DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1939

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION LOAN

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:	Lead-Zinc Br.	Date	8-8-51
To:	36	Date	
To:	Supply Division	Date	AUG 30 1951
To:	REPORTS AND RECORDS	Date	AUG 31 1951
To:		Date	
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DO NOT DETACH

aec CONTROLLED DOCUMENT

350

FILE COPY
SURNAME:

Newcomb (Etta)
McKnight
Bishop

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

Re: DMA-1939

OCT 5 1951

R.E.S.

Mr. John G. Eckel
c/o Charles D. Casady
Cross Lodes Mining Company
118 Brush Street
Prescott, Arizona

Dear Mr. Eckel:

Your letter of September 11 has been received by the Defense Minerals Administration. The project you proposed could be completed in much less than 2 years' time. Therefore, the value of your labor would be considerably less than half of the $25,000 you have requested. The Defense Minerals Administration considers that your contribution would be inadequate to finance the exploration program you have submitted.

We wish to advise you that the Government does not operate or manage any mines or properties for its own account. Therefore, we are unable to consider your request to have your property managed by the Bureau of Mines.

Your interest in the Government's defense program is appreciated, and we wish to thank you for bringing your property to our attention.

Very truly yours,

for ABP Tom Lyon 10/1/51

Tom Lyon, Director
Supply Division

ELNewcomb:emp
G 10-1-51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
O. M. Bishop
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket files

Prescott Arizona,
Sept. 11, 1951.

United States Dept of the Interior
Defense Minerals Administration
Tom Lyon Director Supply Division
Dear Sir

SEP 18

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. SEP 17 8 54 AM '51

I believe you have made some mistake in reading my application for a Mining Loan. D.M.A. No # is 1989. Two miner's wages come's to more than 1,200.00 for two year's. I merely stated that we could match as much as 1,200.00 over a period of two year's. However without the items I listed we can do no mining. Sure I am willing to make out Monthly Reports stating Footage gained and expenditures. Also am willing to cooperate with the Government in every way I can to get these needed metals an able bodied miner and a good Property too. One of the Best in the State of Arizona that can produce many thousands of ton's of good ore if worked.

2

We wish however to let the Bureau of mines take over this mine and operate it under Government Control. Pay me miner's wages at $12.80 per 8 hr shift if they want to employ me and allow each 5% or Royalty to the 4 Partners. The Government would have the entire Property under their Supervision if they so care to do so. We cannot mine without full financial Support. all though we would like to be able to work out a Feasible Plan. Our road is the main issue, And I included it in the $12,500 that I asked for in the application for a Loan I did not ask the entire amount of $25,000 Our Labor was supposed to take care of the other half.

I Regret that this Property isnt working now. We will still be willing to Cooperate if anything can be done.

Please let us know if the Government wants to work it through the Bureau of Mines Program of mining.

Remarks

Very Respectfully Yours

John G Eckel

118 Prescott St

Prescott Arizona

For the Cross Loder Mining Co

By John G Eckel,

Operator,

L.M.A. No 1939

(Reference)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION AUG 31 1951
WASHINGTON 25, D. C.

Re: DMA-1939
John G. Eckel
Cross Lodes Mining Co.
Cross Lodes claims 1-7
Yavapai County, Arizona
Exploration loan $25,000
Lead, copper

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

The Lead-Zinc Branch has reviewed the subject docket. This review discloses the fact that the applicant is unable to invest more than $1,200.00 over a period of 2 years. The applicant states that this amount is available in the form of labor of 2 men for a period of 2 years provided the Government will pay for half time wages. Clearly the applicant is not able to invest sufficient monies for the project. The project proposed consists of sinking seven shafts, each being 35 feet deep. Both the schedule and cost estimates are excessive.

The Lead-Zinc Branch recommends that the application be denied, and that the attached letter be sent to the applicant.

Returned herewith are:

4 copies of MF-103 and attached exhibits A-E
3 copies of MF-200 which are dated by applicant
1 topographic sheet showing location of claims, letters and a poem submitted as references by applicant.

T. P. Billings by JGG

T. P. Billings, Chief
Lead-Zinc Branch

Approved:
Tom Lyon
Director, Supply Division

FILE COPY
SURNAME: 350

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

AUG 31 1951

Gildersleeve (ETM)
McKnight
Mote (Mote)
Johnson.

Re: DMA-1939
John G. Eckel
Cross Lodes Mining Co.
Cross Lodes claims 1-7
Yavapai County, Arizona
Exploration loan $25,000
Lead, copper

G. E. C.

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

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The Lead-Zinc Branch recommends that the application be denied, and that the attached letter be sent to the applicant.

Returned herewith are:

4 copies of MF-103 and attached exhibits A-E
3 copies of MF-200 which are dated by applicant
1 topographic sheet showing location of claims, letters and a poem submitted as references by applicant.

Gunnard Johnson

T. P. Billings, Chief
Lead-Zinc Branch

JF 8/31

Approved:

Tom Lyon

Director, Supply Division

BGildersleeve:emp
G 8-29-51

Copies to: J. H. East, Jr. (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports and Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

[illegible]G3 1 [illegible]

Memorandum

Re: [illegible]-1[illegible]
John G. [illegible]
Cross Lodes Mining Co.
Cross Lodes claims 1-7
Yavapai County, Arizona
Exploration loan $25,000
Lead, copper

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

The Lead-Zinc Branch has reviewed the subject request. This review discloses the fact that the applicant is unable to invest more than $1,200.00 over a period of 2 years. The applicant states that this amount is available in the form of labor of 2 men for a period of 2 years provided the Government will pay for half time wages. Clearly the applicant is not able to invest sufficient monies for the project. The project proposed consists of sinking seven shafts, each being 55 feet deep. Both the schedule and cost estimates are excessive.

The Lead-Zinc Branch recommends that the application be denied, and that the attached letter be sent to the applicant.

Returned herewith are:

4 copies of MF-103 and attached exhibits [illegible]
2 copies of MF-200 which are dated by applicant
1 topographic sheet showing location of claims, letters and a poem submitted as references by applicant.

Gunnard Johnson

Approved: W. R. Billings, Chief
Lead-Zinc Branch

Director, Supply Division

Billersleevelem:
G 8-2[illegible]
C pies to: J. H. Gast, Jr. (2)
Chief, Lead-Zinc Br.
L. F. McKnight 4204 GSA
N. H. Mate
Reports and Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

350

FILE COPY
SURNAME:

Gildersleeve (ETM)
McKnight
Mote
Johnson

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

AUG 31 1951

Re: DMA-1939

Q.3.c

Mr. John G. Eckel
c/o Charles D. Casady
Cross Lodes Mining Company
118 Brush Street
Prescott, Arizona

Dear Mr. Eckel:

The Defense Minerals Administration has reviewed your application (DMA-1939) for exploration assistance on the Cross Lodes claims 1-7.

