UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

June 3, 1974

MEMORANDUM

To: Chief, Office of Minerals Exploration
Washington, D. C.

From: Field Officer, Region II

Subject: New application (Gold-Silver-Platinum-Copper-Chromium)
Ralph W. and Alice C. Griffen
Starlite Claims
Kern County, California

Enclosed is the original of a new application received in this office June 3, 1974. Spectrographic analyses have not been received. We have made duplicate copies for our file.

The application is complete with respect to Question 1(a): Bank letters. The answers to all other questions, including the name of the corporation, are either omitted or are incomplete.

We have acknowledged receipt of the application without comment on its deficiencies. If funds become available, the applicant should be requested to answer each numbered question on MME Form 40 except 1(a) and--if no more claims are staked--2(b).

R. M. Smith
for H. K. Stager

Enclosures

B.398

152028

Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

June 3, 1974

Mr. and Mrs. R. W. Griffen
P.O. Box 367
Inyokern, California 93527

Re: OME application
(Gold-Silver-Platinum-Copper-Chromium)
Ralph W. and Alice C. Griffen
Starlite Claims
Kern County, California

Dear Mr. and Mrs. Griffen:

Your application dated May 30, 1974 for exploration assistance has been reviewed and forwarded to our Washington, D. C. office.

As you know, all funds for the OME assistance program for this fiscal year have been committed, and at present it appears that none will be budgeted for next fiscal year beginning July 1, 1974. If funds are made available, applications will be considered in the order received, and you will be notified of the results.

Sincerely,

H. K. Stager
Field Officer
OME, Region II

cc: Chief, OME, Wash., D. C.
D RF
MRRF
MPRF
Docket

RCSmith:mlb
6-3-74

MME Form 40
(Revised Nov. 71)

Form approved
Budget Bureau No. 42-R1368

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85—701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

RALPH W. GRIFFEN
ALICE C. GRIFFEN

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6904

DATE RECEIVED:

REGION: II

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL [ ]
- CORPORATION [X]
- PARTNERSHIP [ ]
- OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED: NEVADA

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
ALICE C GRIFFEN	BOX 367 INYOKERN CA 93527	PRESIDENT
RALPH W. GRIFFEN	" " " " " "	VICE " "

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: GOLD SILVER PLATINUM GROUP COPPER & CHROME

ESTIMATED COST OF PROJECT: Seventy five thousand dollars $75,000.00

PROPERTY NAME	LOCATION COUNTY	STATE
STARLITE 6 CLAIMS	KERN	CA

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. II). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Department of the Interior, U.S. Geological Survey, Office of Minerals Exploration,* ~~Washington, D.C. 20242~~ *or with the nearest OME Field Office.* Reston, Va. 22092

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

May 30 1974
DATED

Alice C. Griffen PRESIDENT.
Ralph W. Griffen VICE PRESIDENT
BY *(Signature)*

TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense.
U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

(submit on accompanying pages)

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include (1) *true copies of your letters to credit sources* which show date of loan request, amount and terms requested, and proposed use of loan funds and (2) *true copies of replies from credit sources.* If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements signed by owner on MME Form 52. If the agreements cannot be obtained, state reasons and whether you can furnish a performance bond.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a)

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) If you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates. State your reasons for expecting to find ore.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property state name, address, and telephone number of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show on maps also the relation of the proposed work to any existing mine workings and to *claim boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs for time and materials *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and price of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i. e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price and mobilization charge. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, and materials.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

GOSSAM CAP MINES, INC.
P.O. BOX 367, INYOKERN, CAL. 93527

Mr. Frank Klessen

Loan office

Community National Bank

Ridgerest, Ca. 93555

Gentlemen,;

I would like to make an application for a loan of $75,000.00 Seventy Five Thousand dollars. The money to be used in completing exploration work on mine called Starlight, comprising at present of six claims, and six more are being added. We already have a 110 foot tunnel and crossed main vein of tungston ore, and 500 feet further we will cross a vein of Platinum ore. This vein shows on top at about 800 feet. The ore is complete with Copper, Gold, and Chrome besides platinum, assays show .19 oz. Platinum and .24 Gold. We have other assays comming in, We would like the loan on a two year basis if possible and would like to know your intrest rates.

Respectfully Yours,

Ralph W. Griffen

COMMUNITY NATIONAL BANK ...THE RED CARPET BANK

April 22, 1974

Gossam Cap Mines, Inc.
P. O. Box 367
Inyokern, California 93527

Attention: Ralph W. Griffin

Dear Mr. Griffin:

In reference to your letter, undated, requesting a loan in the amount of $75,000.00 for mine exploration, it is our bank's policy that we do not make loans of this type. We therefore must decline at this time.

If our bank was making this type of loan, our rates would be in the area of 11 to 13 annual percentage rate, depending upon compensating balances and collateral.

If we can be of any further assistance on this matter, please feel free to write or call at any time.

Sincerely,

Frank R. Klassen
Loan Officer

FRK:hrs

P.O. BOX 367, RIDGECREST, CALIFORNIA 93555, PHONE (714) 375-1561

GOSSAM CAP MINES
Incorporated
Domestic & Custom Milling
P. O. Box 367, Inyokern, California 93527

President
Mrs. Ralph W. Griffen

Vice President
Mr. Ralph W. Griffen

May 23, 1974

Gentlemen;

We here by apply for the loan of $75,000.00 on the Starlite claims. Six are recorded and eight more are being worked on. We staked this property out in the fourties known as the Saddle, but dropped them due to the low price of Gold. It seems as though this property had been worked a long time before as the diggings were filled in and full of shrubs.

On the rise in price of Gold and Silver I decided to look it over again and found with our new instrument that it was a Platinum group metals. In fact it was a friend of mine who made the discovery with his instrument.

There is a 110 foot tunnel on claim No. 2, A 60 foot shaft on No. 4, and a 50 foot tunnel on No. 5. I have started a tunnel on No. 7 which is not as yet recorded The vein here is about 16 to 20 feet wide and is exposed for about 400 to 600 feet.

