cars
Pipe
Misc. small tools

Required

If an exploration program should be undertaken, all items of equipment required to carry out the program would have to be purchased.

LABOR SUPPLY

Labor for a small operation probably could be obtained locally. It would be necessary, however, to compete with wages ranging from $15 to $20 per day currently paid by the logging industry. There are accommodations for several workers at the mine.

POWER

Power for a temporary operation would have to be furnished by either portable gasoline or Diesel units. However, the applicants claim water rights for generating power from the nearby Paradise River. Power has been developed from this source in the past.

TRANSPORTATION

A tramline is required to bring ore and supplies from the mine portals to the Nisqually River road. An existing 1/2-ton tram serves the upper adit. To service the lower crosscut adit it would be necessary either to install about 900 feet of tramline or to construct about 1,500 feet of road including a 30-foot bridge over the Paradise River. Ashford, the nearest rail facility, is 18 miles over a paved highway. The A. S. & R. smelter at Tacoma is 60 miles from the mine by paved highway.

COMPETENCE OF APPLICANT

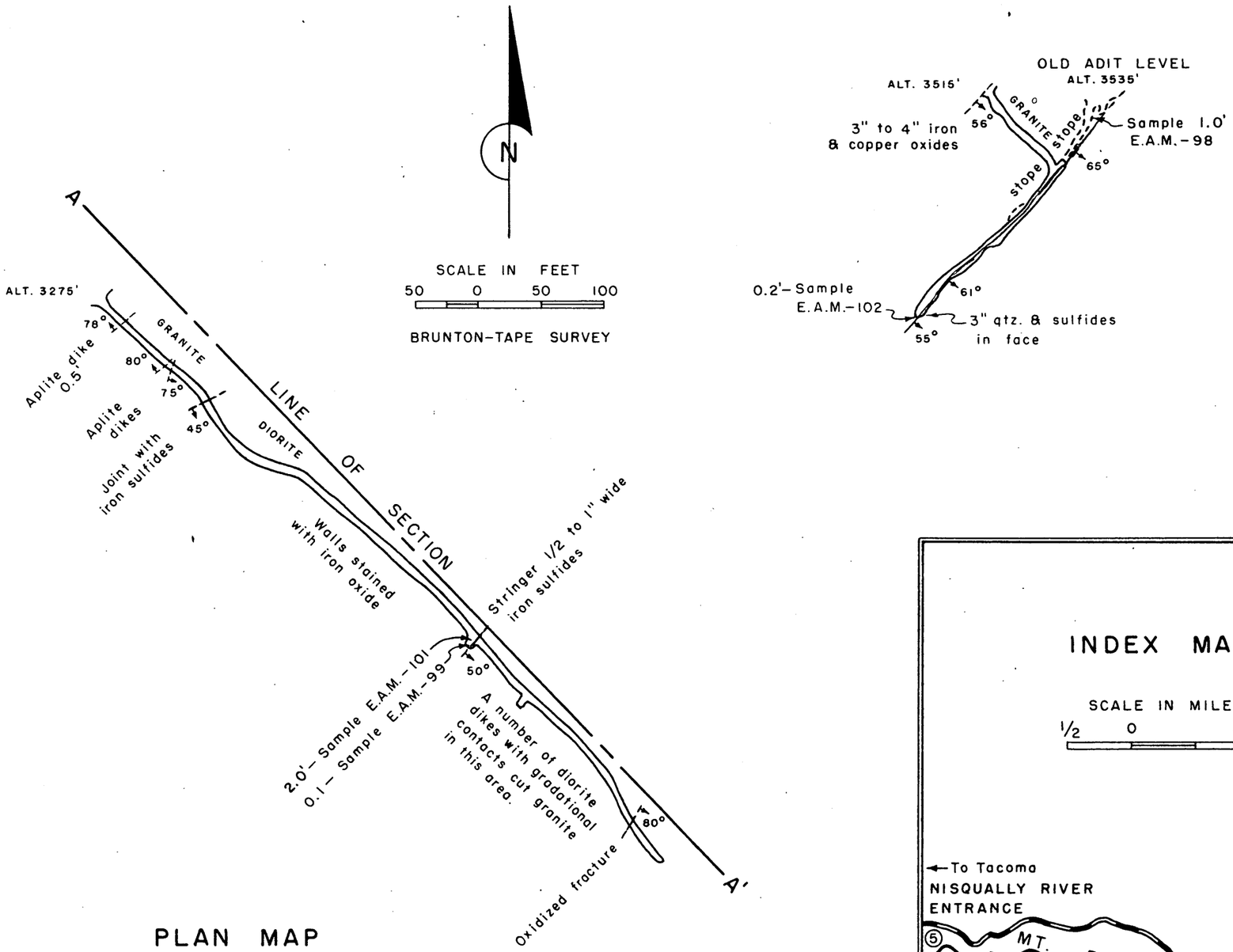
The applicant, in his late 70's, does not appear competent to carry out an extensive exploration program inasmuch as his health probably would not stand up.

