DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 317X

317 aa

To: Reports and Records Branch

From: Tungsten Branch DMA

Date: August 22, 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to Reports and Records Unit - through Director, Supply Division

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 317X

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

_____

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

To:	Mr. Lyon	Date	8-22-51 AUG 23 1951
To:	210	Date	
To:	130	Date	4-25-57
To:	100	Date	4-26-59
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

COPY OF NSRB FORM WITH MAPS IN OTHER FILES

FILE COPY
SURNAME:

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

Holderer
Lemmon
Thayer
Geehan

AUG 24 1951

a.e.e

Ace Gold Mines, Inc.
315 Weisgerber Building
Lewiston, Idaho

In reply please refer to
DMA-317-X Tungsten

Gentlemen:

We have carefully reviewed the report of our field engineers on your property and we do not believe that the deposit contains sufficient tungsten mineralization to merit an exploration loan for tungsten.

Therefore, we regret that we must deny your application.

Very truly yours,

Tom Lyon
Director, Supply Division

JF 8/24

TJBallard:ec
August 20, 1951

CC: Adm. Reading File
Reports & Records Unit
Mr. Holderer
Mr. Lemmon
Field Team, Region II
Mr. Geehan
Files

340 FILE COPY
SURNAME:

Holderer
Ballard
Thayer
Geehan

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

AUG 24 1951

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Tungsten Branch

Subject: DMA-317X Tungsten, Ace Gold Mines, Inc.
315 Weisgerber Building, Lewiston, Idaho
Property - Shamrock Mine, Idaho County, Idaho

The property was examined by our field team who report the deposit to be marginal or submarginal. Previous assays shown on the map submitted by the field indicate a very low WO_3 average.

It is therefore necessary to deny the application.

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

9/8/24

Approved:

Director, Supply Division

TJBallard:ec
August 20, 1951

CC: Adm. Reading File
Reports & Records Unit
Mr. Holderer
Mr. Lemmon
Mr. Geehan
Regional Field Team Region II
Files

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

AUG 24 1951

G.E.C.

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Tungsten Branch

Subject: DMA-317X Tungsten, Ace Gold Mines, Inc.
315 Weisgerber Building, Lewiston, Idaho
Property - Shamrock Mine, Idaho County, Idaho

The property was examined by our field team who report the deposit to be marginal or submarginal. Previous assays shown on the map submitted by the field indicate a very low WO_3 average.

It is therefore necessary to deny the application.

Attachment

George B. Holderer
Chief, Tungsten Branch

Approved:

Tom Lyon
Director, Supply Division

8/20/51

Contents of File to "Reports & Records
DMA-317 X Tungsten, Ace Gold Mines, Inc.

1- Copy NSRB-146 "Bound in Folder with following attachments:-
1-letter Wellman Clark to DMA. 2/8/51
typed pages additional data pages 13, 14, 15, 15a. & 16.
2- forms NF-103 with 3 attached sheets

Correspondence

1- copy letter to USBM - ~~last page missing~~ Ace Gold Mines 11/7/51
1 " " Herrest to Dworshak 1/16/51
1- note on telephone conversat 4/11/51
1- copy memo Bradley to Strobel 5/15/51
1- " letter Lyon to Ace Gold 5/15/51
1- file contents to Strobel 5/15/51
1- copy letter Holderer to Dworshak 5/18/51
attached copy letter Ace Gold to Dworshak 4/2
1- copy letter Bradley to Dworshak 5/21/51
1- " " Lyon " Ace 6/20/51
1- " File to Field 6/22/51
1- " letter Lyon to Weissenborn 6/22/51
1- " " Strobel " Funke 6/22/51
1- " " Lyon " Weissenborn 6/22/51
1- " " " " Ace Gold 6/22/51
2- " " Weissenborn " Strobel 7/16/51
4- " " " " Holderer 7/16/51
1- Copy of NF-100 & attachments

FILE COPY
SURNAME:

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

A.E.C. - Holderer

AUG 17 1951

Hon. Henry C. Dworshak
United States Senate
Washington 25, D. C.

In reply please refer to
DMA 3172

My dear Senator Dworshak:

This is in reply to your letter of August 10, 1951, in reference to the ce Gold Mines, Inc., DMA 3172.

A straight loan, such as the applicant originally requested, would have to come from the Reconstruction Finance Corporation. It is more than doubtful that it would be made as there is not sufficient collateral, either in proven ore reserves or equipment, to guarantee repayment.

The information accompanying the exploration loan application is insufficient to permit evaluation.

We, of course, are much interested in what Mr. Funke says about the good results on the adjoining property and would be glad to see the results should he care to send them.

Sincerely yours,

Acting Administrator JF 8/20

GBHolderer:dgs
August 16, 1951

CC: Adm. Reading File
Reports & Records Unit
Dep. Admin., Rm 4617
Mr. Holderer
Files

UNITED STATES SENATE
COMMITTEE ON PUBLIC WORKS

August 10, 1951

DMA 317-X

Mr. George B. Holderer
Chief, Tungsten Branch
Defense Minerals Administration
Room 3624 Interior Building
Washington 25, D. C.

Dear Mr. Holderer:

Pursuant to my secretary's telephone conversation with your office, I am writing to submit for your consideration information which was sent to me by Mr. Felix C. Funke, Secretary & Treasurer of the Ace Gold Mines, Inc., Lewiston, Idaho, in recent communications concerning scheelite ore on property immediately adjoining their holdings.

On June 12, Mr. Funke wrote that, "The property adjoining our holdings is now under extensive exploration and development by private capital, and a large tonnage of scheelite ore is already exposed. Our reason for mentioning this is because of our belief that the tungsten deposit in this particular area is quite extensive, and that a proper exploration program up at our mine will also substantiate this belief." I believe Mr. Funke referred to this in a letter he sent to Mr. Bradley at that time.

In a letter which Mr. Funke sent me under date of July 13, he stated: "I might state at this time that, on the adjoining tungsten property, which is owned by myself and associates, they have today uncovered some very rich additional sheelite ore."

In view of the urgent need for the production of increased supplies of tungsten, may I urge that you give this application your early and careful consideration.

Sincerely yours,

/s/ HENRY C. DWORSHAK

C O P Y

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

AUG 17 1951

Hon. Henry C. Dworshak
United States Senate
Washington 25, D. C.

In reply please refer to
DMA 3177

My dear Senator Dworshak:

This is in reply to your letter of August 10, 1951, in reference to the Ace Gold Mines, Inc., DMA 3177.

A straight loan, such as the applicant originally requested, would have to come from the Reconstruction Finance Corporation. It is more than doubtful that it would be made as there is not sufficient collateral, either in proved ore reserves or equipment, to guarantee repayment.

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Sincerely yours,

Acting Administrator

GBHolderer:dgs
August 16, 1951

CC: Adm. Reading File
Reports & Records Unit
Dep. Admin., Rm 4617
Mr. Holderer
Files

F-300

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8/14

REFERRED TO:

1. Code 3403624
2.
3.
4.

AUG 1 1951
Recd by
Mr. Holderer

FOR:

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

REMARKS: .....

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

pmf

DENNIS CHAVEZ, N. MEX., CHAIRMAN
JOHN L. MCCLELLAN, ARK. HARRY P. CAIN, WASH.
SPESSARD L. HOLLAND, FLA. EDWARD MARTIN, PA.
JOHN C. STENNIS, MISS. GEORGE W. MALONE, NEV.
ROBERT S. KERR, OKLA. HENRY C. DWORSHAK, IDAHO
THOMAS C. HENNINGS, JR., MO. FRANK CARLSON, KANS.
EARLE C. CLEMENTS, KY. FRANCIS CASE, S. DAK.

FRANK BURNETT, CHIEF CLERK

ans by Mr. Holderer
Aug 16, 1951

United States Senate

COMMITTEE ON PUBLIC WORKS

August 10, 1951

DMA 317-X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 1 5 1951

Mr. George B. Holderer
Chief, Tungsten Branch
Defense Minerals Administration
Room 3624 Interior Building
Washington 25, D. C.

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In view of the urgent need for the production of increased supplies of tungsten, may I urge that you give this application your early and careful consideration.

Sincerely yours,

Henry C. Dworshak

AUG 14 12 51 PM '51

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

DENNIS CHAVEZ, N. MEX., CHAIRMAN
JOHN L. MC CLELLAN, ARK.
SPESSARD L. HOLLAND, FLA.
JOHN C. STENNIS, MISS.
ROBERT S. KERR, OKLA.
THOMAS C. HENNINGS, JR., MO.
EARLE C. CLEMENTS, KY.
HARRY P. CAIN, WASH.
EDWARD MARTIN, PA.
GEORGE W. MALONE, NEV.
HENRY C. DWORSHAK, IDAHO
FRANK CARLSON, KANS.
FRANCIS CASE, S. DAK.
FRANK BURNETT, CHIEF CLERK

United States Senate

COMMITTEE ON PUBLIC WORKS

August 10, 1951

DMA 317-X

Mr. George B. Holderer
Chief, Tungsten Branch
Defense Minerals Administration
Room 3624 Interior Building
Washington 25, D. C.

Holderer
8/15

Dear Mr. Holderer:

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Sincerely yours,

Henry C. Dworshak

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 1 51951

FILE COPY
SURNAME:

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

docket mailed to JUN 22 1951

Holdeen
Lemmon
Guhan
McKnight for Rose

Mr. A. E. Weissenborn, Executive Officer
DMA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

DMA- 317-X
Ace Gold Mines, Inc.
Tungsten

Dear Mr. Weissenborn:

As a result of your telephone conversation with Lemmon on June 19, we are sending herewith the application of Ace Gold mines for an exploration project costing $10,470. We wish your recommendation about the proposal.

The application as submitted does not contain sufficient information to complete Exhibit A of the exploration contract. The adits to be opened should be specified, preferably on a map, and some justification should be given for opening 4 adits.

The equipment to be supplied by the applicant on a rental basis must be itemized, with costs of individual items.

The materials and supplies (question 23h) should be itemized, at least in part.

If the project appears to have merit, please arrange for the applicant to supply the data needed.

We are enclosing the exploration application (317-X) and the original docket (317) for your consideration.

There was an engineer's report by Wartes with the original docket; however, we are unable to locate it, and it must have been returned to the applicant.

Very truly yours,

Tom Lyon

Tom Lyon
Chairman, Coordinating Committee

Enclosure

McKnight
Geological Survey

Bureau of Mines

MDLemmon:ec
CC: Adm. Reading File
Mr. Strobel
Mr. Holderer
Regional Field Team Region II
Coordinating Committee
Mr. Lemmon
Files

FILE COPY
SURNAME:

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

Mailed McKnight for Rose
Noon

JUN 22 1951

Ace Gold Mines, Inc.
315 Weisgerber Building
Lewiston, Idaho

In reply please refer to
DMA-317-X

Gentlemen:

We are referring your application to Mr. A. E. Weissenborn, Executive Officer, DMA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington for the following additional information.

The application as submitted does not contain sufficient information to complete Exhibit A of the exploration contract. The adits to be opened should be specified, preferably on a map, and some justification should be given for opening 4 adits.

The equipment to be supplied by the applicant on a rental basis must be itemized, with costs of individual items.

The materials and supplies (question 23 h) should be itemized, at least in part.

Very truly yours,

Tom Lyon
Director, Supply Division

TJBallard:ec

CC: Adm. Reading File
Mr. Strobel
Regional Field Team
Mr. Holderer
Files

P.S. Please get in touch with Mr. Weissenborn.

FILE COPY
SURNAME:

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

June 20, 1951

Mr. F. C. Funke
Ace Gold Mines, Inc.
P. O. Box 368
Lewiston, Idaho

Subject: DMA-317X
Re: Exploration loan
Shamrocks, Number 1, 2, 3, 4, 5, and 6.