With the rising cost of mining I could not do the exploration work that would be needed to prove the value of this property. There are three chjmneys on this claim and run along the crown or top of the ridge. I would say it say it runs about two miles. There is a road to one of the tunnels that is 110 feet. At a 100 feet we cut into a vein of Tungsten. If this tunnel was extended 400 feet we should cross a vein of Platinum ore. I have started a shaft on the opposite side of the mountain or hog back.

The samples and assay record will have notations with them. One assay record is on an Atomic absorption to make sure there was Platinum in this area as there was a concenses here that there was no Platinum in this area. We also enclose a sample of Tungsten ore.

Thereis a mine operating about five air line miles from our property twards Owen Peak on the same chain, which has been operating at least thirty years, the owners name is Mr. Siebert, I dont know the name of his mine.

Respectfully Yours
Ralph W. Griffen
Ralph W. Griffen

United Bank Center
1740 Broadway
Denver, Colorado 80217
Telephone: (303) 861-8811

Mail 0099

United Bank of Denver

John H. Ferry
Vice President

November 7, 1973

Mr. Ralph W. Griffen
Vice President
Gossam Cap Mines, Inc.
Post Office Box 367
Inyokern, California 93527

Dear Mr. Griffen:

Thank you very much for your letter of October 18, 1973.

We do make loans predicated on mine ore production. These loans usually are term loans based on an economic feasibility study (1) demonstrating that a fully explored deposit can be developed and placed in production; or (2) a current record of profitable mining operations. In both instances, the feasibility study would be supported by details of thorough exploration showing beyond any reasonable doubt that there are blocked out reserves sufficient to amortize a production loan over its contemplated term. In addition, we require conclusive evidence of ability to market all mineral products under contracts which minimize or effectively eliminate price-fluctuation risks. We also expect any operation to be carried on by a management team which has a demonstrated history of competence in running an integrated exploration, mine development, mining, milling, transportation, and sales organization.

In instances where we provide funds for carrying on new exploratory or development work, or for expansion of plant or milling facilities, we are concerned with a going operation which has at least a year to 18 months of current operating history providing a cash flow which can be used for loan amortization. If the mine is not a going operation and exploratory funds are needed, then the program does not qualify on its own merits for commercial bank debt; instead, this type of financing requirement is better met in other ways.

From your application, it appears that other methods of financing would be more appropriate. If you wish a commercial bank to provide

funds, then the basis would have to be either other sources of income and/or the offering of collateral to secure the bank. Such collateral must be securities of easily determined value and quality and should be readily marketable. This can normally be accomplished through pledging of high-quality, listed stocks and bonds (of a non-control person or non-investment status), or through the guaranty of an individual or corporate entity acceptable to us. Subsequently, if, in fact, your mine operation does demonstrate a profitable history, then it would be possible for us to consider the transfer of the collateral base from the security position of marketable securities or guaranty, as indicated, to a straight mine production term loan.

We would suggest that at this time you pursue either equity or subordinated debt type of financing, or perhaps contact one of several Federal Government agencies which provide semi-risk financing, such as the Office of Minerals Exploration, Geological Survey, Department of the Interior. Also, I am enclosing a brochure containing on Pages 23, 24, and 25 a check-list type form containing suggested information to be covered in evaluation reports submitted to the United Bank of Denver by applicants for mine production loans.

We trust these suggestions will be of some help to you, and we look forward to following your activities and the progress of your mining program with much interest.

Very truly yours,

John H. Ferry
Vice President

JHF/sk
Enclosure

GOSSAM CAP MINES
Incorporated
Domestic & Custom Milling
P. O. Box 367, Inyokern, California 93527

President
Mrs. Ralph W. Griffen

Vice President
Mr. Ralph W. Griffen

STARLITE LOAD CLAIMS

Registered in Bakersfield, Kern Co.

	Book	Page	Date
Starlite No. 1	4765	1702	Jan. 15 1973
Starlite No. 2	4765	1703	Jan. 15, 1973
Starlite No. 3	4765	1704	Jan. 15 1973
Starlite No. 4	4765	1705	Jan. 15 1973
Starlite No. 5	4765	1706	Jan. 15, 1973
Starlite No. 6	4765	1707	Jan. 15, 1973

GOSSAM CAP MINES
Incorporated
Domestic & Custom Milling
P. O. Box 367, Inyokern, California 93527

President
Mrs. Ralph W. Griffen

Vice President
Mr. Ralph W. Griffen

PROSPECTUS

Starlite Mining Claims

Six claims approx. acres 121	Platinum groups
One office building 16 by 20	
One 1971 Cheev. pickup	

Equipment on hand

7 cases of powder	154.00
2000 feet of fuse	60.00
200 caps	9.00
One Chicago 2 stage Comp.	800.00
One Portable Comp.	500.00
Three Jack Hammers	1600.00
Twenty foot air hose	75.00
One Dodge Army truck 3/4 ton F.W.D.	900.00
800 feet 20 lb. steel rail	200.00
250 feet 1 1/2 inch pipe	125.00
One mine car, end dump	150.00
One mine car, incline end dump	150.00
One 50 ton wench	450.00
9 ea. jack hammer steel	150.00

There will be more assay records and Spectographs comming

TELEPHONE (805) 327-8567

P.O. BOX 867

HORNKOHL LABORATORIES, Inc.

CHEMICAL AND TESTING ENGINEERS

714 TRUXTUN AVENUE

BAKERSFIELD, CALIFORNIA 93302

April 11, 1974

Laboratory No. 225953 *Marked* None

Sample Ore

Received April 8, 1974

Submitted by Ralph Griffen
P.O. Box 367
Inyokern, CA 93527

* * * * * *

GOLD & PLATINUM ASSAYS

Constituents		Parts per Million	Troy Oz per Ton
Gold, Au	--	3.16	.09
Platinum, Pt	--	under .01	under .0003

Respectfully submitted,
HORNKOHL LABORATORIES, INC.

for/ Lisa Stoner
Robert E. Whitlach,
Chief Chemist

dp

ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS. AUTHORIZATION FOR PUBLICATION OF OUR REPORTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING THEM IS RESERVED PENDING YOUR WRITTEN APPROVAL AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES.