Under the Defense Minerals Administration program, Government aid is available for exploration projects only if the applicant is able to advance half of the funds needed for the project. Funds advanced by the Government are on a re-pay basis. That is, each month the applicant submits a voucher of expenditures for payment and, upon approval, the Government pays the applicant the agreed-upon proportion of the allowable costs. You say in your application you can participate in the cost of the proposed $25,000.00 only to the extent of the labor of two men at $1,200.00 for a period of two years. This is considerably less than the amount required. I regret, therefore, that your application must be denied.

We wish to thank you for bringing this property to our attention.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

BGildersleeve:emp
G 8-29-51
Copies to: J.H. East, Jr (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

AUG 31 1951

Ref: DMA-1939

Mr. John [illegible] Wekel
c/o Charles [illegible] Cassidy
Cross Lodge Mining Company
118 Brush Street
Prescott, Arizona

Dear Mr. Wekel:

The Defense Minerals Administration has reviewed your application (DMA-1939) for exploration assistance on the Cross Lodge claims 1-7.

Under the Defense Minerals Administration program, Government aid is available for exploration projects only if the applicant is able to advance half of the funds needed for the project. Funds advanced by the Government are on a re-pay basis. That is, each month the applicant submits a voucher of expenditures for payment and, upon approval, the Government pays the applicant the agreed-upon proportion of the allowable costs. You say in your application you can participate in the cost of the proposed $15,000.00 only to the extent of the lesser of ten per cent or $1,500.00 for a period of two years. This is considerably less than the amount required. I regret, therefore, that your application must be denied.

We wish to thank you for bringing this property to our attention.

Very truly yours,

Don Lyon
Don Lyon, Director
Supply Division

BOilderslee:mp
G 8-29-51

Copies to: J.M. East, Jr (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4244
R. H. Metz
Reports & Records
Directors r. file 4214 GSA
Dr. r. file 4214 GSA
Files

Cross Lodes Mining Co

John G. Eckel
DMA 1939
Cross Lodes Claims #1-7

The applicant is still unable to invest necessary funds, and the application should be denied. The analysis submitted indicates principal values are silver and gold with very low lead content. (0.9%)

B. Gildersleve 8/31/51

Prescott Arizona
August 22, 1951

United States Department of the Interior
Defense Minerals Administration
Washington 25 D.C.

Mr Thomas Billings
Chief Lead Zinc Branch

Dear Sir

I am sending you a complete Anaylsis from the Colorado Assaying Co. Denver, I just Recieved this evening and it goes to show their is a very strong Possibility of a good Discovery being made on the Cuastodes Mining Co, Claims 1 to 7, Our Docket No. is 19390 and I wish you to place this supplemental reference of assay Report in the File in connection with our application for a mining loan. I also mention the Fact that about 3 or 4 Diamond Drill Test Holes could Probly determine existance of ore bodies with out actual shaft work although I believe we can begin to take out ore very soon by sinking. We are all broke and can't match actual money other than labor. There are 5

4 1951 AUG 27 1951

. H. HOLLAND, PRES.-TREAS. EDMUND E. PHILLIPS, VICE-PRES.— MGR. M. E. HOLLAND, SECRETARY

OUR MOTTO:—WHAT THERE IS IN IT, NO MORE, NO LESS.

THE COLORADO ASSAYING COMPANY

(Incorporated)

ASSAYERS AND CHEMISTS

2013 WELTON STREET

COMPLETE ANALYSIS ON ANY ORE: ~~$20.00~~ $15.00
THIS ANALYSIS WILL DETECT AND REPORT EVERY ELEMENT OR METAL THAT MAY BE PRESENT IN THE ORE, TOGETHER WITH THE PERCENTAGE AND VALUE OF EACH. IT IS THE MOST SATISFACTORY ANALYSIS TO APPLY ON ALL UNKNOWN ORES, WHOSE GENERAL APPEARANCE INDICATES PROBABLE VALUES

QUALITATIVE ANALYSIS $5.00
THIS ANALYSIS WILL DETECT AND REPORT THE ABSENCE OR PRESENCE OF THE FOLLOWING 23 METALS: LEAD, SILVER, MERCURY, GOLD, BISMUTH, ARSENIC, ANTIMONY, COPPER, CADMIUM, TIN, ALUMINUM, MANGANESE, COBALT, ZINC, CHROMIUM, STRONTIUM, IRON, NICKEL, BARIUM, CALCIUM, MAGNESIUM, TUNGSTEN AND MOLYBDENUM.

Duplicate Report

DENVER, 1, COLO., Aug. 21, 1951.

Report on Complete Analysis submitted by Mr. Chas. D. Casady, Prescott, Arizona.

* *

ELEMENTS PRESENT	PERCENTAGES
Moisture, Combined Water and Carbon Dioxide	1.50
Silica	82.05
Iron Oxide	8.64
Aluminum Oxide	2.14
Calcium Oxide	0.73
Magnesium Oxide	0.10
Lead	0.90
Copper	2.50
Oxygen (with copper and lead)	0.55
Sulphur	0.34
Manganese Oxide	0.05
Sodium and Potassium Oxides	0.35
	99.85

Gold .16 ounces per ton at $35.00 per ounce -$5.60 per ton
Silver 19.20 ounces per ton at 90¢ per ounce -$17.28 per ton
Copper 2.50% at $4.00 per unit - - $10.00 per ton
Lead 0.90% at $3.00 per unit - -- $2.70 per ton
Titanium, Barium, Zinc, Vanadium traces
Platinum and Platinum Group Metals none.

$35,58 value now showing,

* *

REMARKS: This sample consists chiefly of hard white Quartzite (silica) with black to brown Hematite (iron oxide).
The bright green mineral is Malachite (copper carbonate).
The lead is present mostly as heavy white to gmay Cerussite (lead carbonate).
This ore is valuable for its gold, silver, copper and lead contents.

Respectfully submitted,

THE COLORADO ASSAYING COMPANY

Edmund Phillips

Cross Lodes No # 1 Claim
9 in Stringer vein
8 ft mother Lode
150 ft north
Sulphides showing.
J.G.C.

AUG 2? 1951

2

2 of us miners that can devote full time labor untill operation work of the exploration project is completed and 1 other partner can furnish part time labor hauling and doing camp work, cooking & etc. If we can only get established and operating I feel sure that within a reasonable amount of time and labor we can prove are in sight. This assay report shows $35.58 in values at present in a 10 ft surface diggings. I am working for the City of Prescott, Laborer Street Department and can very easily be located should a Government Mining Engineer wish to examine our ground. Please let me hear from you. I remain

Very Respectfully Yours
John G Eckel
Prescott Arizona
118 Brush St
c/o Charles D Casady

For
The Cross Sodes Mining Co.
By John G Eckel. Operator.

Return to
John G. Eckel
118 Brush St
Prescott Arizona
% Charles F. Cassady

PRESCOTT
AUG 22
10 PM
1951
ARIZ.

United States Department of the Interior
Defence Minerals Administration
Washington 25
D. C.

% Thomas Billings Chief Leasing Branch.