My dear Mr. Funke:

Receipt is acknowledged of your application and attachments of June 8, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-317X and was referred to Mr. George Holderer, Chief, Tungsten Branch on June 18, 1951.

In any future correspondence relating to your application, kindly refer to DMA-317X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:Jeb
cc: Strobel-2
Files
Holderer
Lyon

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

July 16, 1951

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed herewith are six copies of a memorandum, six signed copies of a contract and six copies of Exhibits "A", "B", "C", "D", "E", and a map for an exploration project with the Ace Gold Mines, Inc., Idaho County, Idaho, DMA Docket No. 317X. Will you please forward the above to the Chairman of the Tungsten Commodity Branch.

Also enclosed is the fourth copy of the original application.

Yours very truly,

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr.
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 23 1951
LANDON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 16, 1951

Through: Landon F. Strobel

Memorandum

To: George Holderer, Chairman
Tungsten Commodity Branch

From: Field Team, Region II

Subject: Ace Gold Mines, Inc.
Idaho County, Idaho
DMA Docket No. 317 X

Enclosed herewith are six copies of an exploration contract, six copies of Exhibits "A", "B", "C", "D", "E", and six copies of a Bureau of Mines map prepared in 1943 by L. E. Shaffer.

Accessible portions of the mine, which was operated as a gold mine, were examined by a geologist. The mine has followed a single strong quartz vein about 700 feet down the dip, although crosscutting in No. 9 level may have cut a second quartz vein and crosscutting in No. 1 level has shown a second strong quartz vein which contains scheelite.

Scheelite occurs in ore shoots in the quartz vein and in fractures both in the vein and in the quartzite country rock, the latter ore is definitely not large enough or in great enough quantity to be minable. Much of the scheelite has been lost during gold mining, but there are areas in the mine, other than pillars, which do contain scheelite.

As shown on the accompanying map (with the exhibits) made by L. E. Shaffer of the Bureau of Mines, previous assays have been low. It is possible that unsampled areas will have higher assays and that systematic sampling of previously sampled areas will show a higher grade. The purpose of the proposed exploration is to reopen parts of the mine so as to permit such sampling.

The mine can be considered as being only marginal or submarginal, and the Field Team would recommend approval of the application only if the tungsten situation is very critical.

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

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

Enclosures
cc: L.F. Strobel
U.S.B.M. Spokane
U.S.B.M. Albany

Dma-317X

Mr. Bradley

Rec. 6/14/51

ACE GOLD MINES, INC.
315 WEISGERBER BUILDING
LEWISTON, IDAHO

MINE: GOLDEN, IDAHO
GOLD
SILVER
TUNGSTEN

June 12, 1951

U. S. Department of the Interior
Defense Minerals Administration
Washington, D. C.

Gentlemen:

We herewith inclose four copies of application for aid for an exploration project pursuant to Mineral Order 5, under Defense Production Act of 1950.

We were not aware of the fact that these applications should have been mailed prior to May 31 and will therefore greatly appreciate your kind consideration of this application at this time. We trust that the information submitted will be sufficient for your favorable action; however, we shall be very glad to submit additional data if necessary.

We shall also appreciate any information you can give us regarding the rental of any additional equipment which may be needed other than as listed in the application.

You will note from the application that we have on the property our 50-ton gold processing mill which is available for any services in connection with our exploration program.

For your further information we might advise that at the present time there is quite an extensive prospecting and development program under way on the property adjoining our Ace Gold Mines holdings where quite a large body of scheelite ore is already exposed in bull-dozer cuts. This project is being financed by private capital and it appears that the exposed scheelite ore may extend for the entire distance up the hill to our mine, a distance of approximately one mile air-line.

Kindly accept our sincere thanks for the cooperation we have received in connection with our DMA Application #317 and we sincerely trust and believe that upon completion of our exploration program the results will justify a production operation at our present property.

Yours very truly,

ACE GOLD MINES, INC.

By F. C. Funke

F. C. Funke

FF/nf

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERI

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-317X

Date received 6/14/51

Participation

Ace Gold Mines Inc.,
Box 368,
Lewiston, Idaho.

Name and address of applicant

Date June 8, 1951

FILL IN THIS BLOCK

Date of application June 8, 1951

Estimated cost $10,470.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Ten-mile Mining District,
Idaho County, Idaho.

Date of filing MF-100

DMA Docket Number, if available #317

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? 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. Page 1

*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? Purchaser on contract

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. 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. "New York" mine also knownas "Shamrock"
*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.

Ace Gold Mines Inc.,
(Name of company)

By [signature]
(Signature of authorized official)

6/8/51
(Date)

Secy. & Treas.
(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

The Applicant

1. Corporation
2. Refer to No. 1
3. Bernard J. Nigg--President & Director--Lewiston, Idaho
   John Nanninga--Vice-President & Director--Lewiston, Idaho
   F. C. Funke--Secy & Treas & Director--Lewiston, Idaho
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5 Largest Stockholders

Ernest Butler	Myrtle, Idaho
F. C. Funke	Lewiston, Idaho
Carl B. Funke	Lewiston, Idaho
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5. Purchaser on contract.
6. None
7. Lease in good standing.--Will submit copy if necessary.
8. ASSETS

Cash			$4.65
Prepaid Insurance			75.00
			79.65
Mining property	$239,804.25		
Buildings	6,104.16		
Machinery	42.627.97		
Furniture & Fixt.	37.04		288,573.42
			$288,653.07

LIABILITIES

Due Directors & Officers	$4349.96	
Wages & Salaries	3116.70	
Accounts Payable	4358.83	10,436.36
Conditional Sales Contracts		4.349.96
Balance on Purchase contract of mine		92,500.00
Common Stock Authorized	500,000.00	
Common Stock Unissued	318,633.25	
Capital stock outstanding		181,366.75
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[redacted]25% of the cost of th[redacted] exploration program, applying the rental value of our equipment as foll[redacted]s. Chevrolet pickup, $10[redacted] per day, Almost new Worthington 210 cu. ft. portable air compressor, $250.00 per month; One "Thor" jackhammer & one Ingersoll-Rand stope machine at $40.00, each per month. Total contribution for rental of our equipment for three months approximately $1770.00.

10. A & B Property known as the New York or Shamrock mine. Located in the Ten-Mile Mining District, in Idaho County, state of Idaho, and consisting of Ten lode-mining claims, comprising approximately 200 acres.

11. Known in the district as the New York or Shamrock mine.

12. Property located approximately 35 miles east of Grangeville, the county seat of Idaho county, Idaho. Distance from state highway to mining 4½ miles, which is a fair access road, excellent for trucks, and can also be easily negotiated by any passenger car.

13. Sufficient water supply for year around camp, mining and all milling purposes.

14. Good cook-house with adequate facilities and equipment to accomodate 10 to 12 men. First class bunk house, (18 x 40) ft. with stove & beds. First clas Machine & Blacksmith shop, (18 x 34) with concrete floor and metal roofing, and completely equipped to service mine and mill. 3000 ft. mine rails: 1 ore car and misc. hand tools: 50 ton mill, diesel-electric powered for processing of gold recoveries only.

15. Ore can be processed at our own mill, located within 72 feet of the lower or number one tunnel, when additional equipment is installed for the recovery of the Tungsten values.

16. The mine is developed by a series of adits, and mining of Tungsten ore will take place by means of adits and stopes. The vein structure has been developed by 11 adits over a total distance along the vein of about 500 ft. Stoping has been done from the lowest level, or No. 1, on up to successive levels to No. 11 at the top. Past mining has been for Gold only, even though samples taken in 1944, indicated presence of Scheelite running as high as 6.4 per cent WO3.

17. Mine not in production at present time, since we have no milling equipment for the recovery of Tungsten values, which occur in the gold ore vein, and the Tungsten values would be lost with present milling conditions.

18. No attempt ever made to recover the Tungsten values, the presence of which was not observed prior to November, 1943.

20. Exploration will be carried on for the purpose of opening up additional scheelite ore.

21. The proposed work will be for the purpose of opening 4 adits now caved in, and cleaning out existing workings in preparation for proper sampling.

22. See Engineer's report furnished with DMA application #317

23. (a)

1 Miner	3 months	$1080.00	
1 Miners helper	3 "	1008.00	
1 Timber framer	3 "	1008.00	
1 Foreman	3 "	1080.00	
1 Cook	3 "	600.00	
		$4776.00	$4776.00

(b) 1 Supervisor, part time 3 " 450.00 450.00

(c) None

(d) None

(e) Air & water pipe, wheel-barrows & Misc. items for opening upper workings, beyond reach of present equipment. 900.00

(f) None

(g) Rental value of equipment owned by operator to be devoted to the work 1770.00

(h) Materials & supplies 2575.00

(i) None

Total estimate $10470.00

24. Three months to complete opening of adits, timbering, and cleaning out caved in stopes and limited amount of developing to expose additional Scheelite ore for sampling.

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-317X

Date received 6/14/51

Participation

Ace Gold Mines, Inc.,
Box 368
Lewiston, Idaho

Name and address of applicant

Date June 8, 1951

FILL IN THIS BLOCK

Date of application June 8, 1951

Estimated cost 10,470.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Ten-Mile Mining District
Idaho County, Idaho

Date of filing MF-100

DMA Docket Number, if available #317

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? 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. Page 1

*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? Purchaser on contract

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. 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.

Ace Gold Mines Inc.,
(Name of company)

By [signature]
(Signature of authorized official)

6/8/51
(Date)

Secy. & Treas.
(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.

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(b) 1 Supervisor, part time 3 " 450.00 450.00

(c) None

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(f) None

(g) Rental value of equipment owned by operator to be devoted to the work 1770.00

(h) Materials & supplies 2575.00

(i) None

Total estimate $10470.00

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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-317X

Date received 6/14/51

Participation

Ace Gold Mines Inc.,
Box 368
Lewiston, Idaho

Name and address of applicant

Date June 8, 1951

FILL IN THIS BLOCK

Date of application June 8, 1951

Estimated cost $10,470.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Ten-Mile Mining District
Idaho County, Idaho

Date of filing MF-100

DMA Docket Number, if available #317

INSTRUCTIONS

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*1. Is applicant an individual, partnership, or corporation? 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. Page 1

*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? Purchaser on contract

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. 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.

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16—64067-1

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State amount of power to be used, rate per hour or other cost, and source.

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(Name of company)

By [signature]
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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-317X

Date received 6/14/51

Participation

Ace Gold Mines, Inc.,
Box 368
Lewiston, Idaho

Name and address of applicant

Date June 8, 1951

FILL IN THIS BLOCK

Date of application June 8, 1951

Estimated cost $10,470.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Ten-Mile Mining District
Idaho County, Idaho

Date of filing MF-100

DMA Docket Number, if available #317

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? Corporation
*2. If a partnership, state names and addresses of partners. ~~Page 1~~
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. Page 1
*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? Purchaser on contract
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. 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.