LEWIS & WALKER
ASSAYERS - CHEMISTS
111 WEST ELEVENTH STREET
PHONE PRospect 0460
LOS ANGELES 15, CALIFORNIA

May 13,1950.

Ralph W. Griffen-
Box 296-
Myokern, Calif.

Certificate of Assays

Sample No.	Gold Oz. per ton	Gold -Value per ton @$35.00 Oz.	Silver Oz. per ton	Silver Value per ton @$.90 Oz.	Copper -Per cent
Chimney 1-	.02	$ .70	.40	$ .36	.40
" 2-	.08	2.80	1.00	.90	1.46

Cherge $ 5.00 Paid

Lewis and Walker
by _____
Edward Roach, Assayer.

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
Spokane, Wash., 99201

March 28, 1974

Mr. C. L. Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660

Re: OME application (Au, Ag, Cu, Pb, Zn)
Republic Mine
Fergus County, Montana

Dear Mr. Kuhnhausen:

I am fowarding your recent application for OME assistance to our office in Reston, Virginia. Undoubtedly you will soon receive a letter acknowledging their receipt of it.

The current situation with OME for granting new contracts is not encouraging. All of our funds for this year have been allotted to existing contracts and we do not expect that new funds will be authorized for contracts after July 1, 1974. Your application will be put on file, however, and if more funding is available we will further process it. At present we cannot plan to take any further action on your application.

Sincerely,

Willard F. Puffett
Field Officer, Region I

cc: OME
DRF
Puffett/at

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
Spokane, Wash., 99201

March 28, 1974

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: New application (Au, Ag, Cu, Pb, Zn)
C. L. Kuhnhausen
Republic Mine
Fergus County, Montana

Enclosed is a fairly complete application from Mr. C. L. Kuhnhausen for OME assistance to help him do some drilling on his Republic claim about 1½ miles north of Hanover, Montana.

There is a brief report on this property in the U. S. Bureau of Mines Information Circular 7544 to which reference is made in the application. Evidently there is some lead and zinc minerals present on the property but the potential for significant quantities of ore is meager.

The title to the property is not completely clear as the heirs to two of the deceased former owners have yet to complete the transfer of their partial ownership to Mr. Kuhnhausen.

The objectives of the proposed drill holes are not clearly indicated and the project's estimated costs could be better substantiated.

I see no reason to take further action on this application at this time.

Willard P. Puffett

Enclosure

cc: DRF

Puffett/at

Office of Minerals Exploration
Building 53 Room 28

June 21, 1974

Mr. C. L. Kuhnhausen
P. O. Box 278
Lewistown, Montana 59459

Re: OME-6904 (Au, Ag, Cu, Pb, Zn)
Republic Mine
Fergus County, Montana

Dear Mr. Kuhnhausen:

I mailed your application for OME assistance to our Reston, Virginia office on March 28, 1974, and it was assigned docket number 6904. We took no further action on your application because we do not have funds for new exploration projects.

Our OME office in Spokane has been closed and now all OME inquiries for the Region I area are forwarded to me here.

We will not plan to examine your property unless we can be assured that funds will be available for new projects. As of now we have no reason to believe they will be.

Sincerely,

Willard P. Puffett
Field Officer, Region I, OME

cc: Chief, OME
OME-6904
Mr. Puffett

Office of Minerals Exploration
Building 53 Room 28

June 21, 1974

Mr. C. L. Kuhnhausen
P. O. Box 278
Lewistown, Montana 59459

Re: OME-6904 (Au, Ag, Cu, Pb, Zn)
Republic Mine
Fergus County, Montana

Dear Mr. Kuhnhausen:

I mailed your application for OME assistance to our Reston, Virginia office on March 28, 1974, and it was assigned docket number 6904. We took no further action on your application because we do not have funds for new exploration projects.

Our OME office in Spokane has been closed and now all OME inquiries for the Region I area are forwarded to me here.

We will not plan to examine your property unless we can be assured that funds will be available for new projects. As of now we have no reason to believe they will be.

Sincerely,

Willard P. Puffett
Field Officer, Region I, OME

cc: Chief, OME
OME-6904
Mr. Puffett

OME Region IV
RECEIVED
JUN 21 1974
Denver, Colorado

P.O. Box #278
Lewistown, Montana 59457
June 18, 1974

U.S. Department of the Interior
Office of Minerals Exploration
Geological Survey
656 U.S. Court House
Spokane, Washington 99201

Gentlemen:

Thank you for Mr. Puffet's prompt letter of March 28 acknowledging receipt of my OME application. However, a notice of its arrival at the Reston, Virginia office is long overdue and I have been wondering if it would be advisable to contact them for verification.

I moved the drill rig over here from Vancouver, Washington the last week in May and will be located here on the mine site for the rest of the summer. It's necessary that the property be examined as soon as possible and I was wondering when someone from your office would be available to look at it and give me an opinion.

If any further action might be taken on my OME application, I will be using the above address for the rest of the summer at least.

In the meantime, I would much appreciate all help and advice that's available from your office, and hope to see one of your field representatives visit the Republic for a geological check as soon as is feasible.

Very truly yours,

C.L. Kuhnhausen
REPUBLIC MINE

CK/cm

MME Form 40
(Revised Nov. 71)

Form approved
Budget Bureau No. 42-R1368

RECEIVED
MAR 27
O. M. E.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85—701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

Clifford Leroy Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660

Tel 1-206-695-6733

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER

DATE RECEIVED

REGION

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL [X]
- CORPORATION [ ]
- PARTNERSHIP [ ]
- OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
Gold, Silver, Copper, Lead & Zinc

ESTIMATED COST OF PROJECT
$50,000.00 initially & up to $250,000.00.