August 9, 1951

Mr. John G. Eckel
c/o Charles D. Casady
Cross Lodes Mining Company
118 Brush Street
Prescott, Arizona

Subject: DMA-1939
Re: Exploration Loan -
Cross Lodes Claims 1 to 7

My dear Mr. Eckel:

Receipt is acknowledged of your application and attachments of July 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1939 and referred to Mr. Thomas Billings, Chief, Lead-Zinc Branch on August 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1939.

Sincerely yours,

Robert E. Adams
Chief, Reports & Records Unit

REAdams:jc
cc: ✓Billings
Lyon
Reports & Records File

AUG 10 1951

August 9, 1951

Mr. John G. Eckel
c/o Charles D. Cassady
Cross Lodes Mining Company
118 Brush Street
Prescott, Arizona

Subject: DMA-1939
Re: Exploration Loan -
Cross Lodes Claims 1 to 7

My dear Mr. Eckel:

Receipt is acknowledged of your application and attachments of July 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1939 and referred to Mr. Thomas Billings, Chief, Lead-Zinc Branch on August 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1939.

Sincerely yours,

Robert E. Adams
Chief, Reports & Records Unit

REAdams:jc
cc: Billings
Lyon
✓Reports & Records File

AUG 10 1951

Prescott Arizona
August 3, 1951

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

Gentlemen

I have not received my Assay Returns from Denver, They have been delayed on a Complete Analysis of the Spectrum However as this is chiefly a straight Lead Property more or less I hereby Submitt this Application as is, and am Perfectually Willing to explore this Vein as herein describe on a Government assistance Exploration Project.

Very Respectfully Yours
John G. Hokell
Prescott Arizona
118 Brush Street
P. Charles D. Cassady.

Register # 433

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 6 1951

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 1939

Date received 8-8-51

Participation

Name and address of applicant

Cross Sides Mining Co
By John H. Eckel
Operator,
118 Rush Street,
c/o Charles L. Casady, Prescott Arizona, Date July 26, 1951

FILL IN THIS BLOCK

Date of application July 26, 1951 Estimated cost $25,000

Mineral or metal Lead & Copper Percentage of Government participation $12,500

Location of mine T17NR5W Sec 28 & 29
Eureka Mining District

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 6 1951

Date of filing MF-100 July 26, 1951 DMA Docket Number, if available 1939

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? Partnership
*2. If a partnership, state names and addresses of partners. on Separate Sheet Exhibit A
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. 27 years experience John H. Eckel Operator
*5. Are you the owner or the lessee of the property? 1/4 owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none Clear Title
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. none available
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)? 3 men labor for 2 years, $500 cash Period of 2 years

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

16-[illegible]-1

AUG 10 1951

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. None

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. on seperate sheet

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. agreed upon

*11. State the present and former names of the property, if any. Cross Lodes Claim Nos 1-to 7 other none

*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. Prescott 40 miles Distant shipping Point good roads

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Lake Creek. good. State amount of power to be used, rate per hour or other cost, and source. gas $350 per hr

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Native Timber, No Buildings, Stone Gravel & Sand

15. State in detail how the ore could be shipped and how and where milled. Trucks to Prescott to El Paso Texas

*16. History: new Location, Virgin Ground

(*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. none

(*b*) State briefly the known history and production of adjoining and neighboring properties. 2 miles another mine

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none made

*17. Production: none

(*a*) If mine is in production, furnish the following information: no Production at Present

Note

	Tons per day	Grade or analysis	Cost per ton	Net value per ton
(1) Mining	2 Miles Distant old abandoned mine			
(2) Milling				
(3) Shipped or sold	Trace Gold Lead and Copper ore showing			

*18. Ore or mineral reserves: (If property is or has been operating.) operated once

(*a*) Describe the ore or mineral deposits briefly. Lead & Copper & gold

(*b*) Submit available maps and assay data. none available

(*c*) Give estimated tonnage and grade of each class of ore reserves. only Partially explored

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. none

name of abandoned mine, Wallace Gold Claims,

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 1-35 ft shafts 2 years

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

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. on seperate sheet

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: $2,500

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each 1 miner operator $12,90

(*b*) Supervisors, by numbers and positions, with salaries of each. 1 operator 500 per mo

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. House $ 2,300

(*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. on Seperate Sheet Tabulated

(*f*) Cost of rental for equipment which the operator proposes to rent. none to Purchase $ 13,500

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. 250 Tools

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. on seperate sheet

(*i*) Cost of power, water, utilities, and any other items not provided for above. gas $350 per hr

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. [illegible] $2,000 Total including Labor

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.

Cross Lodes Mining Co
(Name of company)

By John D. Eckel
(Signature of authorized official)

July 26, 1951
(Date)

Operator
(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. T17N R5W Sec 28 & 29

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

Yavapai Co Prescott Arizona 40 miles Distant

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 1939

Date received 8-8-51

Participation

Name and address of applicant

Cross Loder Mining Co.
By John G. Cobb
Operator
118 Branch St.
Prescott Arizona
c/o Charles D. Casady.

Date July 26 1951

FILL IN THIS BLOCK

Date of application July 26, 1951

Estimated cost $5,000

Mineral or metal Lead & Copper

Percentage of Government participation 12,500

Location of mine T17N R5W Sec 25
Eureka Mining District

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 6 1951

Date of filing MF-100 July 26, 1951

DMA Docket Number, if available 1939

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? Partnership
*2. If a partnership, state names and addresses of partners. on separate sheet, Exhibit A
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. 27 years experience John G. Cobb Operator
*5. Are you the owner or the lessee of the property? 1/4 Owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None Clear Title
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. None available
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)? Yes Mens labor for 15 years, 1/4 [illegible] for 6 years

*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. None

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. On separate sheet

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. agreed upon

*11. State the present and former names of the property, if any. Cross Lodes Claim No 1 to 7 inc

*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. Prescott 40 miles Distant shipping Point good roads

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Pine Creek State amount of power to be used, rate per hour or other cost, and source. Gasoline $3.50 per hr Yearly

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Timber No Buildings Stone gravel & sand

15. State in detail how the ore could be shipped and how and where milled. Truck to Prescott to be Smelted

*16. History: No Locations Virgin Ground

(*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. None

(*b*) State briefly the known history and production of adjoining and neighboring properties. 3 miles another Mine

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. None made

*17. Production: None

(*a*) If mine is in production, furnish the following information: no Production at Present

Note

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

2 miles Distant old abandoned Mine Free Gold Lead & Copper ore showing

*18. Ore or mineral reserves: (If property is or has been operating.) Worked once

(*a*) Describe the ore or mineral deposits briefly. Lead Copper & Gold

(*b*) Submit available maps and assay data. None available

(*c*) Give estimated tonnage and grade of each class of ore reserves. one Partially explored

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. None

name of abandoned Mine, Walace Gold Claims

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 7-35 ft shafts 2 years

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

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. on separate sheet

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: $12,500

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 miner on separate sheet $2.80

(*b*) Supervisors, by numbers and positions, with salaries of each. Operator 500.00 mo

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. None

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. House $265.00

(*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. On separate sheet, Tabulated

(*f*) Cost of rental for equipment which the operator proposes to rent. None to Purchase $12,500

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. 250.00 Tools

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. on separate sheet

(*i*) Cost of power, water, utilities, and any other items not provided for above. Gas $350.00 Powder

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. 2 years Total $25,000 Total including Labor

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.