Ace Gold Mines Inc.,
(Name of company)

By [signature]
(Signature of authorized official)

6/8/51
(Date)

Secy. & Treas.
(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

The Applicant

1. Corporation
2. Refer to No. 1
3. Bernard J. Nigg--President & Director--Lewiston, Idaho
   John Nanninga--Vice-President & Director--Lewiston, Idaho
   F. C. Funke--Secy & Treas & Director--Lewiston, Idaho
   B. M. Kelsch--Director--Grangeville, Idaho
   Levi Rosseho,--Director--Genesee, Idaho

5 Largest Stockholders

Ernest Butler	Myrtle, Idaho
F. C. Funke	Lewiston, Idaho
Carl B. Funke	Lewiston, Idaho
Bernard J. Nigg	Lewiston, Idaho
B. M. Kelsch	Grangeville, Idaho

4. Business Mgr. F. C. Funke, 1919-1935 Office & Sales Manager, Dodge-Plymouth dealership, Lewiston, Idaho., 1935-1940 Wholesale & Retail Sales Mgr. Dodge-Plymouth distributorship, Walla Walla, Wash. 1940-1943 Owner & Operator Studebaker dealership, Lewiston, Idaho. 1943-1950 Mining. Project Mgr. James F. Collard. 1938-1945, Mine Scout & Superintendent for L. K. Requa, Felt Building, Salt Lake City, Utah. 1945-1947 Subsidiary Supt. Bradley Mining Co., Stibnite, Idaho

5. Purchaser on contract.
6. None
7. Lease in good standing.--Will submit copy if necessary.
8. ASSETS

Cash		$4.65
Prepaid Insurance		75.00
		79.65
Mining property	$239,304.25	
Buildings	6,104.16	
Machinery	42,827.97	
Furniture & Fixt.	37.04	288,573.42
		$288,653.07

LIABILITIES

Due Directors & Officers	$4349.96	
Wages & Salaries	3116.70	
Accounts Payable	4358.33	10,436.36
Conditional Sales Contracts		4,349.96
Balance on Purchase contract of mine		92,500.00
Common Stock Authorized	500,000.00	
Common Stock Unissued	$318,663.25	
Capital stock outstanding		181,336.75
		$288,653.07

9. 25% of the cost of the exploration program, applying the rental value of our equipment as follows. Chevrolet pickup, $10.00 per day, almost new Worthington 210 cu. ft. portable air compressor, $250.00 per month; One "Thor" jackhammer & one Ingersoll-Rand stope machine at $40.00, each per month. Total contribution for rental of our equipment for three months approximately $1770.00.

10. A & B Property known as the New York or Shamrock mine. Located in the Ten-Mile Mining District, in Idaho County, state of Idaho, and consisting of Ten lode-mining claims, comprising approximately 200 acres.

11. Known in the district as the New York or Shamrock mine.

12. Property located approximately 35 miles east of Grangeville, the county seat of Idaho county, Idaho. Distance from state highway to mining 4½ miles, which is a fair access road, excellent for trucks, and can also be easily negotiated by any passenger car.

13. Sufficient water supply for year around camp, mining and all milling purposes.

14. Good cook-house with adequate facilities and equipment to accomodate 10 to 12 men. First class bunk house, (18 x 40) ft. with stove & beds. First class Machine & Blacksmith shop, (18 x 34) with concrete floor and metal roofing, and completely equipped to service mine and mill. 3000 ft. mine rails: 1 ore car and misc. hand tools: 50 ton mill, diesel-electric powered for processing of gold recoveries only.

15. Ore can be processed at our own mill, located within 72 feet of the lower or number one tunnel, when additional equipment is installed for the recovery of the Tungsten values.

16. The mine is developed by a series of adits, and mining of Tungsten ore will take place by means of adits and stopes. The vein structure has been developed by 11 adits over a total distance along the vein of about 500 ft. Stoping has been done from the lowest level, or No. 1, on up to successive levels to No. 11 at the top. Past mining has been for Gold only, even though samples taken in 1944, indicated presence of Scheelite running as high as 6.4 per cent WO3.

17. Mine not in production at present time, since we have no milling equipment for the recovery of Tungsten values, which occur in the gold ore vein, and the Tungsten values would be lost with present milling conditions.

18. No attempt ever made to recover the Tungsten values, the presence of which was not observed prior to November, 1943.

20. Exploration will be carried on for the purpose of opening up additional scheelite ore.

21. The proposed work will be for the purpose of opening 4 adits now caved in, and cleaning out existing workings in preparation for proper sampling.

22. See Engineer's report furnished with DMA application #317

23. (a)

1 Miner	3 months	$1080.00	
1 Miners helper	3 "	1008.00	
1 Timber framer	3 "	1008.00	
1 Foreman	3 "	1080.00	
1 Cook	3 "	600.00	
		$4776.00	$4776.00

(b) 1 Supervisor, part time 3 " 450.00 450.00

(c) None

(d) None

(e) Air & water pipe, wheel-barrows & Misc. items for opening upper workings, beyond reach of present equipment. 900.00

(f) None

(g) Rental value of equipment owned by operator to be devoted to the work 1770.00

(h) Materials & supplies 2575.00

(i) None

Total estimate $10470.00

24. Three months to complete opening of adits, timbering, and cleaning out caved in stopes and limited amount of developing to expose additional Scheelite ore for sampling.

MF-200
(April 1951)

Docket No. DMA 317 X
Commodity Tungsten

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Ace Gold Mines, Inc.
Box 368
Lewiston, Idaho

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Idaho, County of Idaho described as follows: [3] Shamrook Mine located in the Ten Mile Mining District, T. 29 N., R. 6 E.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Tungsten; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 3 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator 75 percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $5,231.25, which is 75 percent of the agreed estimated total cost of this project, $6,975.00.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

Alex Gold Mining Inc
(Operator)

By [signature]

THE UNITED STATES OF AMERICA

By

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "A"

The objective of this exploration is to reopen two caved adits and two caved portions of the Shamrock mine so that the vein can be adequately sampled both on the levels and in the stopes.

Exploration Project

Time Schedule

Month		
1st	1.	Reopen and muck out No. 9 level, a total length of 110 feet, which has been back filled.
2nd	2.	Reopen No. 5 portal, about 50 feet of work to be done.
2nd	3.	Open caved portion of No. 2 level, about 25 feet of drift is caved.
3rd	4.	Open caved portion of No. 3 level, about 40 feet of drift is caved.
3rd	5.	Sample scheelite-bearing portions of vein.

The work to be done and the estimated costs are as follows:

1.	Reopen two portals and 325 feet of drift at $15.00 per foot including work at portals (Includes all costs not specified elsewhere).....	$4,875.00
2.	Equipment to be purchased.....	100.00
3.	Supervision and sampling.....	2,000.00
		$6,975.00

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

None

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "C"

Operating Equipment

To be purchased		Cost
2-wheel barrows, metal, rubber tires each $50.00		$100.00

To be furnished	Replacement Cost	Monthly Rental Allowance
1 compressor, 210 cfm, Worthington, gas	$6,000.00	$186.00
1 jackhammer. Thor	375.00	13.00
1 pickup truck, 3/4 ton, Chevrolet, 1937	400.00	62.00
2 mine cars, 15 cu. ft.	200.00	4.00

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "D"

Labor and Supervision

2 miners	$12.00/day
2 muckers	11.20/day
Foreman	350.00/month
Cook	200.00/month
Engineer ($\frac{1}{4}$ time)	500.00/month
Bookkeeper-Storekeeper ($\frac{1}{2}$ time)	350.00/month

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "E"

Existing Buildings

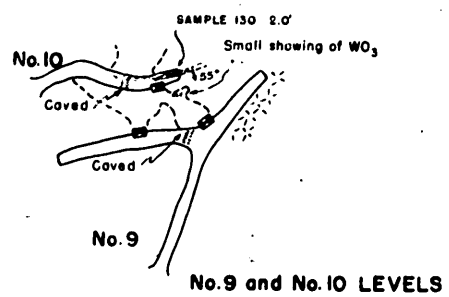
Cabin-cookhouse

Bunkhouse

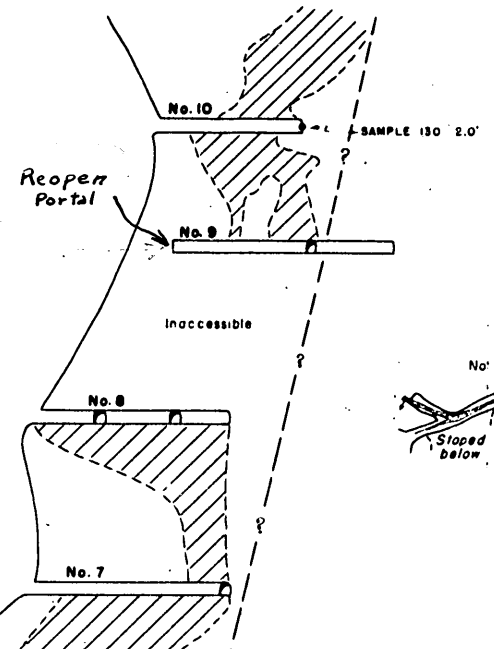
Machine shed

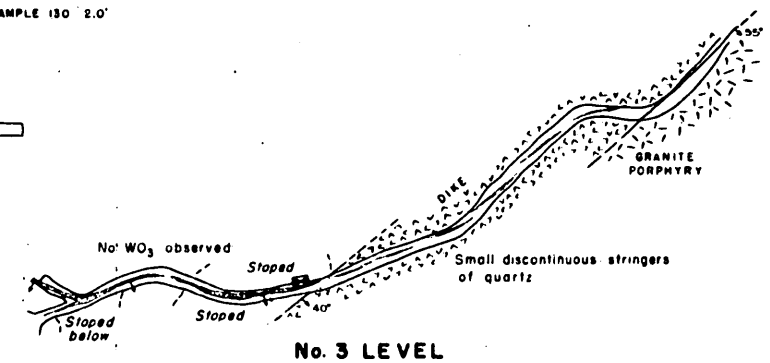
No repairs necessary

DMA 317 X

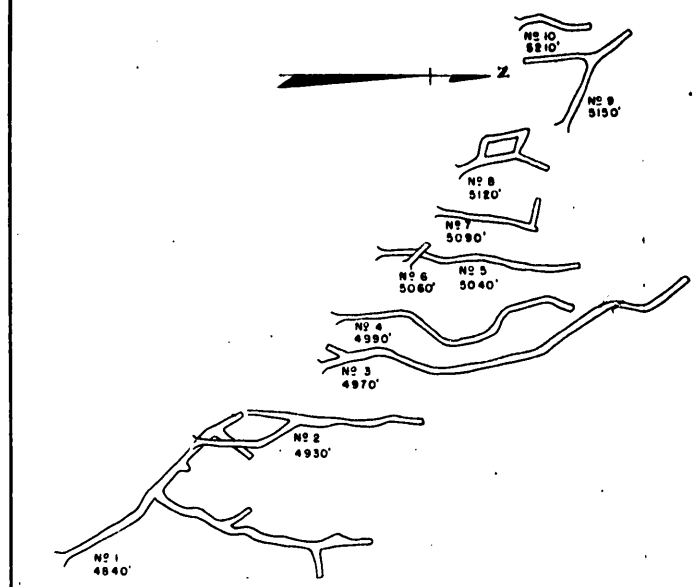


No. 9 and No. 10 LEVELS
1" = 50'





No. 3 LEVEL
1" = 50'