PROPERTY NAME	LOCATION COUNTY	STATE
Republic Lode Mining Claim,	Fergus,	Montana

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. II). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Department of the Interior, U.S. Geological Survey, Office of Minerals Exploration, Washington, D. C., 20242, or with the nearest OME Field Office.*

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

March 21, 1974
DATED

C L Kuhnhausen
BY *(Signature)*

TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense.
U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

(submit on accompanying pages)

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include (1) *true copies of your letters to credit sources* which show date of loan request, amount and terms requested, and proposed use of loan funds and (2) *true copies of replies from credit sources.* If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements signed by owner on MME Form 52. If the agreements cannot be obtained, state reasons and whether you can furnish a performance bond.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) If you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates. State your reasons for expecting to find ore.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property state name, address, and telephone number of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show on maps also the relation of the proposed work to any existing mine workings and to *claim boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs for time and materials *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and price of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i. e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price and mobilization charge. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, and materials.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660
March 21, 1974

U.S. Department of the Interior
Geological Survey, Office of Minerals Exploration
Room, 656, West 920 Riverside Avenue
Spokane, Washington 99201

Gentlemen:

Consider this to be my application for a loan for exploration work on my Montana property known locally as the Republic Mine, County of Fergus, Lewistown, Montana. Enclosed are the two MME Form 40's plus two true copies of my letters to banks requesting loans, their replies, assays, descriptions, and other information as required on the back of Form MME 40, and in the same sequence which follows:

1. Financial Eligibility;
   (a) Enclosed; two true copies of my letters to banks (taken to them personally and forms of application were filled out for loans of $50,000.00 for exploration work on the above Montana property); two true copies of their written refusals on grounds of inadequate assets or collateral.
   (b) Does not apply.
   (c) My share of the cost will be supplied with approximately $10,000.00 worth of drill equipment that I own, plus $7,000.00 cash immediately on demand from a personal source, plus $3,000.00 more as I need it from the same source. Aside from that I have a regular monthly income to supply my personal needs.

2. Applicant's Rights in Land:
   (a) This is a patented mining apex claim owned by applicant with two other parties, now being in the process of a change- over to the full control of applicant.
   (b) Legal description of property from the Deed: "All interest in the Republic Lode Mining Claim, located in the South Moccasin Mining District, Unorganized, embracing a portion of Section 23, Township 16 North, Range 17 East, being Survey Number 9611, Patent recorded in Book 56 of Deeds at page 637, Clerk and Recorder's Office of Fergus County, Montana; Together with all of the rights, privileges and easements and the right to use the adjacent property for access to the same as stipulated in that certain contract with Robert G. Jackson, dated March 14, 1952, by reference made a part hereof."
   (c) Does not apply--no lien's or encumbrances--taxes are paid.

3. Physical Description:
   (a) Presently inactive, needs more drilling. From 1955 when we bought the property until 1968 when we became financially unable to continue drilling, we had drilled over 1,230 feet of short holes from 35' to 237' in depth. Our backhoe and dozer work amounted to approximately $900.00 in 1955, plus cleaning out two old shafts and one tunnel and mining out the ore chute from 40' to 72' —the hi-grade running from 38%-52% lead and zinc, 0.4 - 0.7 in copper, 3.2 oz.-5.0 oz. in silver, 0.04 oz.-0.14 oz. in gold(assay not available.). Two samples taken on the bottom at 72', trenched both ways in a cross of 10', assayed 19% & 21% lead and zinc, 3.6 oz. in silver, 0.04 oz. in gold, and 0.23 in copper(assay not available). There is about 30-35 tons of hi-grade ore on the dump and our waste dump was going about 11-13% lead and zinc, with a little silver, gold, and copper.

REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660
March 21, 1974

3. Physical Description, continued:
(a) There are no buildings or facilities on the property.
(b) From 1955 to 1968 all the work described in (a) was provided by the applicant. No work was done after 1968 due to lack of funds.
(c) Does not apply--material on the dump was never moved as the mill at Niehart that was to take it went broke.
(d) Cubic feet not blocked out, high potential showing.
(e) A geochemical analysis can be obtained on most any portion of the claim. In 1963 geophysical instruments indicated 5 big veins fanning out in different directions around the area of the two shafts and the dozer cuts, (map attached). Drilling in 3 of them we found they were mineralized and highly pyrited porphyry dikes underlying the shale from 15-60 feet. It appears to have an after-fault where the higher percentages of lead and zinc came in. The dikes appear to be coming from a small stock.

From the work I have done so far, the old description by Hamilton has to be incorrect (1957 letter from the Bureau of Mines attached). He described it as "a brecciated syenite porphyry chimney or pipe in thin bedded shales". In 1968 during my stay in the hospital, a Mr. Frank Beebe remained on the property with my son to continue the work during my absence. Attached is a letter he received at that time from the Bureau of Mines which corresponds more to my own findings on the physical description of the property..

(f) Sampling methods used were trenching, cores, drill cuttings, and grab samples out of hi-grade. Most of the assays reports were sent out to interested companies and were not returned. Double copies of remaining ones are attached.

This claim shows a high potential with a probability of three different types of ore-bodies; the fault and fissure zone, the limestone and dolomite contact zone, and a possible magmatic segregation. When I was employed with Anschutz drilling Co. as a sample washer about three sections westerly of the Republic, we drilled through over 3,000' of limestone and dolomite, leaving off at 3,800' in dolomite. I also found lead and zinc sulfides in dolomite in the brecciated area at the Republic in the dozer cuts. A porphyry magma coming up through these highly receptive carbonates indicates mineral replacement and deep ore bodies. And with the shale overlying the porphyry as it does indicates very little erosion of the ore-body has taken place. Our hi-grade lead and zinc ore was running 11%-13% lime.

(g) I am enclosing double copies of all pertinent information I have left. Please return what you don't need.

4. Accessibility of Property:
(a) Due to weather conditions and inadequate roads in the area of the Republic Mine, accessibility is usually limited to 4-wheel drives until May, although it is only a mile off a gravel road. Electric power lines are within ½ mile and the railroad runs through Hanover, which is about 1½ miles south of the Republic.