Cross Lodes Mining Co
(Name of company)

By John G. Cekel
(Signature of authorized official)

July 26, 1951
(Date)

Operator
(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.

T. 17 N R 1 W Sec 28 & 29

Yavapai Co Prescott Arizona 40 Miles Distant

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 1939

Date received 8-8-51

Participation

Name and address of applicant

Cross Lodes Mining Co.
By John G. Eckel
118 Brush Street
Prescott Arizona
c/o Charles D. Carady.
Operator

Date July 26 1951

FILL IN THIS BLOCK

Date of application July 26 1951

Estimated cost $25,000

Mineral or metal Lead & Copper

Percentage of Government participation $12,500

Location of mine T17N R5W Sec 28 & 29
Eureka Mining District

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 6 1951

Date of filing MF-100 July 26 1951

DMA Docket Number, if available 1939

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? a Partnership

*2. If a partnership, state names and addresses of partners. on separate Exhibit A.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 8 Years experience John G. Eckel Operator

*5. Are you the owner or the lessee of the property? Yes owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None Clear Title

7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. None available

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)? 2 men labor for 2 years $1200.00 per Period of 2 years

*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. none

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. separate sheet

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. agreed upon

*11. State the present and former names of the property, if any. Cross Lodes Claim No 1-to 7. none other

*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. Prescott 40 miles Distant shipping Point good roads

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Mine Well Yearly
State amount of power to be used, rate per hour or other cost, and source. gasoline $8.00 per day

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Native Timber No Buildings stone gravel + sand.

15. State in detail how the ore could be shipped and how and where milled. Trucks to Prescott to El Paso Texas

*16. History: New Location Virgin Ground.

(*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. none

(*b*) State briefly the known history and production of adjoining and neighboring properties. 2 miles another Mine

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none made

*17. Production: None

(*a*) If mine is in production, furnish the following information: No Production at Present.

Note

	Tons per day	Grade or analysis	Cost per ton	Net value per ton
(1) Mining	2 miles Distant old abandoned mine			
(2) Milling	Free Gold, Lead, + Copper ore showing			
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) operated ore

(*a*) Describe the ore or mineral deposits briefly. lead Copper + gold

(*b*) Submit available maps and assay data. none available

(*c*) Give estimated tonnage and grade of each class of ore reserves. Possibly Explored

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. None
name of abandoned mine, Wallace Gold Claims

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 7-35 ft Shafts 2 years

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

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. on separate sheet,

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: $12,500

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. Miner separate sheet $1286

(*b*) Supervisors, by numbers and positions, with salaries of each. Operator $500.00 per mo

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. thereof $265.00

(*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. on separate sheet Tabulated

(*f*) Cost of rental for equipment which the operator proposes to rent. none to Purchase $12,500

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $350.00 Tools

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each on separate sheet

(*i*) Cost of power, water, utilities, and any other items not provided for above. gas $350.00 per Mo

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. 2 years time $25,500 Total including Labor

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.

Cross Lodes Mining Co. (Name of company) By John G. Eckel (Signature of authorized official)

July 26 1951 (Date) Operator (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.

Yavapai Co T 17 N R 5 W Sec 28 + 29 Prescott Arizona 40 Miles Distant

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

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 1939

Date received 8-8-1951

Participation

Cross Lodes Mining Co
By John G. Eckel, Operator
118 Brush Street Prescott Arizona
c/o Charles D. Cassady,

Name and address of applicant

Date July 26, 1951,

FILL IN THIS BLOCK

Date of application July 26 1951

Estimated cost $25,000

Mineral or metal Lead & Copper

Percentage of Government participation $12,500.

Location of mine T17N R5W Sec 28 & 29.
Eureka Mining District

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 6 1951

Date of filing MF-100 July 26, 1951,

DMA Docket Number, if available 1939

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? a partnership
*2. If a partnership, state names and addresses of partners. on seperate sheet, Exhibit A
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. 2, 7 years experience, John G. Eckel, Operator
*5. Are you the owner or the lessee of the property? 1/4 owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none, Clear Title
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? 2 men labor for 2 years @ $100 per over a period of a years

*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. None.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. [illegible]

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. agreed upon

*11. State the present and former names of the property, if any. Cross Lode Claims No 1 to 7 none other

*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. Prescott 40 miles Distant [illegible] Roads

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Pine Creek Yearly State amount of power to be used, rate per hour or other cost, and source. Gasoline 35¢ per hr

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Native Timber, no Buildings Stone Gravel + sand

15. State in detail how the ore could be shipped and how and where milled. Truck to Prescott to El Paso Texas

*16. History: New Location Virgin Ground

(*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. None

(*b*) State briefly the known history and production of adjoining and neighboring properties. 2 miles another Mine

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none made

*17. Production: None

(*a*) If mine is in production, furnish the following information: no Production at Present

note

	Tons per day	Grade or analysis	Cost per ton	Net value per ton
(1) Mining	2 miles Distant old abandoned mine			
(2) Milling	Free Gold Lead + Copper ore showing			
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) operated once

(*a*) Describe the ore or mineral deposits briefly. Lead Copper + Gold

(*b*) Submit available maps and assay data. none available

(*c*) Give estimated tonnage and grade of each class of ore reserves. [illegible] Partially Explored

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. None name of abandoned mine Wallace Gold Claim

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 7-35 ft shafts 2 years

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

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. On separate sheet.

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: $12,500

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 mine superintendent 1280

(*b*) Supervisors, by numbers and positions, with salaries of each. Operator 500 a year

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. None

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. None $

(*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. On separate sheet Tabulated

(*f*) Cost of rental for equipment which the operator proposes to rent. None to Purchase $ 12,500 $

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. 250 $ [illegible]

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. On separate sheet

(*i*) Cost of power, water, utilities, and any other items not provided for above. [illegible] 3,500 [illegible]

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. 2 years Time $ 3,000 Total Including Labor

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.

Cross Lode Mining Co. (Name of company) By John G Eckel (Signature of authorized official)

July 26, 1951 (Date) Operator (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. T 17 N R 5 W Sec 18 + 19

Yavapai Co. Prescott Arizona 40 miles Distant

MF-200
(April 1951)

Docket No. DMA 1939
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 26th day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Cross Lodes Mining Co. John G. Edell Operator 118 Park Street Prescott Arizona c/o Charles L. Casady 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 Arizona, County of Yavapai described as follows: [3] Cross Lodes Claims No. 1 to 7 Recorded of Yavapai Co. in T. 17 N. R. 5 W. Sec. 29 Sect. 29 Twenty Miles from Prescott Arizona, Eureka Mining District New Location, 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: no Claim's no lien's Clear title Virgin Ground

(*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 24 hours days from the date of this contract shall commence work on a project of exploration for [5] Lead & Copper; 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] 2 Years Time 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. on Separate Sheet Exhibit A

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. agreed upon

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. Lead & Copper
[6] Not in excess of 2 years. Completion of work. 2 Years Time Guaranteed JGE.