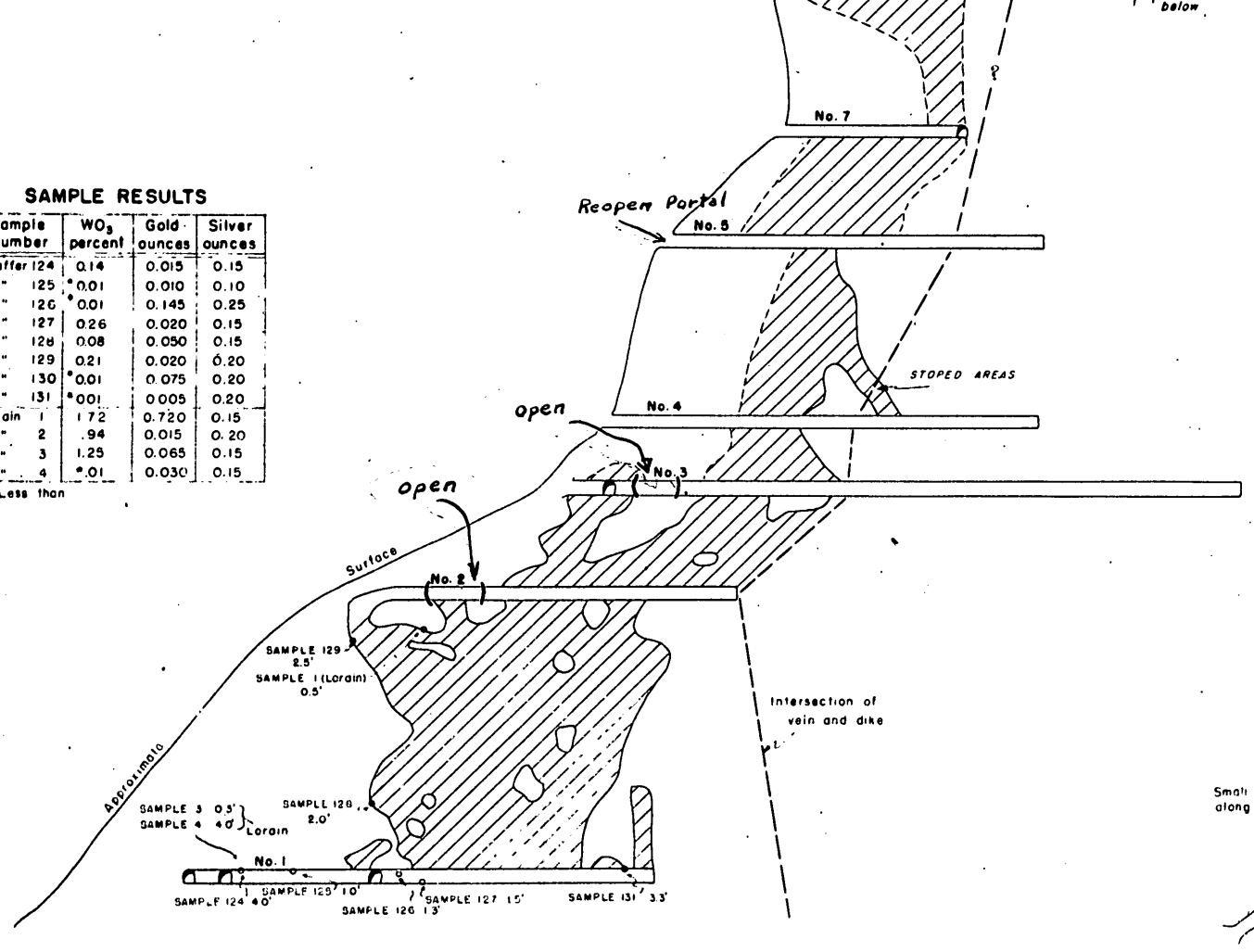


COMPOSITE PLAN OF WORKINGS
SCALE 1" = 100'

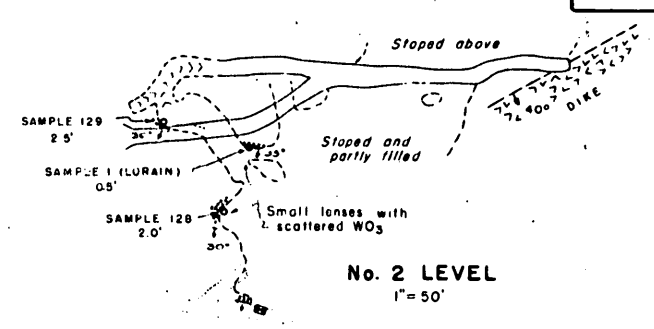
SAMPLE RESULTS

Sample Number	WO_3 percent	Gold ounces	Silver ounces
Shaffer 124	0.14	0.015	0.15
" 125	*0.01	0.010	0.10
" 126	*0.01	0.145	0.25
" 127	0.26	0.020	0.15
" 128	0.08	0.050	0.15
" 129	0.21	0.020	0.20
" 130	*0.01	0.075	0.20
" 131	*0.01	0.005	0.20
Lorain 1	1.72	0.720	0.15
" 2	.94	0.015	0.20
" 3	1.25	0.065	0.15
" 4	*.01	0.030	0.15

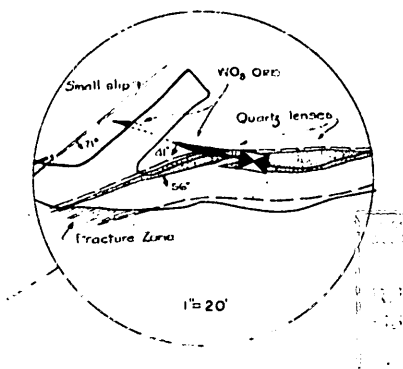
* Less than

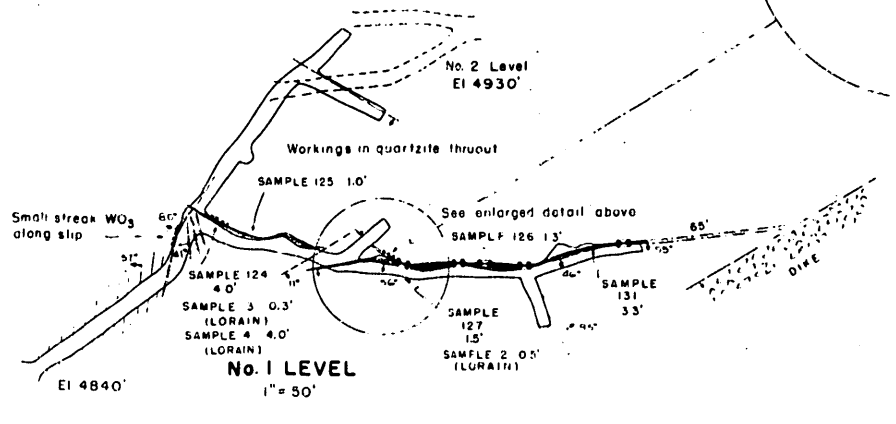


LONGITUDINAL SECTION THRU WORKINGS
(IN PLANE OF THE VEIN)
Projection bears N5°E
SCALE 1" - 50'



No. 2 LEVEL
1" = 50'





No. 1 LEVEL
1" = 50'

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SHAMROCK MINE

TEN MILE MINING DISTRICT

IDAHO COUNTY, IDAHO

TRACED
CHECKED
DATE

File No. C-742

MF-200
(April 1951)

Docket No. DMA 917
Commodity Tungsten

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] _____
Ace Gold Mines, Inc.
Box 5 C
Sandpoint, Idaho
_____
hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Idaho, County of Idaho described as follows: [3] _____
Charnock Ine located in the Ten Mile Mining District, T. 29 N., R. 6 E.
_____
with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Tungsten; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 3 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator ....75.... percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $..6,250.00....., which is .....50.... percent of the agreed estimated total cost of this project, $.....12,500.....

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

Ace Gold Mining Inc.
(Operator)

By H. Thompson

THE UNITED STATES OF AMERICA

By .....

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "A"

The objective of this exploration is to reopen two caved adits and two caved portions of the Shamrock mine so that the vein can be adequately sampled both on the levels and in the stopes.

Exploration Project

Time Schedule

Month		
1st	1.	Reopen and muck out No. 9 level, a total length of 110 feet, which has been back filled.
2nd	2.	Reopen No. 5 portal, about 50 feet of work to be done.
2nd	3.	Open caved portion of No. 2 level, about 25 feet of drift is caved.
3rd	4.	Open caved portion of No. 3 level, about 40 feet of drift is caved.
3rd	5.	Sample scheelite-bearing portions of vein.

The work to be done and the estimated costs are as follows:

1.	Reopen two portals and 325 feet of drift at $15.00 per foot including work at portals (Includes all costs not specified elsewhere).....	$4,875.00
2.	Equipment to be purchased.....	100.00
3.	Supervision and sampling.....	2,000.00
		$6,975.00

DMA Docket No. 517 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

None

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "C"

Operating Equipment

To be purchased		Cost
2-wheel barrows, metal, rubber tires each $50.00		$100.00

To be furnished	Replacement Cost	Monthly Rental Allowance
1 compressor, 210 cfm, Worthington, gas	$6,000.00	$180.00
1 jackhammer. Ther	375.00	13.00
1 pickup truck, 3/4 ton, Chevrolet, 1937	400.00	62.00
2 mine cars, 15 cu. ft.	200.00	4.00

OMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "D"

Labor and Supervision

2 miners	12.00/day
2 muckers	11.20/day
Foreman	350.00/month
Cook	200.00/month
Engineer (½ time)	500.00/month
Bookkeeper-Storekeeper (½ time)	350.00/month

DMA Docket No. 517 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "E"

Existing Buildings

Cabin-cookhouse

Bunkhouse

Machine shed

No repairs necessary

MF-200
(April 1951)

Docket No. DMA _____
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] _____
_____
_____
_____
_____
hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of _____, County of _____ described as follows: [3] _____
_____
_____
_____
with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____
_____
_____
_____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within _____ days from the date of this contract shall commence work on a project of exploration for [5] _____; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] _____ from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, and other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator _____ percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $_____, which is _____ percent of the agreed estimated total cost of this project, $_____.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

Ace Gold Mines Inc.
(Operator)

By _____

THE UNITED STATES OF AMERICA

By _____

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

RFC Project No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "A"

The objective of this exploration is to reopen two caved adits and two caved portions of the Shamrock mine so that the vein can be adequately sampled both on the levels and in the stopes.

Exploration Project

Time Schedule

Month		
1st	1.	Reopen and mack out No. 5 level, a total length of 115 feet, which has been back filled.
2nd	2.	Reopen No. 5 portal, about 50 feet of work to be done.
2nd	3.	Reopen caved portion of No. 2 level, about 25 feet of drift is caved.
3rd	4.	Reopen caved portion of No. 3 level, about 40 feet of drift is caved.
3rd	5.	Sample scheelite-bearing portions of vein.

The work to be done and the estimated costs are as follows:

1. Reopen two portals and 325 feet of drift at $15.00 per foot including work at portals (Includes all costs not specified elsewhere)..... $4,875.00
2. Equipment to be purchased..... 100.00
3. Conservation and sampling..... 2,000.00

$6,975.00

DMA Docket No. 817 [illegible]
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

None

DMA Docket No. 317 [illegible]
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "E"

Operating Equipment

To be purchased	Cost
2-wheel barrows, metal, rubber tires each $50.00	$100.00

To be furnished	Replacement Cost	Monthly Rental Allowance
1 compressor, 210 cfm, Ordhington, gas	$6,[illegible]0.00	$150.00
1 jackhammer, Thor	575.00	13.00
1 pickup truck, 3/4 ton, Chevrolet, 1937	400.00	62.00
2 mine cars, 15 cu. ft.	200.00	6.00

DMA Docket No. 217 [illegible]
Commodity: Tungsten

Noe Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

Exhibit "B"

Labor and Supervision

2 miners	12.00/day
2 muckers	11.20/day
Foreman	550.00/month
Cook	300.00/month
Engineer (full time)	500.00/month
Bookkeeper-[illegible] assayer (full time)	350.00/month

DMA Docket No. 817 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "E"

Existing Buildings

Cabin-cookhouse

Bunkhouse

Machine shed

No repairs necessary

MF-200
(April 1951)

Docket No. DMA 017
Commodity [illegible]

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] _____
[illegible]
hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of [illegible], County of [illegible] described as follows: [3] _____
[illegible]
with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within [illegible] days from the date of this contract shall commence work on a project of exploration for [5] [illegible]; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] [illegible] from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator ---------- percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $----------, which is ---------- percent of the agreed estimated total cost of this project, $----------.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

Ace Gold Mines Inc.
(Operator)

By [signature]

THE UNITED STATES OF AMERICA

By ----------

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

DMA Docket No. 517 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "A"

The objective of this exploration is to reopen two caved adits and two caved portions of the Shamrock mine so that the vein can be adequately sampled both on the levels and in the stopes.