I expect to be moving the drill rig onto the property the latter part of May. Until that time, I can be reached at the above address, telephone # 1-206-695-6733. I will notify you when I leave here, and I could stop in at the Spokane office if necessary. Upon reaching Lewistown, Montana, any correspondence can reach me General Delivery

REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660
March 21,1974

4. Accessibility of Property, continued:
(a) at the Post Office there. Upon notification from you I can meet with one of your representatives any time after I get over there.

Your office no doubt has all the accessibility points on file as one of your geologists and an engineer were on the property in the spring of 1956 and mapped out the road and how to get there, plus the dozer cuts we had done, and the shafts we had cleaned out. I understood they were to give it a geological writeup, which I have never seen.

(b) The shipping point for the ore should be to the railroad at Hanover, Montana, which would be 1½ to 2 miles by road.

5. Exploration Work:
(a) I propose a drilling program in two and possibly three stages, (map attached for first stage). From the findings there it can be determined on how to continue.
(b) Does not apply as an access road is already there. It will have to be improved when ore is ready to be shipped.
(c) If an OME contract is executed, the exploration work can proceed as rapidly as is feasible. I expect to be able to do around 2,000' of drilling a month with the equipment I now have.

6. Experience:
I have enough experience and background to supervise the work in the initial stages. Besides being a prospector all of my life, I have studied extensively textbooks by such men as Bateman, Emmons, Harold Gage, who was also a personal friend, plus many more. I took a geology class at the local college, gained practical experience by working in mines for many years— Butte, Champion in Oregon where geology students took on-the-job training, the Nevada mines,—and have done core drilling on construction work on dams and in oil fields.

My oldest son, Wess, who is a licensed driller, and my son-in-law will help me to get going on the first stage of drilling; then we can see where to go from there depending on first-stage results.

7. Estimate of Costs:
(a) to)g)— Cost Estimate sheet attached.

If there is any other information that will need to be supplied, please notify me at the above address.

Sincerely yours,
C L Kuhnhausen
C. L. Kuhnhausen

CLK/ck
enclosures

(Copy w/ application)

2306 Markle Avenue
Vancouver, Washington 98660
March 7, 1974

The National Bank of Commerce of Seattle
Camas, Washington

Gentlemen;

I am applying for a loan from your bank in good faith on what I feel could be a potential profitable business venture.

As I have stated in the loan application, the loan would be used in developing a patented mining claim in the state of Montana. I have been working on this claim for a number of years, but until recently, with the price of minerals reaching an all time high, the claim has now become what I feel to be a real potential. I have had several assays taken during the years which have proven out my feelings towards the geology of the ore deposit.

The problem that exists now is to finish drilling out the ore deposit to find the known tonnage that is available; percentages of the ore; and then to begin extracting the ore.

Very truly yours,

C L Kuhnhausen

C.L. Kuhnhausen

REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Avenue

MME40—
#1 (a) - Letters to & from lending institutions.

(Copy)

National Bank of Commerce
Camas Office
528 Northeast 4th Avenue
P.O. Box 1010
Camas, Washington 98607
Phone (206) 834-4141

March 12, 1974

Mr. C. L. Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660

Dear Mr. Kuhnhausen:

Thank you for your loan application of $50,000 for the purpose of exploration work necessary to develop a potential mining venture.

Based on the information furnished on the business loan application and your financial statement, it would not be feasible for us to make this loan. It would apparently be almost entirely unsecured and without a definite repayment program.

We do appreciate your considering us in this application, and hope that we may be of assistance to you at a future date.

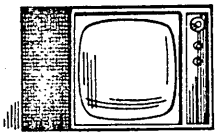
Sincerely,

Paul J. Ryser
Assistant Vice President
and Manager

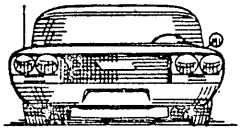
PJR:ar

(copy)

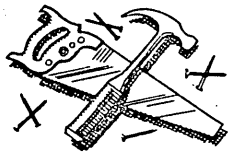
SEAFIRST
Installment Loans
for any
worthwhile purpose



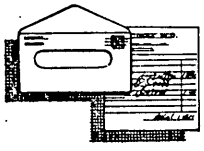
Home Appliances



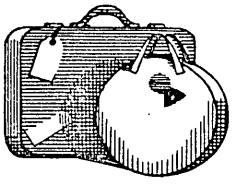
New or Used Car



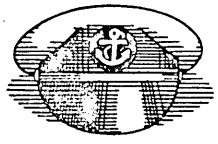
Home Improvement



Medical & Dental Bills



Vacation or Travel



A Boat

Or let us know
your needs

SEATTLE-FIRST NATIONAL BANK 1870

CLARK COUNTY BRANCH

SEATTLE-FIRST NATIONAL BANK

ESTABLISHED 1870

VANCOUVER, WASHINGTON 98660

January 16, 1967

Mr. Clifford L. Kuhnausen
2306 Markle Ave.
Vancouver, Wash. 98660

Dear Mr. Kuhnausen:

You have an excellent credit standing at Seattle-First National Bank. We have enjoyed doing business with you and we'd like to continue this fine relationship. Whenever you need extra cash, just let us know because your credit is firmly established at our bank.

Our loan services cover every worthwhile purpose and are available to you as a preferred customer. If, for example, you'd like to retire a number of outstanding bills, remodel or repair your home or finance an extra-special vacation - just remember, we're at your service.

To get things started, just fill in the enclosed abbreviated loan application form and mail it to us in the postage prepaid envelope. Or better yet, stop in and let's talk it over. You're more than welcome.

Sincerely yours,

SEATTLE-FIRST NATIONAL BANK

for Installment Credit Manager

Enclosure

(Copy)

2306 Markle Avenue
Vancouver, Washington 98660
March 7, 1974

Seattle-First National Bank
Clark County Branch
1103 Main Street
Vancouver, Washington 98660

Gentlemen:

I am applying for a loan from your bank in good faith on what I feel could be a potential profitable business venture.

As I will state in the loan application, the loan would be used in developing a patented mining claim in the State of Montana. I have been working on theis claim for a number of years, but until recently, with the price of minerals reaching an all time high, the claim has now become what I feel to be a real potential. I have had several assays taken during the years which have proven out my feelings towards the geology of the ore deposit.