16—64066-1

7. *Title to and disposition of property.* [illegible] facilities, buildings, fixtures, equipment, or [illegible]er 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 50 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 $ 12,500, which is 50 percent of the agreed estimated total cost of this project, $ 25,000.

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.

Cross Lodes Mining Co
(Operator)

By John G Eckel, Operator.

THE UNITED STATES OF AMERICA

By _____

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

MF-200
(April 1951)

Docket No. DMA 1939
Commodity

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 26th day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Cross Lodes Mining Co, John G. Eckel Operator 118 Brush Street. Prescott Arizona c/o Charles B Cassady,
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 Arizona County of Yavapai described as follows: [3] Cross Lodes Claims, nos 1-to 7 Richardson Yavapai Co in T 17 N R 5 W, Sec 28 + 29 Fourty miles from Prescott Arizona Eureka Mining District New Locations
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: no Claims No Liens. Clear Title. Virgin Ground.

(*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 24 hours days from the date of this contract shall commence work on a project of exploration for [5] Lead & Copper; 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] 2 Years Time 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. one Seperate Sheet, Exhibit A

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. agreed upon

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. Lead & Copper
[6] Not in excess of 2 years. Completion of work 2 Years Time. Guaranteed DHS.

16—64066-1

7. *Title to and disposition of property.* [illegible] facilities, buildings, fixtures, equipment, or [illegible]er 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 50 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 $ 12,500, which is 50 percent of the agreed estimated total cost of this project, $ 25,000.

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.

Cross Lodes Mining Co.
(Operator)

By John G. Eckel Operator

THE UNITED STATES OF AMERICA

By _____

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

MF-200
(April 1951)

Docket No. DMA 1939
Commodity

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 26th day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Cross Lodes Mining Co, John G. Cokel Operator 118 Brush Street Prescott Arizona
& Charles D Cassady
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 Arizona, County of Yavapai, described as follows: [3] Cross Lodes Claims 1-to 9 Record of Yavapai Co in T 17 N R 5 W Sec 28 + 29 Fourty miles from Prescott Ariz, Eureka Mining District New Locations
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: No Claims No liens Clear Title, Virgin Ground

(*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 24 hours days from the date of this contract shall commence work on a project of exploration for [5] lead + Copper; 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] 2 Years Time 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. on separate sheet Exhibit A

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. agreed upon

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. Lead & Copper
[6] Not in excess of 2 years. Completion of work, 2 Years Time Guaranteed

16—64066-1

7. *Title to and disposition of property.* [illegible] facilities, buildings, fixtures, equipment, or [illegible]er 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.

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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.

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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.

Cross Lodes Mining Co
(Operator)

By John G. Eckel, Operator

THE UNITED STATES OF AMERICA

By

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

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of _____, State of _____, described in a certain Exploration Project Contract dated _____, 195___, between _____, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated _____ _____, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this _____ day of _____, 195___

_____

U. S. GOVERNMENT PRINTING OFFICE 940768

No Lease on Cross Lodes Claim Clear Title
July, 26, 1951, J.H.C.

MF-201

MORTGAGOR'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the owner is the holder of a mortgage, claim, lien, or encumbrance dated ----------, ----------, recorded in Book ----------, page ----------, of the records of the county of ----------, State of ----------, upon that certain parcel of ground described in a certain Exploration Project Contract dated ----------, 195___, between ----------

---

the owner of said property and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this ---------- day of ----------, 195___

U. S. GOVERNMENT PRINTING OFFICE 940767

No Mortage on Cross Lodge Claim Clear Title

July 26, 1951 DJG

THE BANK OF ARIZONA

ESTABLISHED 1877

HEAD OFFICE
PRESCOTT
ARIZONA

OFFICES
CLARKDALE
COTTONWOOD
FLAGSTAFF
JEROME
WILLIAMS

July 21, 1951

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

Gentlemen:

We have been asked by Mr. John G. Eckel to supply a letter of reference based upon our dealings with and knowledge of him over the years.

Mr. Eckel comes from an old family in this area and has worked in the mining business practically all his life. In about 1945 he had considerable dealings with us, all of which were satisfactory, but we have not been doing much with him since.

It is a pleasure, however, to state that insofar as we personally are concerned, Mr. Eckel has always proved entirely satisfactory and good for his commitments although the commitments have always been for rather limited sums.

Very truly yours,

Sherman Dougherty

President

Prescott, Arizona
July 24, 1951

United States Department of the Interior
Defense Minerals Administration

Gentlemen:

This is to certify that I have known John G. Eckel for the past 25 years, and have the knowledge that he is a mining man of competent ability. Honest and Dependable to the best of my knowledge and belief.

Signed .....
Mining Engineer
H. R. Wood

This man of above Reference Was Connected with the Hillside Mine at one time a very Prominent Mining Engineer of these Parts

Respectfully
John G. Eckel

WEBB MOTORS, INC.

the one fine car in its field

114 SOUTH GRANITE ST.
PRESCOTT, ARIZONA
PHONE 57

July 21, 1951

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

Gentlemen:

This will certify that I have known John G. Eckel of Prescott, Arizona for a minimum of 12 or 15 years. During that time we have had numerous business dealings and I have found him to be a man of his word who could be depended upon to take care of his obligations. I consider him a good risk.

Very truly yours,

WEBB MOTORS, INC.

R. L. Webb

R. L. Webb
President

RLW/lb

E. R. JACKSON, PRESIDENT
W. C. KETCHERSID, VICE PRES.
F. S. WAITMAN, SEC. & TREAS.

P. O. BOX 110
PHONE 310-311

ARIZONA MINING SUPPLY CORPORATION

JOBBERS & DISTRIBUTORS, MACHINE SHOP, MOTOR RE-WINDING, LUMBER YARD

MACHINERY - MINING AND BUILDERS SUPPLIES - HARDWARE

PRESCOTT, ARIZONA

July 23, 1951

U. S. Department of Interior
Bureau of Finance
Mineral Administration
Washington, D. C.

Gentlemen:

We have known Mr. John G. Eckel, of 118 Brush Street, Prescott, Arizona, for the past ten years, and have done business with him.

He has been engaged in the mining business during this time and has taken care of his obligations satisfactorily with us.

Yours very truly,

ARIZONA MINING SUPPLY CORPORATION

E. R. Jackson
President

ERJ:bl

R. V. HOWARD, PROP. PHONE 272

YAVAPAI CASH MARKET

MILLER VALLEY

WOOD, FEED, GROCERIES, MEATS, GAS, OIL

PRESCOTT, ARIZONA

U S Dept. Interior
Defiuey Mineral Adminstration
Washington D. C.