Exploration Project

Time Schedule

Month		
1st	1.	Reopen and muck out No. 9 level, a total length of 110 feet, which has been back filled.
2nd	2.	Reopen No. 5 portal, about 50 feet of work to be done.
2nd	3.	Open caved portion of No. 2 level, about 26 feet of drift is caved.
3rd	4.	Open caved portion of No. 3 level, about 40 feet of drift is caved.
3rd	5.	Sample scheelite-bearing portions of vein.

The work to be done and the estimated costs are as follows:

1.	Reopen two portals and 325 feet of drift at $15.0 per foot including work at portals (Includes all costs not specified elsewhere).....	$4,875.00
2.	Equipment to be purchased.....	100.00
3.	Supervision and sampling.....	8,000.00
		12,975.00

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

None

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "C"

Operating Equipment

To be purchased	Cost
2-wheel barrows, metal, rubber tires each $50.00	$100.00

To be furnished	Replacement Cost	Monthly Rental Allowance
1 compressor, 210 cfm, Worthington, gas	$6,000.00	$150.00
1 jackhammer, Ingersoll-Rand	375.00	13.00
1 pickup truck, 1/2 ton, Chevrolet, 1957	400.00	62.00
2 mine cars, 15 cu. ft.	200.00	4.00

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

Labor and Supervision

2 miners	$12.00/day
2 muckers	11.20/day
Foreman	350.00/month
Cook	200.00/month
Engineer (½ time)	500.00/month
Bookkeeper-Storekeeper (½ time)	350.00/month

DMA Docket No. 517 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "E"

Existing Buildings

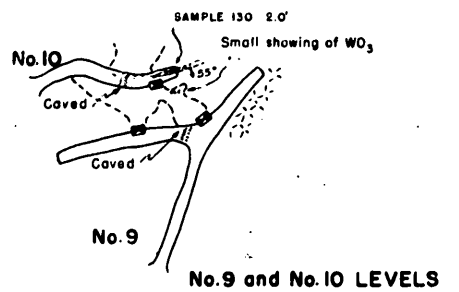
Cabin-cookhouse

Bunkhouse

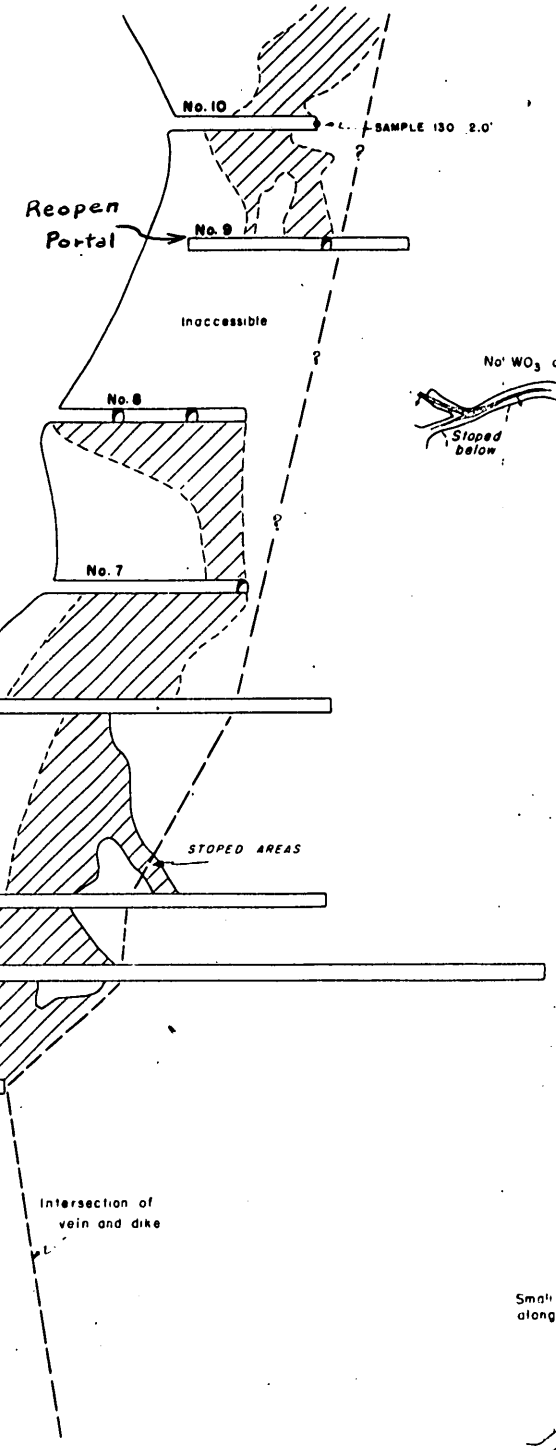
Machine shed

No repairs necessary

DMA 317X



No. 9 and No. 10 LEVELS
1" = 50'

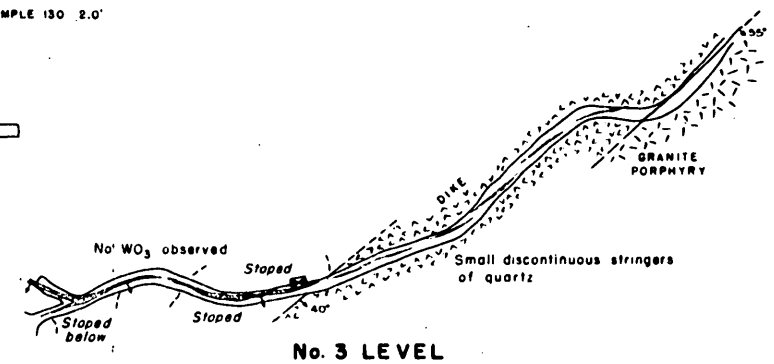


LONGITUDINAL SECTION THRU WORKINGS
(IN PLANE OF THE VEIN)
Projection bears N5°E
SCALE 1" = 50'

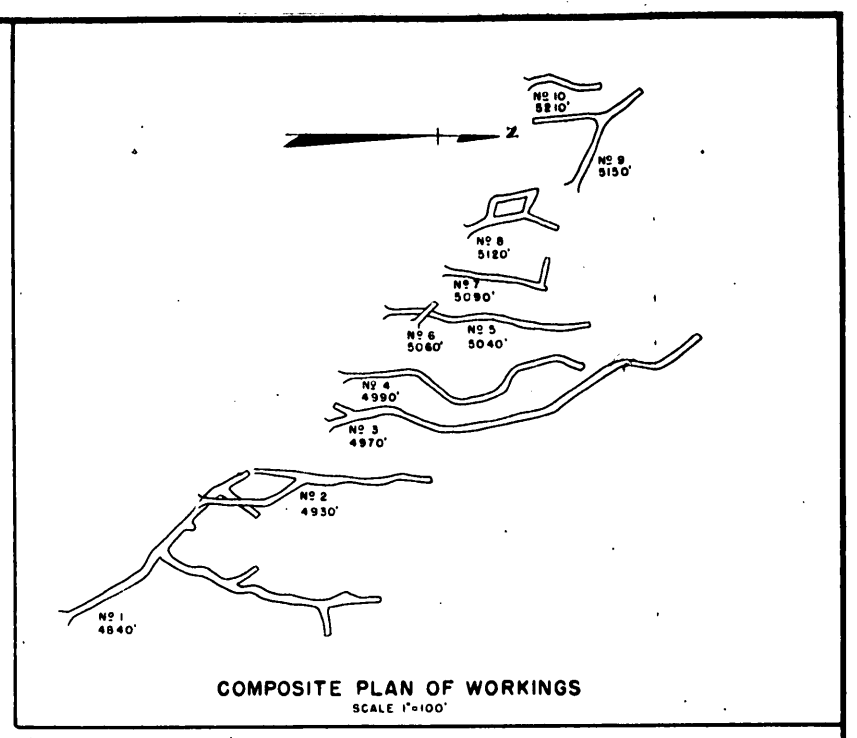
SAMPLE RESULTS

Sample Number	WO_3 percent	Gold ounces	Silver ounces
Shaffer 124	0.14	0.015	0.15
" 125	*0.01	0.010	0.10
" 126	*0.01	0.145	0.25
" 127	0.26	0.020	0.15
" 128	0.08	0.050	0.15
" 129	0.21	0.020	0.20
" 130	*0.01	0.075	0.20
" 131	*0.01	0.005	0.20
Lorain 1	1.72	0.720	0.15
" 2	.94	0.015	0.20
" 3	1.25	0.065	0.15
" 4	*.01	0.030	0.15

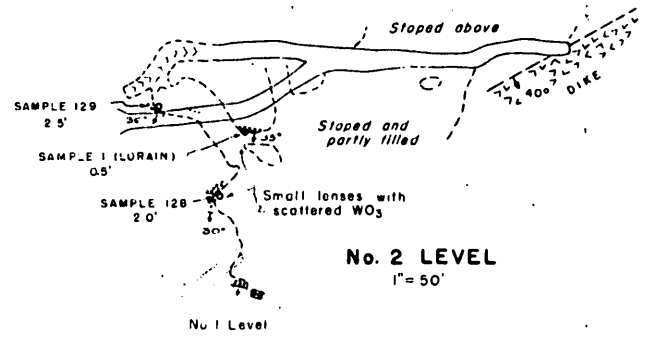
* Less than



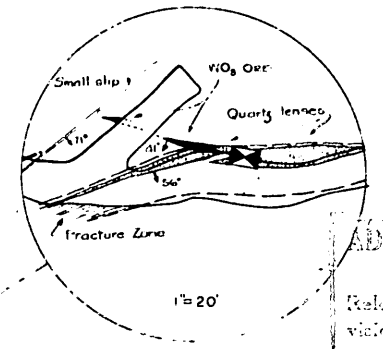
No. 3 LEVEL
1" = 50'



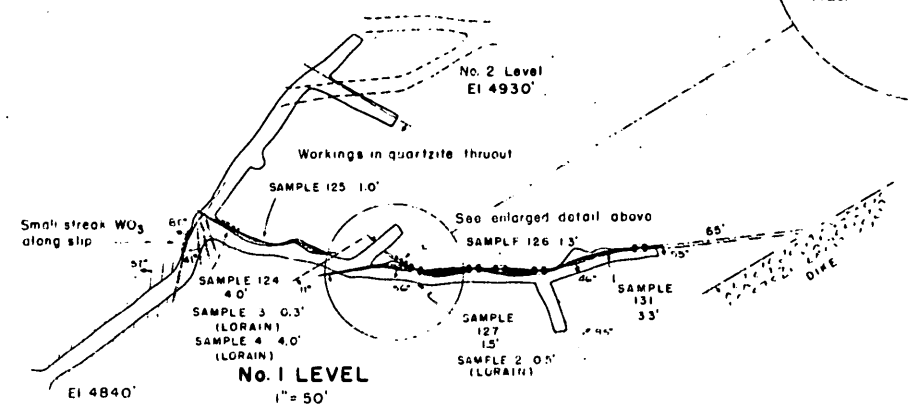
COMPOSITE PLAN OF WORKINGS
SCALE 1" = 100'



No. 2 LEVEL
1" = 50'



1" = 20'



No. 1 LEVEL
1" = 50'

ADVANCE RELEASE COPY

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SHAMROCK MINE

TEN MILE MINING DISTRICT

IDAHO COUNTY, IDAHO

File No. C-742

MF-200
(April 1951)

317 X

Docket No. DMA Tungsten
Commodity

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Ace Gold Mines, Inc.
Box 368
Lewiston, Idaho

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Idaho, County of Idaho described as follows: [3] Shamrock Mine located in the Ten Mile Mining District, T. 29 N., R. 6 E.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Tungsten; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 3 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator 75 percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $5,231.25, which is 75 percent of the agreed estimated total cost of this project, $6,975.00.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

Alex Gold Mining Co.
(Operator)

By J. O. Franke

THE UNITED STATES OF AMERICA

By

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "A"

The objective of this exploration is to reopen two caved adits and two caved portions of the Shamrock mine so that the vein can be adequately sampled both on the levels and in the stopes.