The problem that exists now is to finish drilling out the ore deposit to find the known tonnage that is available; percentages of the ore; and then to begin extracting the ore.

Very truly yours,

C. L. Kuhnhausen

C.L. Kuhnhausen

SEATTLE-FIRST NATIONAL BANK CLARK COUNTY BRANCH

March 15, 1974

Mr. C. L. Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660

Dear Mr. Kuhnhausen,

We regret to inform you that you loan application of $50,000 for the purpose of exploration work necessary to develop your mining claim in Montana has been denied.

Our action results from information disclosed by you on your credit application.

Should you have any questions as to the above please contact me directly at 693-5891, ext. 35.

Sincerely,

Richard J. Bowman

Richard J. Bowman
Commercial Loan Department

RJB/gs

(Copy)

SEATTLE-FIRST NATIONAL BANK

Clark County BRANCH
1103 Main Street
Vancouver, WA. 98660
ADDRESS

3-12-74

Clifford L. Kuhnhausen
2306 Markle Ave.
Vancouver, WA. 98660

Dear Mr. Kuhnhausen:

Thank you for your recent request for a Firstbank credit service. Based on the available information your request for credit is:

☒ Not approved, for the reason noted below.

☐ Subject to an increased charge, for the reason noted below.

☒ Information disclosed by you in your application, including length of time at residence, length of time on job, income, or amount of present debt.

☐ Information concerning you which is contained in our files or obtained from previous transactions with you.

☐ Information obtained from a person other than a consumer credit reporting agency. Please be advised that you have the right to make a written request of us for the reasons for such adverse action. Upon receipt of such a request we will disclose the nature of the information. The request must be received within 60 days of the date of this letter for this information write to Seattle-First National Bank at the branch and address shown above.

☐ Information contained in a consumer credit report obtained from:

Please do not hesitate to call or write us if you have additional information regarding your application.

Sincerely,

Richard J. Bowman

Richard J. Bowman

FORM 4101 REV. 1/73

THIS NOTIFICATION IS REQUIRED BY THE FEDERAL FAIR CREDIT REPORTING ACT

REPUBLIC MINE
C.D. Kuhnhausen
2306 Markle Ave.
Vancouver, Wash. 98660

MME 40--
#2 (b) Legal description
of property from
Deed. (Copy).

Copy (#282)

FORM No. 38—DEED—BARGAIN AND SALE.

KNOW ALL MEN BY THESE PRESENTS, That HENRY ARTHUR BAUMAN, of 7300 N. E. 29th Avenue, Portland, Oregon,

in consideration of Twelve Hundred Fifty and No/100- - - - - - - - - - - *Dollars,* ($1250.00)

to him *paid by* KARL E.KUHNHAUSEN, CLIFFORD L. KUHNHAUSEN and PAUL A. BORDE, Portland, Oregon,

does hereby grant, bargain, sell and convey unto said KARL E. KUHNHAUSEN, CLIFFORD L. KUHNHAUSEN, and PAUL A. BORDE (each an undivided one-third interest)

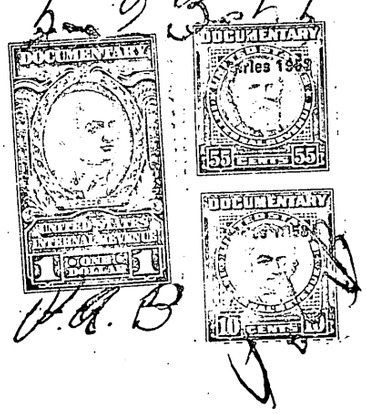
their *heirs and assigns, all the following real property, with the tenements, hereditaments and appurtenances, situated in the*

County of Fergus *and State of* Montana*, bounded and described as follows, to-wit:*

All interest in the Republic Lode Mining Claim, located in the South Moccasin Mining District, Unorganized, embracing a portion of Section 23, Township 16 North, Range 17 East, being Survey Number 9611, Patent recorded in Book 56 of Deeds at page 637, Clerk and Recorder's Office of Fergus County, Montana;

Together with all of the rights, privileges and easements and the right to use the adjacent property for access to the same as stipulated in that certain contract with Robert G. Jackson, dated March 14, 1952, by reference made a part hereof.

5.93-55



H.A.B

Other 2 parties are deceased — Heirs are in process of putting property in full control of applicant.

TO HAVE AND TO HOLD, the above described and granted premises unto the said KARL E. KUHNHAUSEN, CLIFFORD L. KUHNHAUSEN and PAUL A. BORDE,

heirs and assigns forever., and to each an undivided one-third interest and estate therein and thereto.

IN WITNESS WHEREOF, *the grantor* *above named* has *hereunto set* his *hand* *and seal* *this* 21st *day of* May, 19 55.

Henry Arthur Bauman (SEAL)

(SEAL)

(SEAL)

(SEAL)

Copy (#272)

STATE OF OREGON
County of MULTNOMAH } ss.

BE IT REMEMBERED, That on this 21st day of May, 1955, before me, the undersigned, a Notary Public in and for said County and State, personally appeared the within named HENRY ARTHUR BAUMAN, a single man, who is known to me to be the identical individual described in and who executed the within instrument and acknowledged to me that he executed the same freely and voluntarily.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the day and year last above written.

O. R. Larson
Notary Public for Oregon
My Commission Expires Feb. 5, 1956
Residing at Portland, in said Multnomah County, Oregon.

FILED
Indexed
Platted
Compared

DEED
Bargain and Sale
(FORM No. 38)

HENRY ARTHUR BAUMAN

TO

KARL E. KUHNHAUSEN et al

STATE OF MONTANA
County of FERGUS } ss.

I certify that the within instrument was received for record on the day of MAY 25 1955, 19..., at 9:00 o'clock A. M., and recorded in book 162 on page 15 Record of Deeds of said County.

Witness my hand and seal of County affixed.

County Clerk—Recorder.

By ..... Deputy.