Gentlemane
I have known John G. Eckel for the past 15 years. He has been a resident of this locality during this time and has done considerable business both Cash and Credit basis. He has been interested and worked in the Mining field for many years. He is honest and dependable.

Very truly yours

R V Howard

Prescott, Arizona
June 15, 1934.

RHYMING ON MINING

A Toast Dedicated to the Re-opening of the Hillside Mine

The Days of old
Have often been told
Of Miners digging for gold
Down in the Hillside Mine.

Wagon trains took it away
Day by Day
To Seligman Station far away
They had to make it pay.

It's booming again
After years shut down
The miners are doing it
Round by round
Sometimes they have to make it safe
And look over their ground.

With pick and drill
and shovels too,
They break enough ore
To run the mill
The whole day through.

Dark as midnight,
Without a light
Is the miner's home
Underground
Since territorial days
We have changed our ways
We now have modern mills
The running of the same
Is all in the mining game,
It's music to our ears
After all these years
Learning how to make concentrates
It pays to mine.

Miners and Millmen
And muckers too,
Keep the thing going
The whole day through.

Mechanics and oil flotation
Along with a little aggravation
We recover that hidden Gold
Down at the Hillside Mine.

Even the blacksmith
Although he is old,
Sharpens the tools
We take in the hole
Assayers and Bricklayers
And even the Cook,
We have enough excitement
Down there, for a book.

Even the Electrician
Happy as a lark,
Touches the thing off,
And gives us a spark.

In the days of old
It was root hog or die,
And now with modern ways
We recover that Gold,
Down here at the Hillside Mine.

Written by John George Eckel
The Ace of Spades Miner,
Hillside, Arizona
C/O The Hillside Mine.
Recommended for Publication by Joe Morgan.