Exploration Project

Time Schedule

Month		
1st	1.	Reopen and muck out No. 9 level, a total length of 110 feet, which has been back filled.
2nd	2.	Reopen No. 5 portal, about 50 feet of work to be done.
2nd	3.	Open caved portion of No. 2 level, about 25 feet of drift is caved.
3rd	4.	Open caved portion of No. 3 level, about 40 feet of drift is caved.
3rd	5.	Sample scheelite-bearing portions of vein.

The work to be done and the estimated costs are as follows:

1.	Reopen two portals and 325 feet of drift at $15.00 per foot including work at portals (Includes all costs not specified elsewhere).....	$4,875.00
2.	Equipment to be purchased.....	100.00
3.	Supervision and sampling.....	2,000.00
		$6,975.00

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

None

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "C"

Operating Equipment

To be purchased	Cost
2-wheel barrows, metal, rubber tires each $50.00	$100.00

To be furnished	Replacement Cost	Monthly Rental Allowance
1 compressor, 210 cfm, Worthington, gas	$6,000.00	$186.00
1 jackhammer. Thor	375.00	13.00
1 pickup truck, 3/4 ton, Chevrolet, 1937	400.00	62.00
2 mine cars, 15 cu. ft.	200.00	4.00

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "D"

Labor and Supervision

2 miners	$12.00/day
2 muckers	11.20/day
Foreman	350.00/month
Cook	200.00/month
Engineer (¼ time)	500.00/month
Bookkeeper-Storekeeper (½ time)	350.00/month

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "E"

Existing Buildings

Cabin-cookhouse

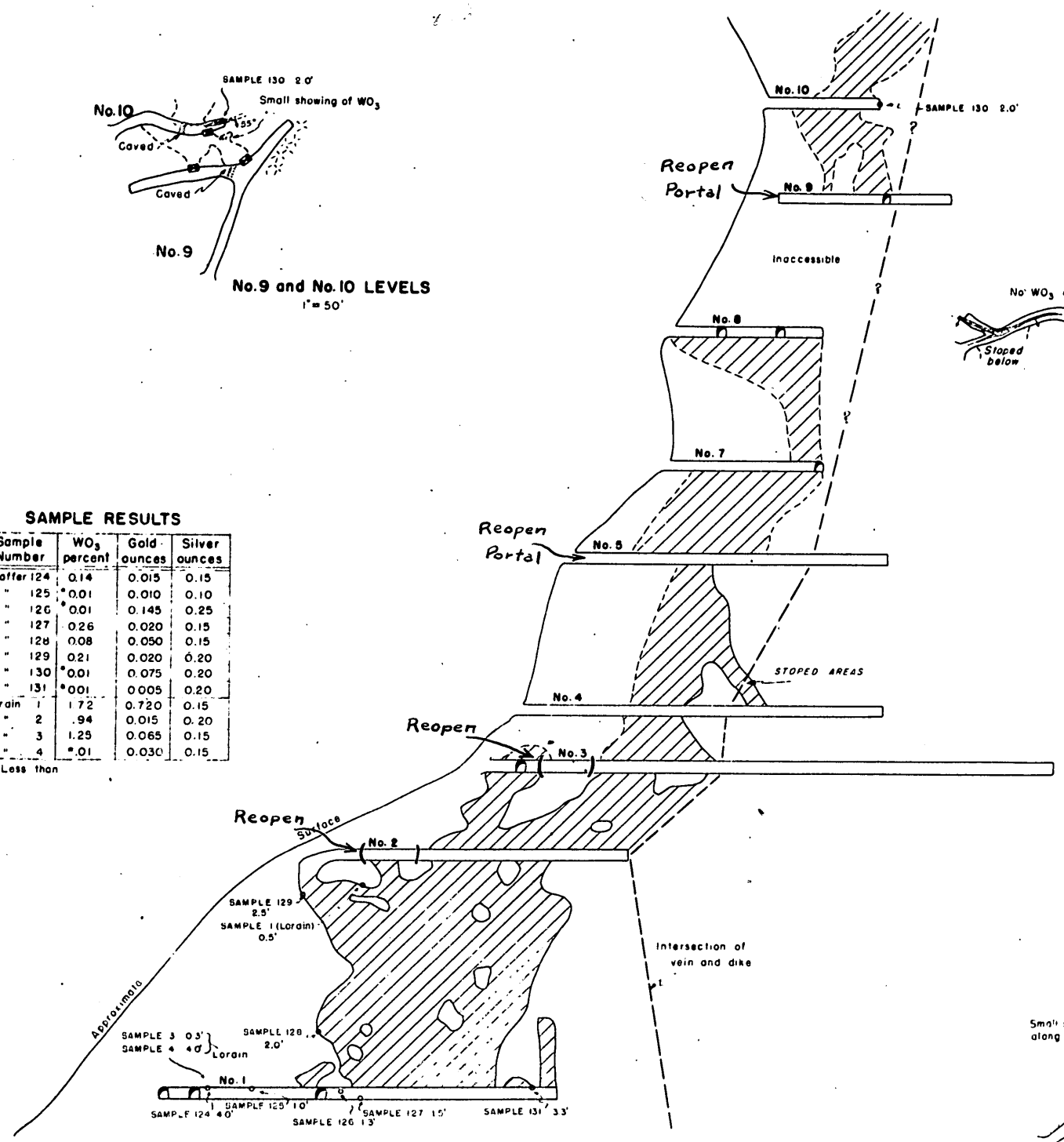
Bunkhouse

Machine shed

No repairs necessary

DMA 317X

No. 9 and No. 10 LEVELS
1" = 50'



LONGITUDINAL SECTION THRU WORKINGS
(IN PLANE OF THE VEIN)
Projection bears N5°E
SCALE 1" = 50'

SAMPLE RESULTS

Sample Number	WO_3 percent	Gold ounces	Silver ounces
Shaffer 124	0.14	0.015	0.15
" 125	*0.01	0.010	0.10
" 126	*0.01	0.145	0.25
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" 129	0.21	0.020	0.20
" 130	*0.01	0.075	0.20
" 131	*0.01	0.005	0.20
Lorain 1	1.72	0.720	0.15
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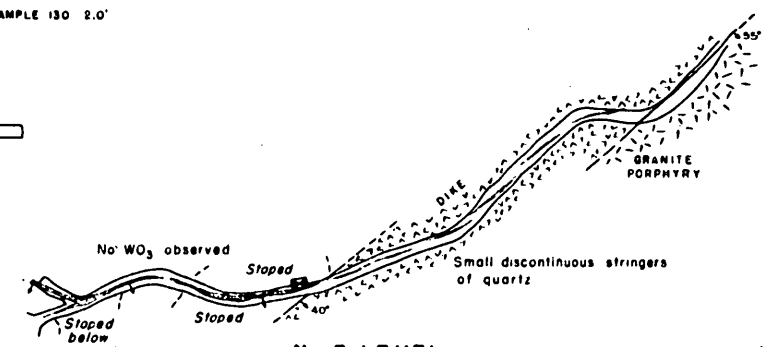
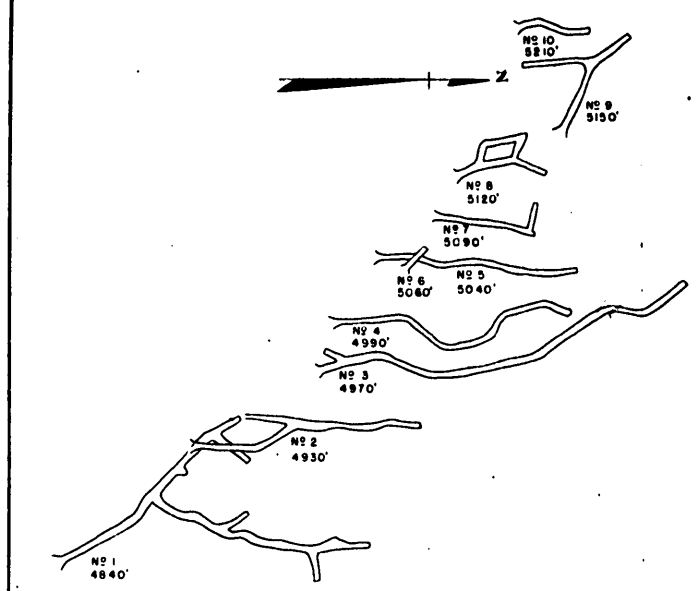
" 3	1.25	0.065	0.15
" 4	*.01	0.030	0.15

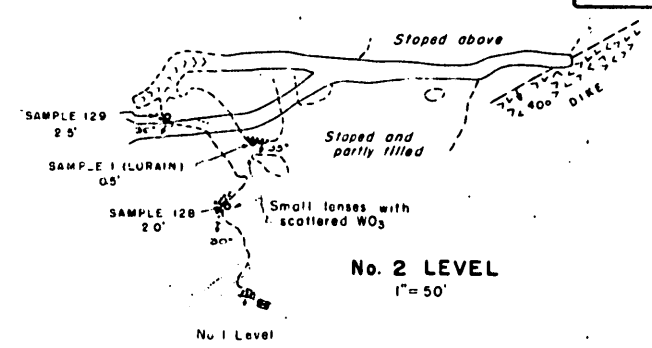
* Less than



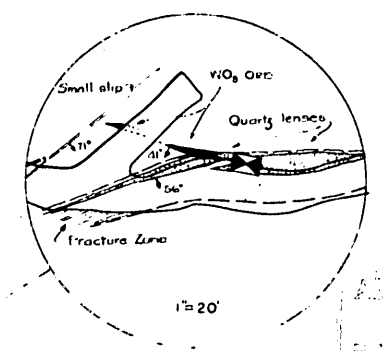
No. 3 LEVEL
1" = 50'



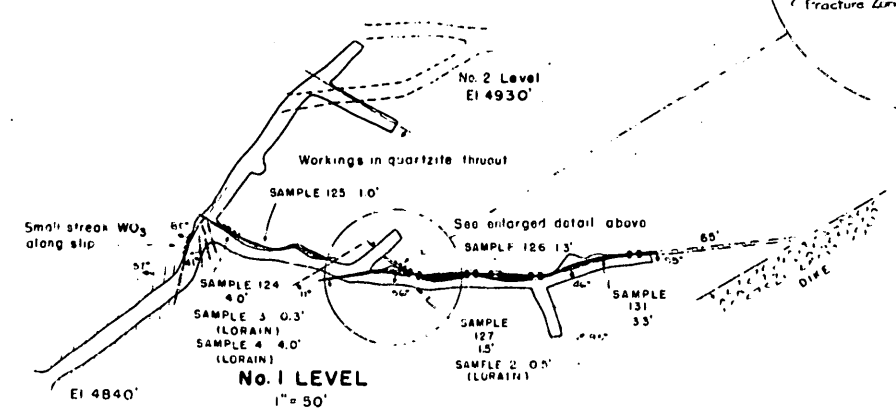
COMPOSITE PLAN OF WORKINGS
SCALE 1" = 100'



No. 2 LEVEL
1" = 50'



1" = 20'



No. 1 LEVEL
1" = 50'

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SHAMROCK MINE

TEN MILE MINING DISTRICT

IDAHO COUNTY, IDAHO

TRACED
CHECKED
DATE

File No. C-742

MF-200
(April 1951)

Docket No. DMA _____
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] _____
_____
_____
_____
_____
hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of _____, County of _____ described as follows: [3] _____
_____
_____
_____
with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____
_____
_____
_____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within _____ days from the date of this contract shall commence work on a project of exploration for [5] _____; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] _____ from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

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[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator _____ percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $_____, which is _____ percent of the agreed estimated total cost of this project, $_____.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

Ace Gold Mines Inc
(Operator)

By H Thomke

THE UNITED STATES OF AMERICA

By _____

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

DMA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "A"

The objective of this exploration is to reopen two caved adits and two caved portions of the Shamrock mine so that the vein can be adequately sampled both on the levels and in the stopes.