STEVENS-NESS LAW PUB. CO., PORTLAND

When recorded, return to:
Karl E. Kuhnhausen
5100 N. E. Knauss Road
Vancouver, Washington

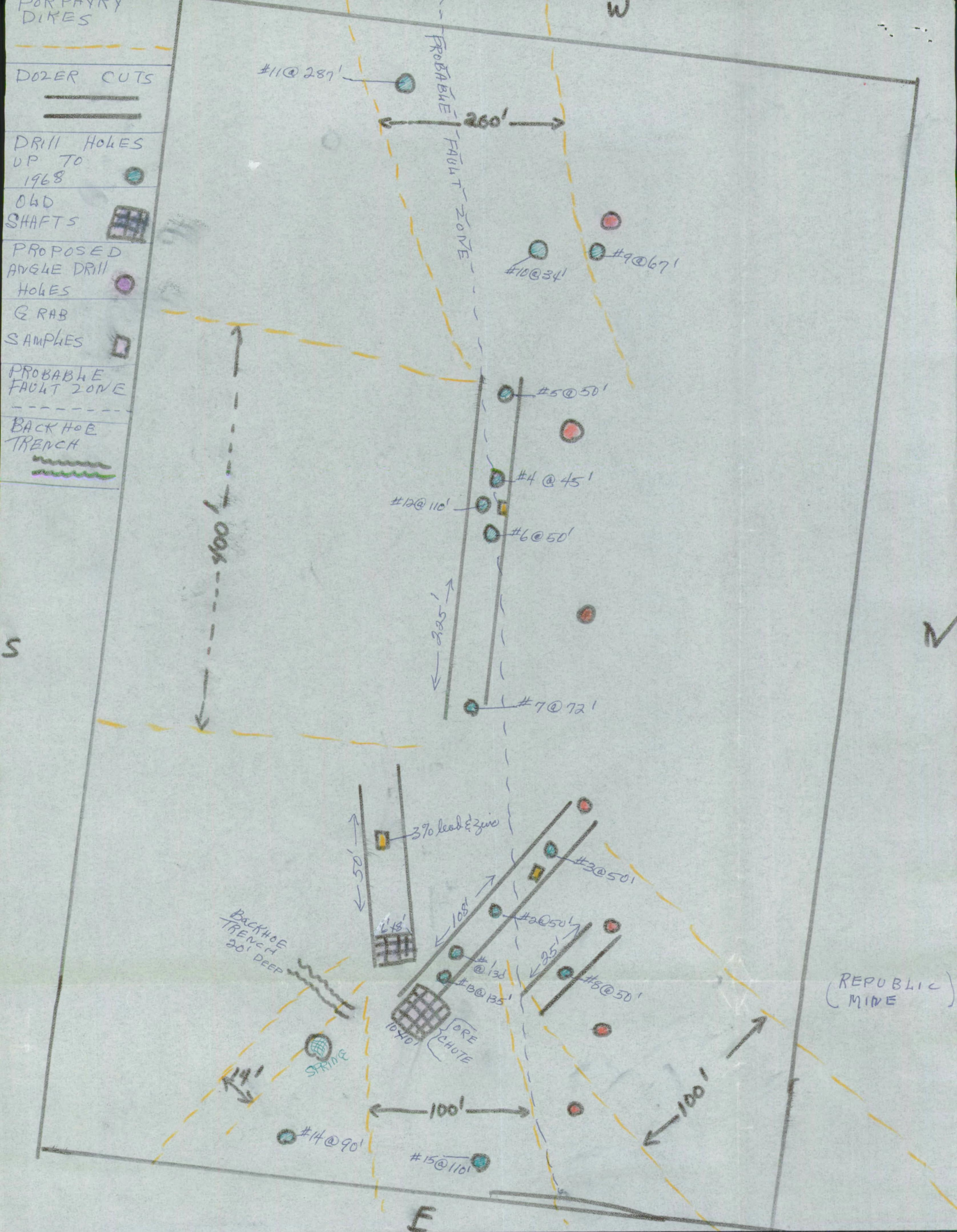
REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Avenue
Vancouver, Wash. 98660

MME 40— 3(a) work up to 1968
#3 (e)-Map of five veins.
#5 (a) Map for proposed drilling, with work up to 1968.
& Assay Chart.

NOTE:
NOT a Scale Map, rough sketch for work & general information.

REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Avenue
Vancouver, Washington 98660

MME 40
#3 (e) d(g)
1. Letter of 1957 - old description of property by Hamilton.
2. Letter of 1968 from Bureau of Mines.