DISCUSSION OF PROPOSAL

The applicant has not clearly detailed an exploration program although his primary interest lies in bringing the property into production. Several carloads of ore have been produced from the upper adit workings; additional ore of the like grade undoubtedly could be mined from below the adit level. However, from the samples taken and the reported grade of the shipments, it is unlikely that the property warrants an exploration loan.

Defense Minerals Administration

SAMPLE No.	Oz. per ton		Percent		REMARKS
	Au	Ag	Cu	Co	
E.A.M.—98	0.21	0.4	.08	0.61	Lense on E. side of old upper adit.
99	0.66	0.7	2.25	.31	Stringer in main X-cut.
100	<.005	0.2			Prospect pit to S. of X-cut.
101	<.005	0.1	0.02	<.05	2 ft. in footwall of No. 99.
102	0.05	2.2	5.86	<.05	Vein in face of upper drift.



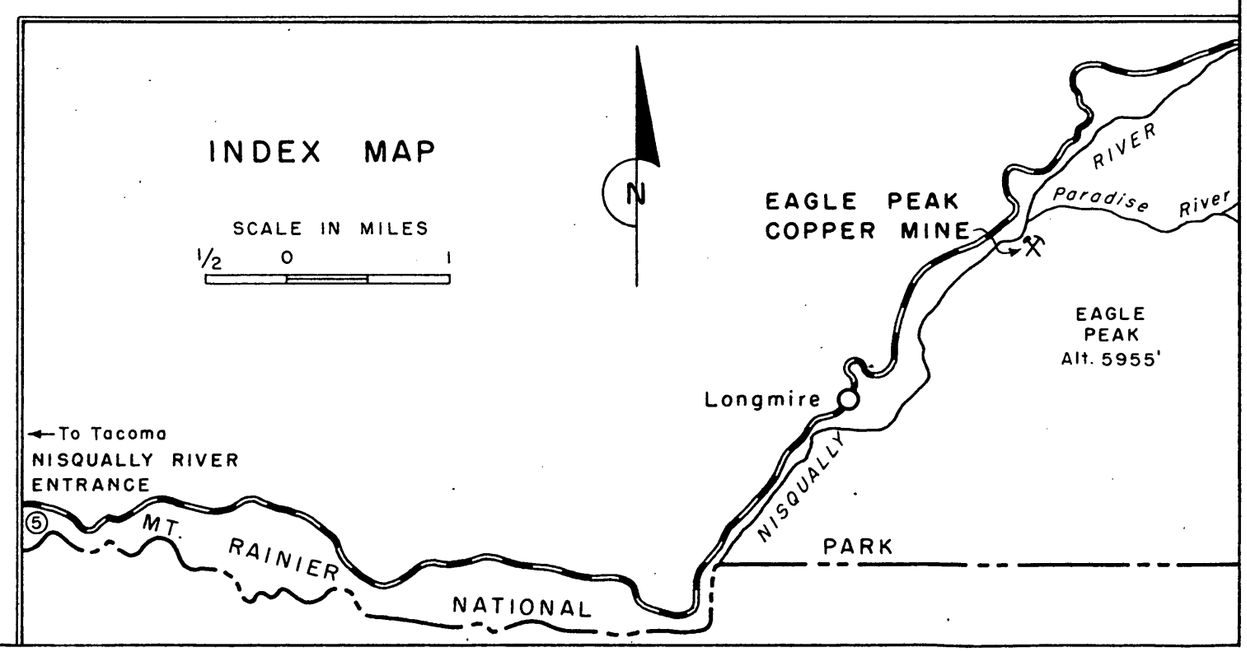


Figure 1. — Plan map, Eagle Peak copper mine, Lewis County, Wash.