Exploration Project

Time schedule

Month

1st	1.	Reopen and muck out No. 8 level, a total length of 110 feet, which has been back filled.
2nd	2.	Reopen No. 5 portal, about 50 feet of work to be done.
2nd	3.	Open caved portion of No. 2 level, about 25 feet of drift is caved.
3rd	4.	Open caved portion of No. 3 level, about 40 feet of drift is caved.
3rd	5.	Sample scheelite-bearing portions of vein.

The work to be done and the estimated costs are as follows:

1.	Reopen two portals and 325 feet of drift at $15.00 per foot including work at portals (Includes all costs not specified elsewhere).....	$4,875.00
2.	Equipment to be purchased.....	100.00
3.	Supervision and sampling.....	1,000.00
		$5,975.00

DMA Docket No. 317
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Cherruck Mine

Category "A"

None

DMA Docket No. 317 [illegible]
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

Operating Equipment

To be purchased	Cost
2-wheel barrows, metal, rubber tires each 50.00	$100.00

To be furnished	Replacement Cost	Monthly Rental Allowance
1 compressor, 210 cfm, Worthington, gas	$6,[illegible].00	$180.00
1 jackhammer, Thor	375.00	13.00
1 pickup truck, 3/4 ton, Chevrolet, 1937	400.00	62.00
2 mine cars, 16 cu. ft.	200.00	4.00

GSA Docket No. 317 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "D"

Labor and Supervision

2 miners	12.00/day
2 muckers	11.20/day
Foreman	350.00/month
Cook	200.00/month
Engineer (½ time)	500.00/month
Bookkeeper-Storekeeper (½ time)	350.00/month

DMA Docket No. 517 X
Commodity: Tungsten

Ace Gold Mines, Inc.

Exploration Project Contract, Shamrock Mine

EXHIBIT "B"

Existing Buildings

Cabin-bunkhouse

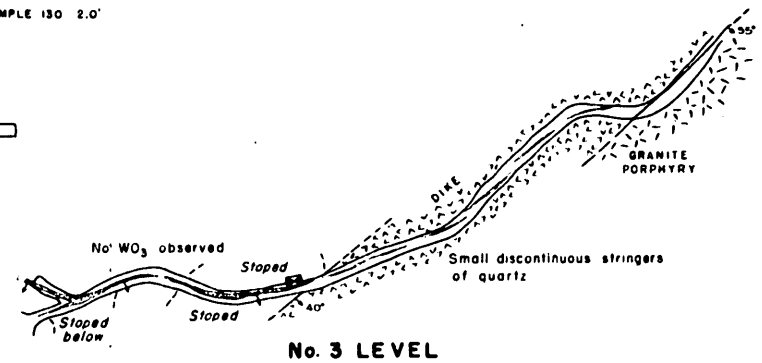
Bunkhouse

Washing mill

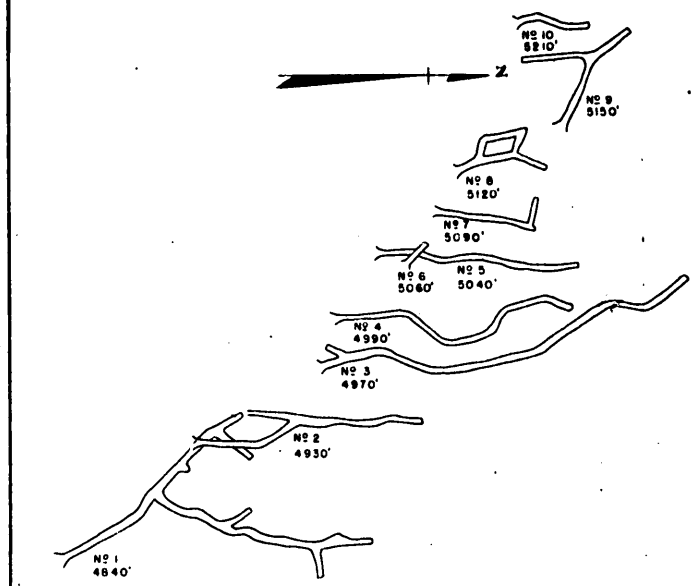
No repairs necessary

DMA 317X

No. 9 and No. 10 LEVELS
1" = 50'



No. 3 LEVEL
1" = 50'

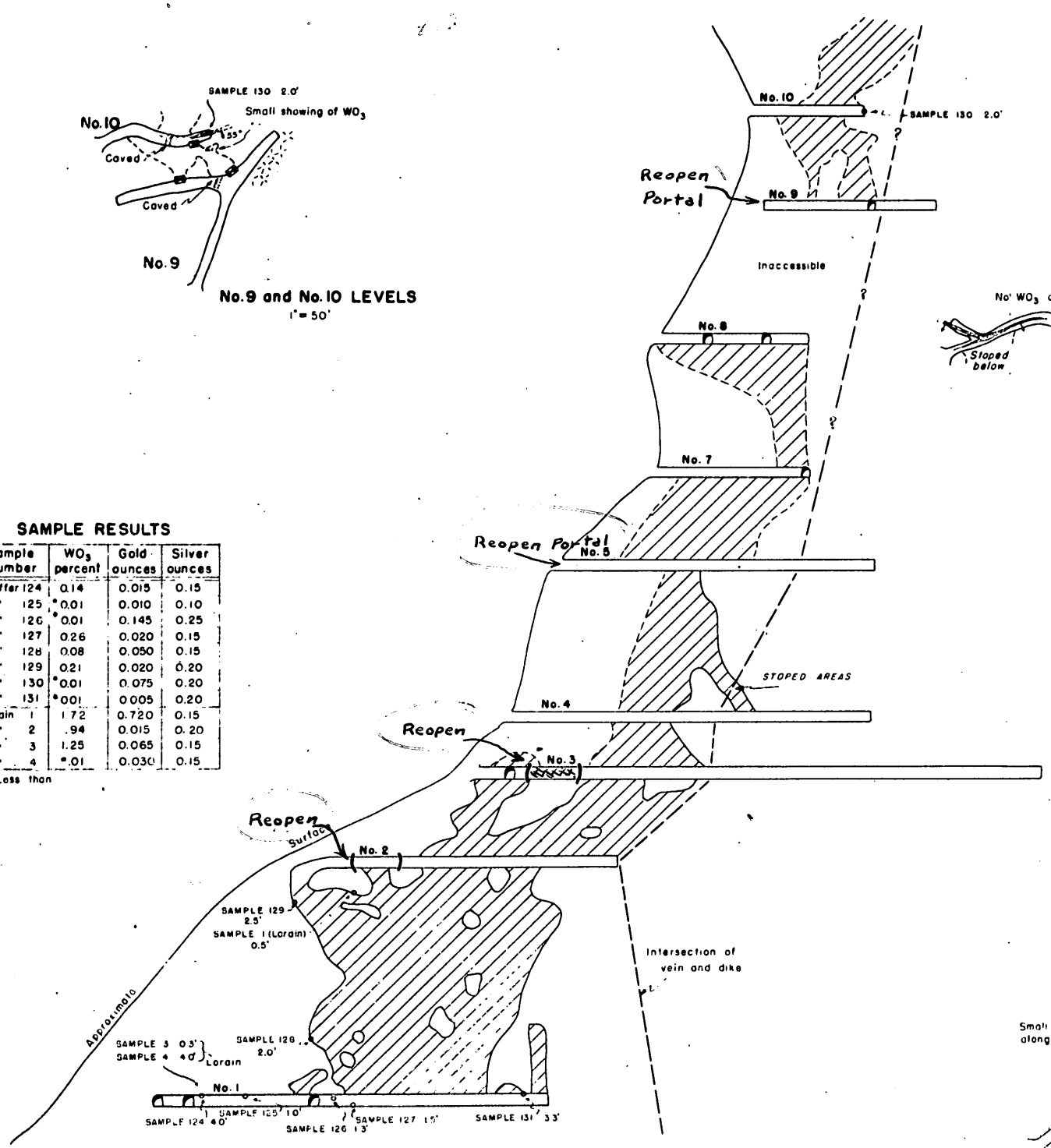


COMPOSITE PLAN OF WORKINGS
SCALE 1" = 100'

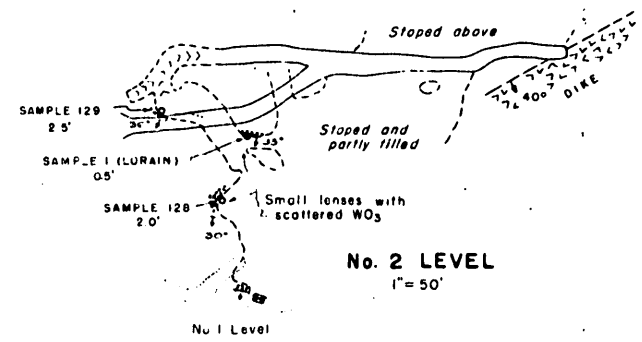
SAMPLE RESULTS

Sample Number	WO_3 percent	Gold ounces	Silver ounces
Shaffer 124	0.14	0.015	0.15
" 125	*0.01	0.010	0.10
" 126	*0.01	0.145	0.25
" 127	0.26	0.020	0.15
" 128	0.08	0.050	0.15
" 129	0.21	0.020	0.20
" 130	*0.01	0.075	0.20
" 131	*0.01	0.005	0.20
Lorain 1	1.72	0.720	0.15
" 2	.94	0.015	0.20
" 3	1.25	0.065	0.15
" 4	*.01	0.030	0.15

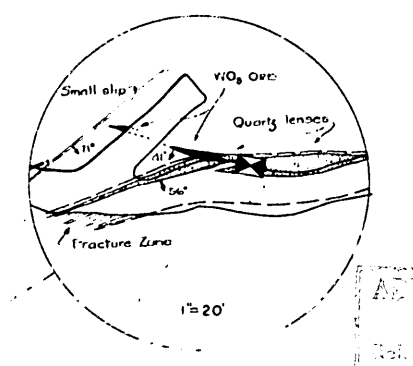
* Less than



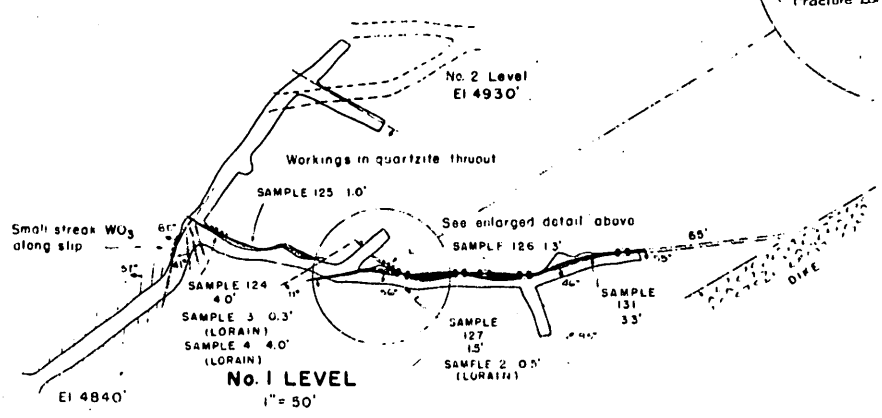
LONGITUDINAL SECTION THRU WORKINGS
(IN PLANE OF THE VEIN)
Projection bears N5°E
SCALE 1" - 50'