August, 3, 1951,

Reference that I have followed Mining for 27 years and better

Respectfully
John G. Eckel

Prescott, Arizona
July 26, 1951

United States Department of the Interior
Defense Minerals Administration

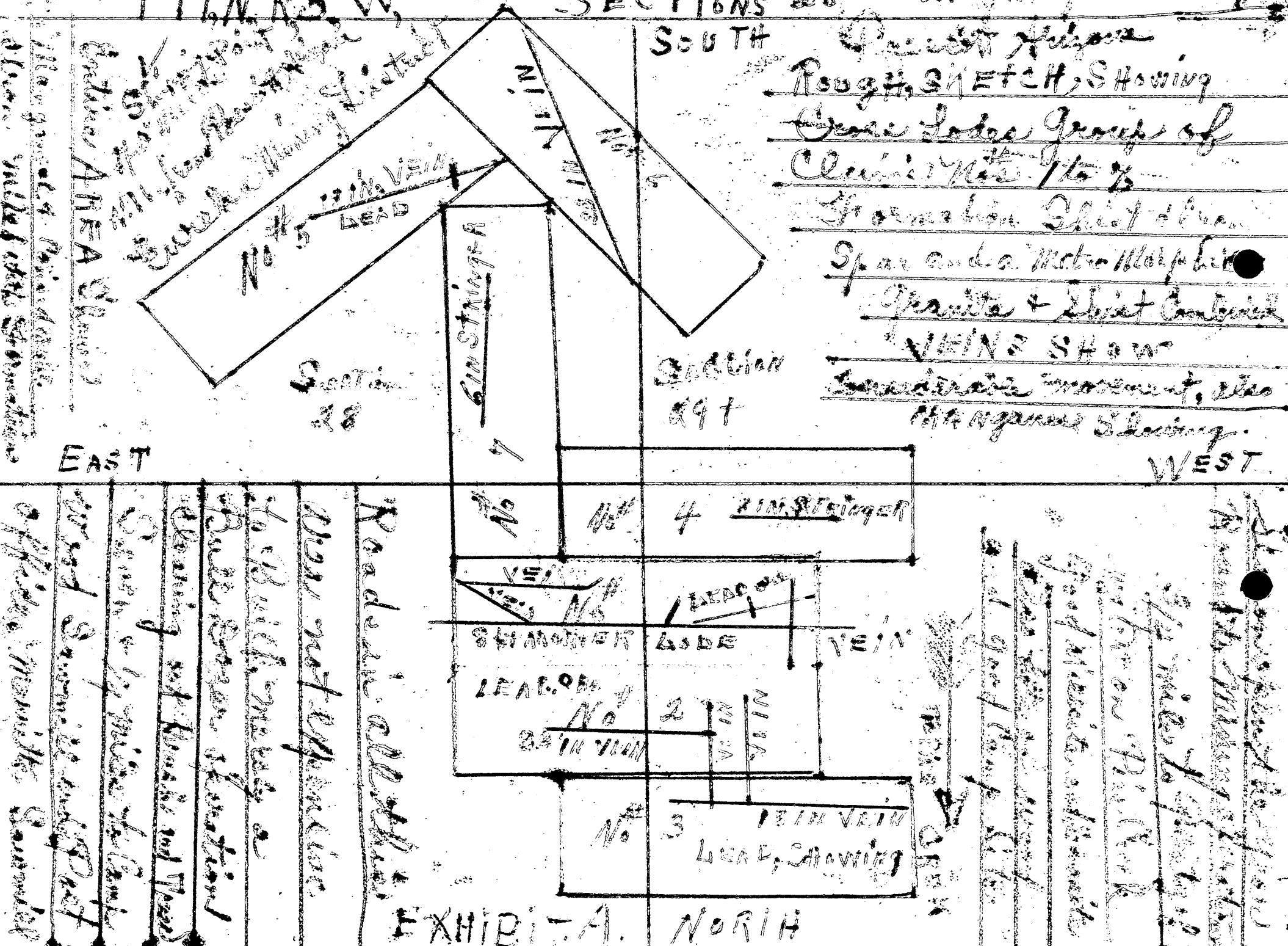
Gentlemen,

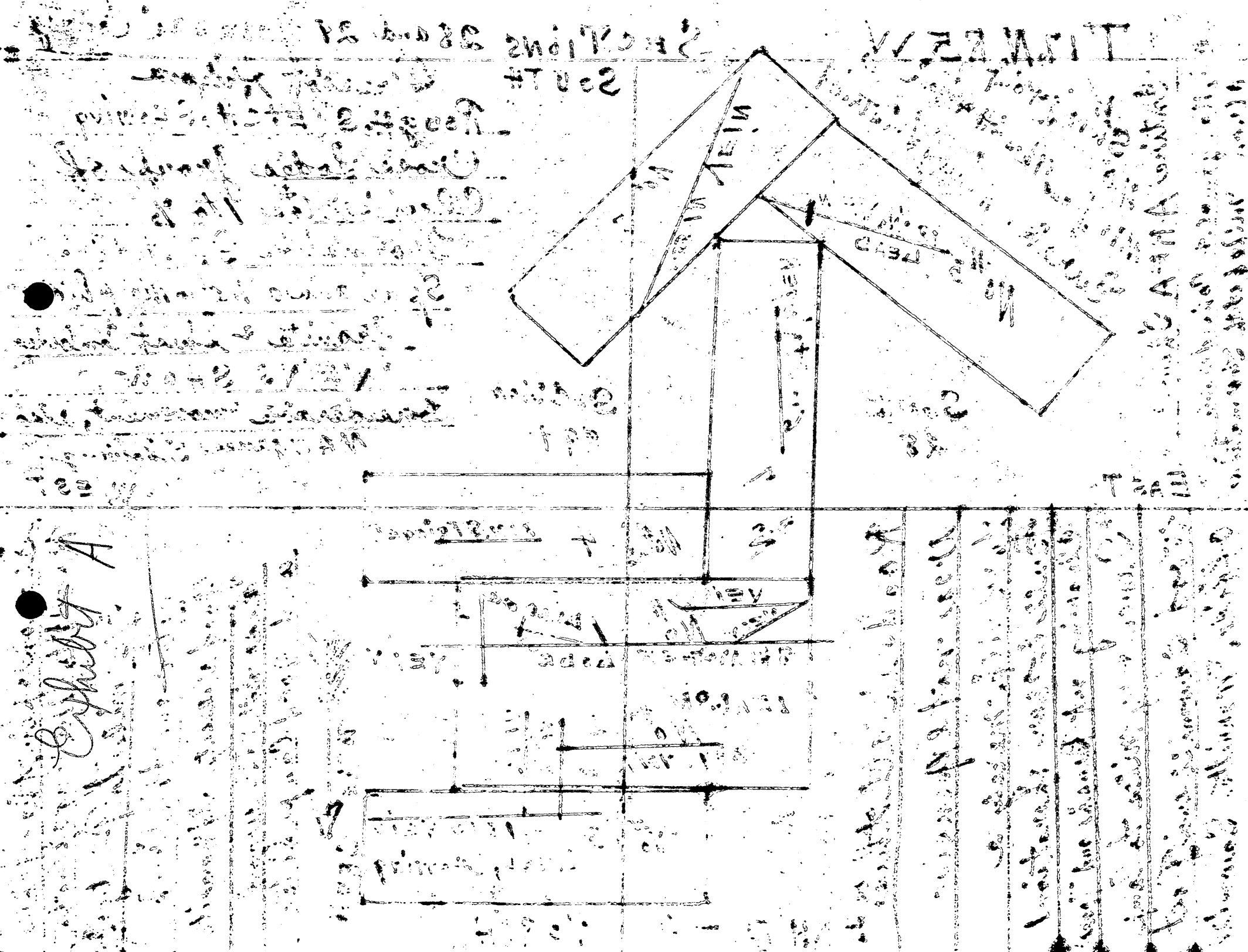
EXHIBIT A.

Statement of Proposed Development Work in 7-35 ft. Prospect shaft on the Lakeview and Cross Cutting Veins from Wall Rock. Mining are so that it can be pitched up and shipped. Building of Ore Bin on Post Hoisting Gear that can be Dismantled and hauled easily. Building of Bunk House and Cook Shack timber all shaft work. The Cross Veins Present on the Cross Lode Group of Claims. You will be meeting others of mining nearby, of have marked on Geological Survey map, quite a lot of work has been done there, the 2 miles distant and the adjoining is Free Gold Mary Copper Chromite. Practically the same as the Cross Lodes. My question of Present and Future Work from the Lower Adobe Ranger are their veins only one found which of course is Gold Copper & ~~Not~~ Chromite.

T17N R5W, SECTIONS 28 and 29 Yavapai County

Rough Sketch, Showing Some Lode Groups of Claims No. 1 to 5 Formation Schist & Quartz Sparse Gold & Metallic Sulphides Granite & Schist Contact VEINS SHOW Considerable Movement, also Manganese Staining.





LEGAL AGREEMENT

EXHIBIT-B

Prescott, Arizona
July 24, 1951

To Whom It May Concern:

We hereby agree to call the "Cross Lodes Mining Locations No's 1, 2, 3, 4, 5, 6, 7" a partnership company, namely the "Cross Lodes Mining Co. Equal one-quarter (1/4) interest.

OWNERS

John G. Eckel	1/4	118 Brush St., Prescott, Ariz.
Charles D. Casady	1/4	118 Brush St., Prescott, Ariz.
L. P. Gipson	1/4	Lawler Bldg. Prescott, Ariz.
J. T. Johnson	1/4	Henson Const. Co. Prescott, Ariz.

We also agree to put John G. Eckel in charge of mining operations as Mine Foreman and General Superintendant, to manage this project and sign official papers in our behalf for a period of Two (2) Years, subject to a government loan; further that we will make our one-fourth (1/4) interest responsible for repayments of that loan out of production only. We also agree to meet match money equally over a period of two (2) years. And individually our 1/4 interest are subject to the terms of repayment of loans or expenses incurred in respect to mining and development work on the property (Records of Yavapai County, Arizona).

Bookkeeping and account records are to be kept open for all parties to check over if occasion arises.

We hereby affix our signatures to this agreement as binding and acknowledge that the signature of John G. Eckel's on official papers is binding on our behalf.

John G. Eckel
John G. Eckel

Charles D. Casady
Charles D. Casady

L. P. Gipson
L. P. Gipson

J. T. Johnson
J. T. Johnson

State of Arizona)
) SS
County of Yavapai)

On this day before me the undersigned Notary Public personally appeared John G. Eckel, Charles D. Casady, L. P. Gipson, and J. T. Johnson and each acknowledged to me that he executed the foregoing for the purposes therein expressed.

Hugh W. Wright
Notary Public

My Commission expires
2-19-54

A. H. HOLLAND, Pres-Treas. EDMUND E. PHILLIPS, Vice-Pres. and Gen. Mgr. M. E. HOLLAND, Secretary

OUR MOTTO: WHAT THERE IS IN IT, NO MORE, NO LESS.

THE COLORADO ASSAYING COMPANY

(INCORPORATED)

ASSAYERS AND CHEMISTS

2013 WELTON STREET

DENVER 1, COLORADO, June 28, 1951.

REPORT ON DETERMINATIONS MADE FOR— Mr. Chas. D. Casady,
Prescott, Arizona.

SAMPLE MARKS	METALS	Amount per Ton Ozs.	Amount per Ton Hds.	PER CENT	Value per Ton Dollars	Value per Ton Cents
Exhibit B.	Gold		.01			.35
	Silver		.90			.81
	Lead			9.4%	28.	20

GOLD AT $35.00 PER OUNCE
LEAD AT $3.00 PER UNIT

SILVER AT 90¢ PER OUNCE
COPPER AT _____ PER UNIT

THE COLORADO ASSAYING COMPANY

By Edmund Phillips

Shop No. .....
File No. .....