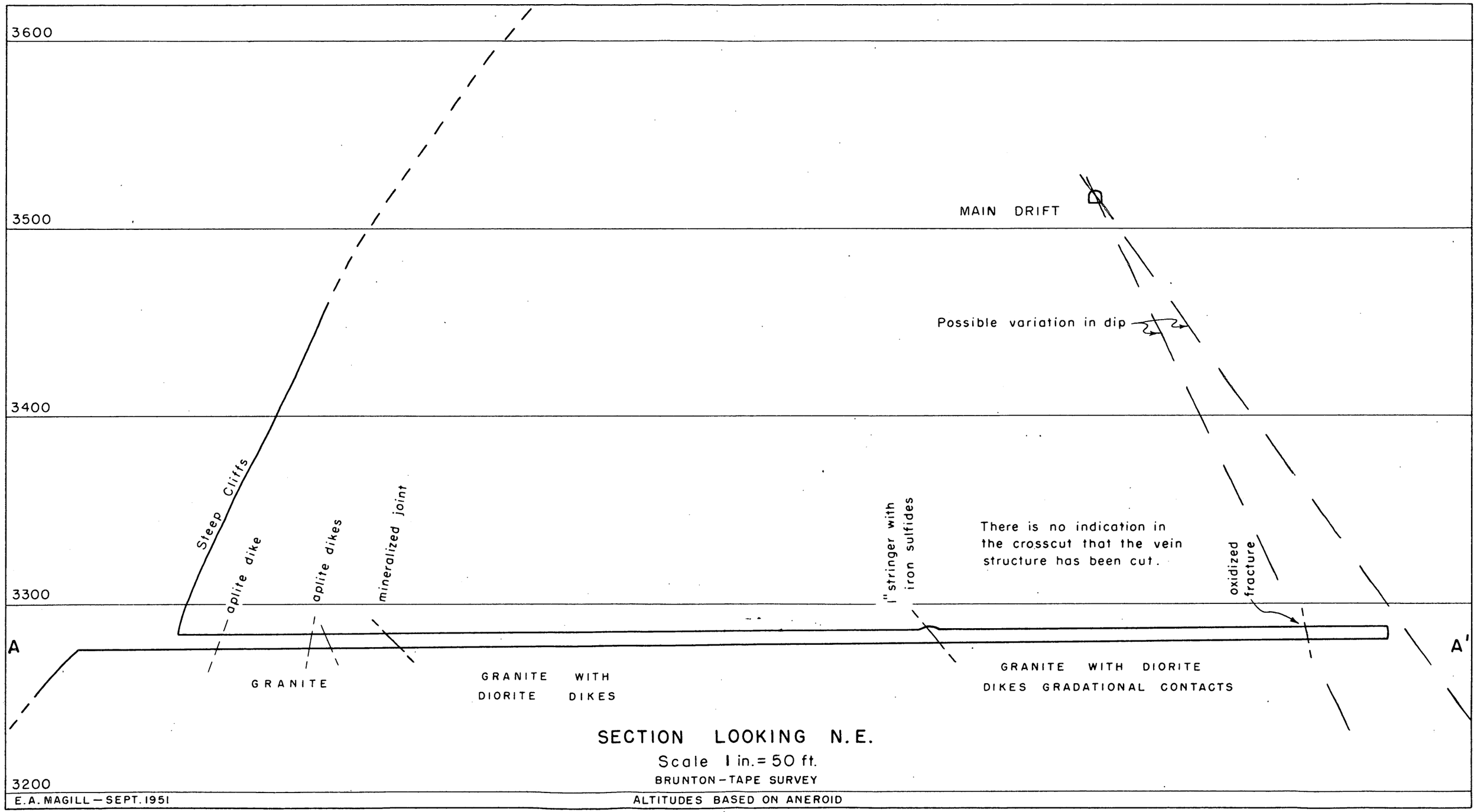


Figure 2. — Section A-A', Eagle Peak copper mine, Lewis County, Wash.