No. 2 LEVEL
1" = 50'



1" = 20'



No. 1 LEVEL
1" = 50'

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

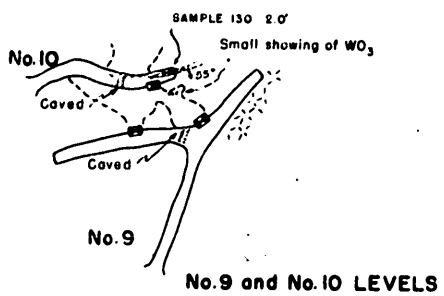
SHAMROCK MINE

TEN MILE MINING DISTRICT

IDAHO COUNTY, IDAHO

File No. C-742

DMA 317X



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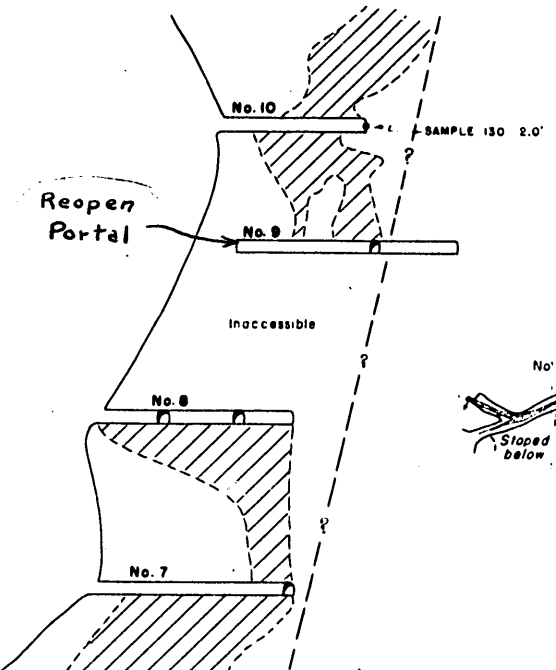

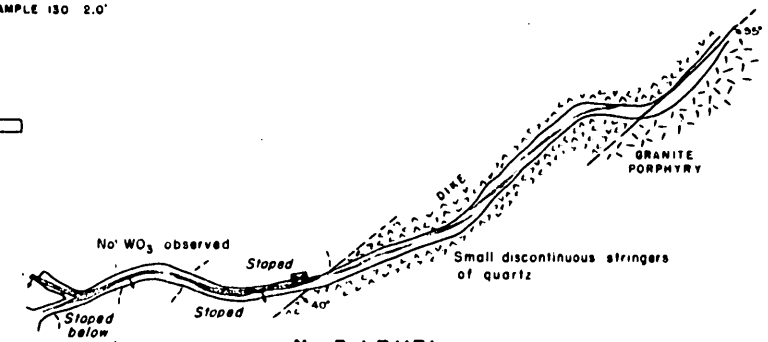

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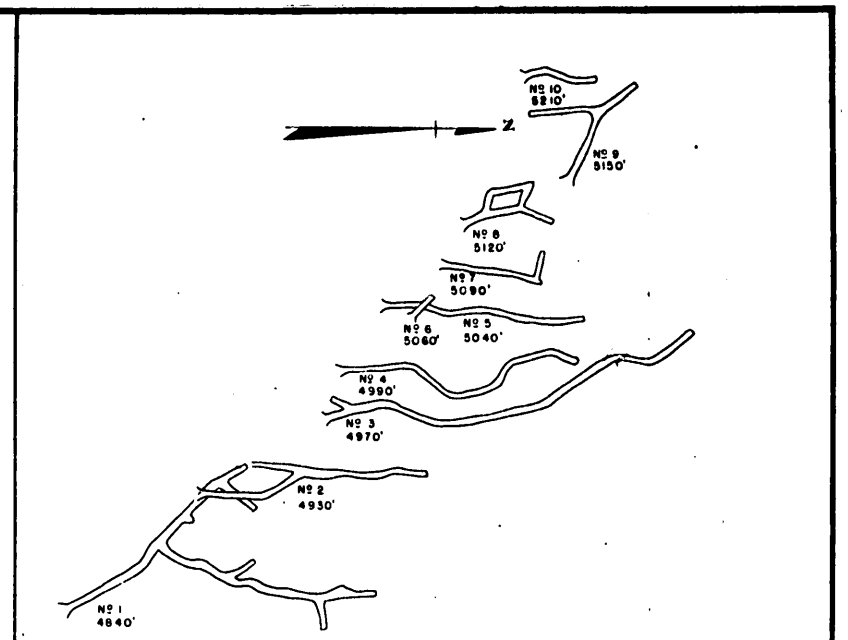

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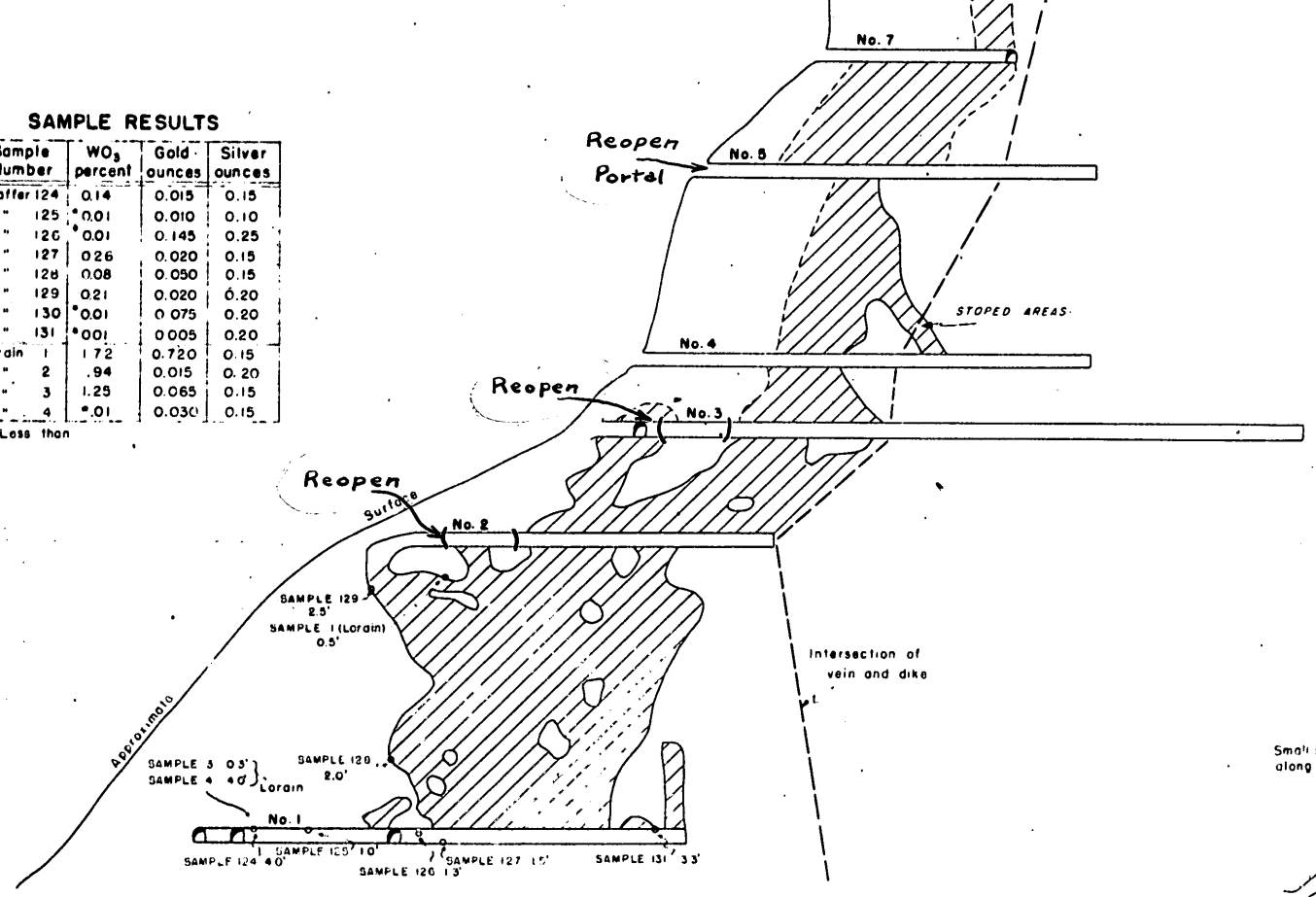

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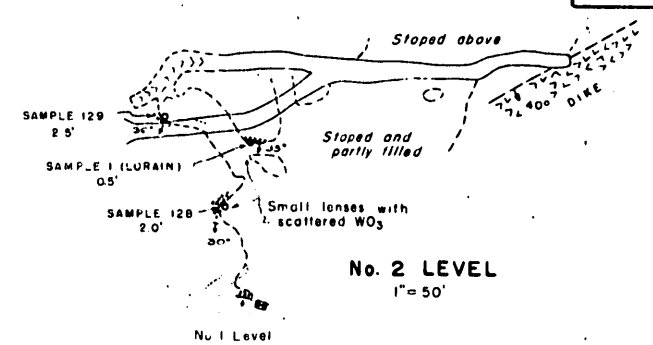
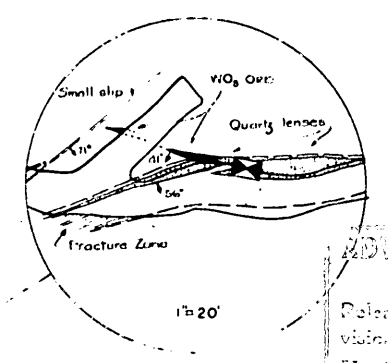
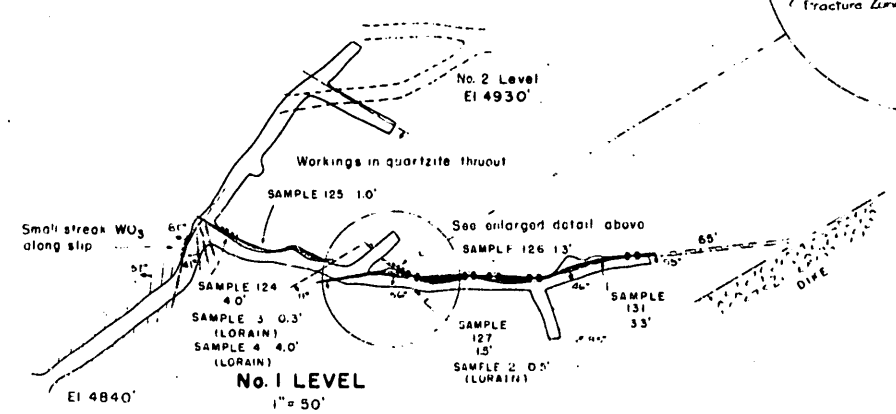


No. 2 LEVEL
1" = 50'





No. 1 LEVEL
1" = 50'

ADVANCE COPY
Not for Release
Release

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SHAMROCK MINE

TEN MILE MINING DISTRICT
IDAHO COUNTY, IDAHO

TRACED
CHECKED
DATE

File No. C-742