VALUES
Latest Quotation

1 oz. Gold .....
1 oz. Silver .....
1 lb. Copper .....
1 lb. Lead .....
1 lb. Zinc .....

CHAS. A. DIEHL — Phone 3-4001 — Phoenix, Arizona

Arizona Assay Office

815 North First Street — P. O. Box 1148

Exhibit B

Dec. 12 1950

Short Ton - - - - - 2000 Lbs.
Short Ton Unit - - - - 20 Lbs.
Long Ton - - - - - 2240 Lbs.
Long Ton Unit - - - 22.4 Lbs.

THIS CERTIFIES
samples submitted for assay
contain as follows:

Mr. John G. Eckel
Western Hotel, Prescott

MARKS	SILVER PER TON Ozs.	SILVER PER TON Tenths	VALUE	GOLD PER TON Ozs.	GOLD PER TON 100ths	VALUE	TOTAL VALUE PER TON of Gold & Silver	PERCENTAGE % Manganese	REMARKS
Manganese Float taken from wash on Cross Lodee No #2 Claim. This goes 40.09 % manganese. Never found it in Place, but manganese ore is in this vicinity John G. Eckel								40.08	

Charges $ Paid

Assayer C. A. Diehl
H. G. Lowe

Shop No. .....
File No. .....

VALUES
Latest Quotation

1 oz. Gold.....
1 oz. Silver.....
1 lb. Copper.....
1 lb. Lead.....
1 lb. Zinc.....

CHAS. A. DIEHL Phone 3-4001 Phoenix, Arizona

Arizona Assay Office

815 North First Street P. O. Box 1148

Exhibit B,

Dec 12, 1950

Mr. John g. Eckel

Western Hotel, Prescott

Short Ton - - - - - 2000 Lbs.
Short Ton Unit - - - - 20 Lbs.
Long Ton - - - - - 2240 Lbs.
Long Ton Unit - - - 22.4 Lbs.

THIS CERTIFIES
samples submitted for assay contain as follows:

MARKS	SILVER PER TON Ozs.	SILVER PER TON Tenths	VALUE	GOLD PER TON Ozs.	GOLD PER TON 100ths	VALUE	TOTAL VALUE PER TON of Gold & Silver	PERCENTAGE % Lead	REMARKS
#1 Coronado Gold Claim		.6			.02	.70		14.60	$49.64
#2		.6			.02	.70			

These Assay's were made from ore taken from Cross Lode's No #1 Claim Side vein 25 ft Distant from 8 ft Quartz iron Sulphide Mother Lode Vein 150 ft in lenght.
John G. Eckel

Charges $ Paid

Assayer C. A. Diehl
(H. A. Lowe

EXHIBIT-B

Exhibition in [illegible] Prescott, Arizona, July 26, 1951

Yavapai Co. Recorder's Office

of The Cross Lode Claims

No. 1 to 7 respectively as follows:

Cross Lode No. 1 Book 125 of Mines Page 156

Affidavit No. 763

Cross Lode No. 2 Book 125 of Mines Page 151

Affidavit No. 764 Page 9[illegible]

Cross Lode No. 3 Book 125 of Mines [illegible]

Affidavit No. 765

Cross Lode No. 4 Book 125 of Mines Page 153

Affidavit No. 766

Cross Lode No. 5 Book 125 of Mines Page 157

Affidavit No. 767

Cross Lode No. 6 Book 125 of Mines Page 160

Affidavit No. 774

Cross Lode No. 7 Book 125 of Mines Page 359

Affidavit No. 786

[illegible] T 12 N R 5 W [illegible] Sections 28 and 29 [illegible] in the [illegible] [illegible] [illegible] [illegible] [illegible] from Prescott Arizona [illegible]

Pick good hard holes and Churn Drills and some Camp equipment. We can begin work anytime within 24 hours' notice, if would just as soon mine and ore to help our Government in any way possible for a short period. Thinking is what of am fully for. Its been my life work, & like it. I trust that the Lake Mineral Administration will look into this Enterprise Economic and Judge the Chances of Bringing in a Big New Mine.

Respectfully Submitted

John G. Cook

Mr. Ah Cheu Lodes Mining Co.

115 Bunkoff

Prescott

Chas. D. Grady (over) Auzoup

Mercury Mining Equipment	Cost	Not Entered
[illegible] Truck	$ 1,180	[illegible]
[illegible] Compressor [illegible]	$ 1,186	00
[illegible]	100	00
[illegible]	116	00
[illegible] Tents [illegible]	93	45
[illegible] Tents [illegible]	43	60
[illegible]	87	50
[illegible]	71	15
[illegible]	108	00
[illegible] Powder	215	00
1,500 [illegible]	21	00
200 [illegible]	13	60
[illegible]	100	00
[illegible]	1,300	00
[illegible]	115	55
[illegible]	265	00
[illegible]	111	60
[illegible]	50	00
[illegible]	500	00
[illegible]	150	00
[illegible]	1,350	00
Total	$ 15,705	15

[illegible] Management Charges

[illegible] Fourth Capital

[illegible] 500 [illegible]

[illegible] Two Years

[illegible] $ 4,000 [illegible]

EXHIBIT D

EXHIBIT D

President Hoover
July 26, 1951

Department of the Interior
Bureau of Land Management
Coal Mineral Administration
Challenge

The President Mining Co. Illinois State
of Illinois Coal Mining Co. Newlymade
Other Mining Research Co. Illinois are
[illegible] together under the
the [illegible] of [illegible] Mine
and [illegible] [illegible] Blackwater
and all [illegible] Chicago Milwaukee [illegible]
[illegible] Chicago [illegible]
[illegible] Chicago Shoulder
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] Mining [illegible] [illegible] and
[illegible] [illegible] [illegible] for
the Mining Company [illegible] have a
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] Upper Carling [illegible] Little [illegible]
[illegible] Manganese and [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF AGRICULTURE
FOREST SERVICE

CAMP WOOD QUADRANGLE
ARIZONA-YAVAPAI CO.
15 MINUTE SERIES (TOPOGRAPHIC)

To Show Cross Lodes Location and other Mineralization in this Northwest Eureka Mining District. Respectfully John G. Eckel

Mapped by the U.S. Forest Service
Edited and published by the Geological Survey

Control by USGS USC&GS and USFS

Topography from aerial photographs by KEK plotter
Aerial photographs taken 1946. Field check 1947

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, central zone

No distinction is made between dwellings, barns, commercial and industrial buildings

Dashed land lines indicate approximate location

15°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1947

SCALE 1:62500

1 ½ 0 1 2 3 4 MILES

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 50 FEET

DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO OR WASHINGTON 25, D. C.

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS — DRY WEATHER ROADS

Heavy-duty — 4 LANE 6 LANE — Improved dirt

Medium-duty — 4 LANE 6 LANE — Unimproved dirt

Loose-surface, graded, or narrow hard-surface

U. S. Route — State Route

CAMP WOOD, ARIZ.
N3445—W11245/15

EDITION OF 1949