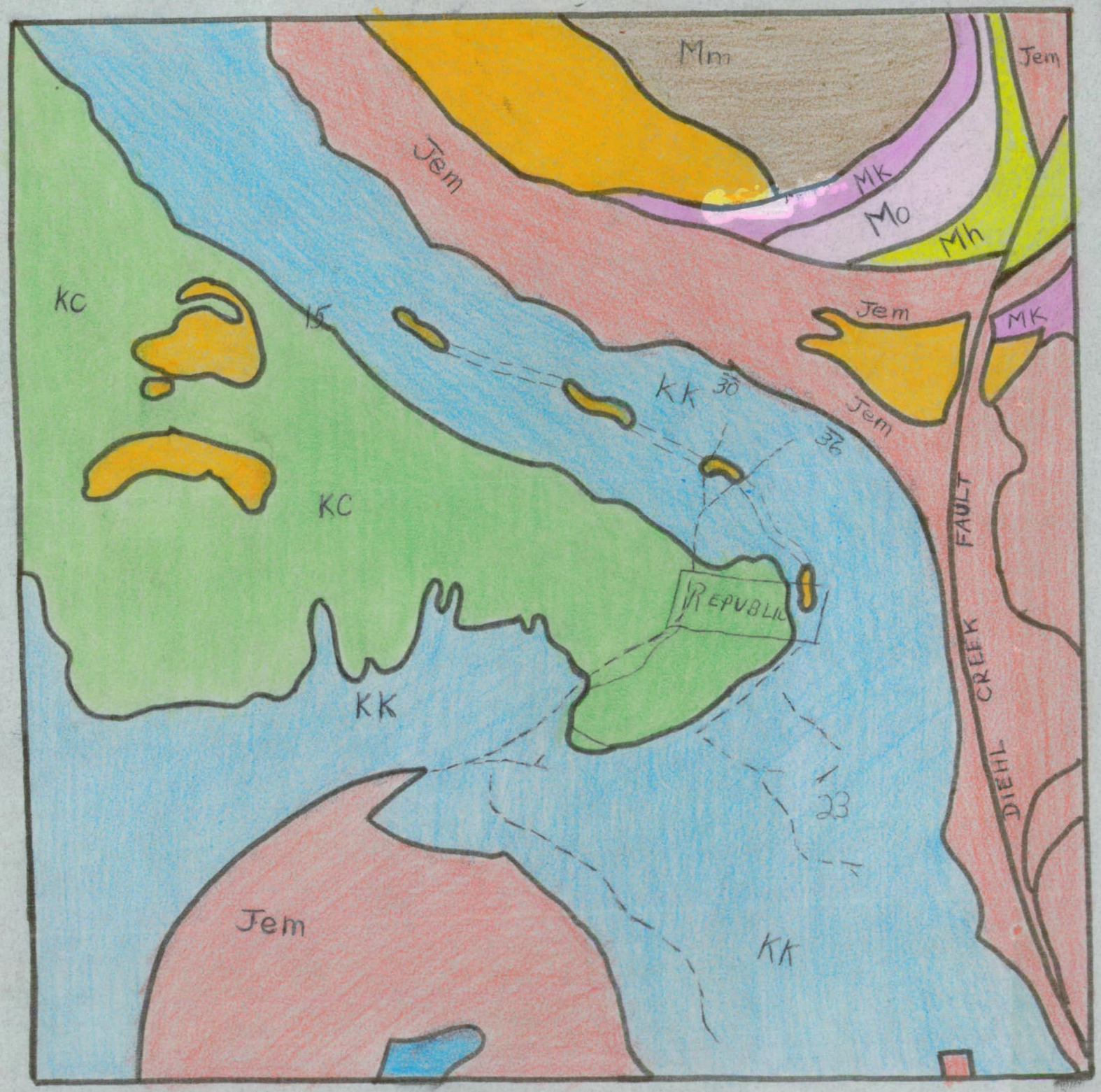

PORPHYRY DIKES
DOZER CUTS
DRILL HOLES UP TO 1968
OLD SHAFTS
PROPOSED ANGLE DRILL HOLES
GRAB SAMPLES
PROBABLE FAULT ZONE
BACK HOE TRENCH
W
S
E
N
PROBABLE FAULT ZONE
260'
#11@287'
#10@34'
#9@67'
#5@50'
#4@45'
#12@110'
#6@50'
#7@72'
100'
325'
3% lead & zinc
50'
#3@50'
#2@50'
108'
#1@130
#13@135'
25'
#8@50'
BACKHOE TRENCH 20' DEEP
SPRING
14'
10x40'
ORE CHUTE
100'
100'
#14@90'
#15@110'
(REPUBLIC MINE)

MME-40 #5(a)

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660

(Republic Mine)

Hole No.	Depth	Assay Chart	Copper	Gold OZ.	Lead	Silver OZ.	Zinc
#1	130'		Trace	Trace	0.31	0.04	0.65
#2	50'		0.10	0.02	3.80	2.30	8.20
#3	50'	Similar to #2 →					
#4	45'		Trace	0.01	2.80	0.90	5.20
#5	50'	In black porphyry (not assayed)					
#6	50'	" "					
#7	72'	" "					
#8	50'		Trace	0.03	1.40	0.90	2.80
#9	67'	In shale	Trace	Trace	0.27	Trace	0.63
#10	34'	In conglomerate	Trace	Trace	0.13	Trace	0.77
#11	287'	Shale for 63', then bit black porphyry { at 130'	0.10	0.002	0.00	0.05	0.07
		heavily pyrited black porphyry { at 287'	0.19	0.01	0.02	0.31	0.21
#12	110'	heavily pyrited black porphyry (not assayed)					
#13	135'	In black porphyry heavily pyrited " "					
#14	90'	" " " " " "	0.10	0.01	0.03	0.02	0.07
#15	110'	" " " " "	.15	Trace	0.03	0.05	0.09
Old Shaft	10X10	left ft at 72' deep. Hi-grade ore chute. 4 ft 2 samples - 19% and 21% Lead and Zinc.	0.25	0.04		3.60	
Backhoe Trench		20' long by 20' deep - Black porphyry dike pyrited and fine pink garnets.					
Grab Sample		50' dump cut 3% lead & zinc					



Mo

MK

Mm

Kc

KK

Tip
TSP

Jem

Mh

(REPUBLIC MINE

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660

MME 40 - #3(e)

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION I

SPOKANE FIELD OFFICE

1201 NORTH DIVISION STREET
SPOKANE 2, WASHINGTON

TE 83361

December 4, 1957

Mr. Karl E. Kuhnhausen
4906 N. E. 60th Street
Vancouver, Washington

Dear Mr. Kuhnhausen:

Your letter requesting information regarding the Republic Lode Mining Claim in Fergus County, Montana, was received today.

The following information regarding this property has been obtained from Bureau of Mines Information Circular 7544, Mines and Mineral Deposits (except fuels), Fergus County, Montana, by Almon F. Robertson, January 1950:

"The Republic mine, also known as the Hamilton Lead mine, is about 1½ miles northeast of Hanover, in the foothills on the south side of the South Moccasin Mountains. The claim was located in 1891. About 1902 the claim was acquired by R. S. Hamilton, Route 3, Lewistown, Montana, who patented it in 1907. No production data are available.

The ore body occurs as a brecciated syenite porphyry chimney or pipe in thin-bedded shales. The chimney is about 100 feet in diameter. The ore occurs mainly along the north side of the chimney in an ore short about 2 feet wide. The ore consists of galena, sphalerite, and some iron pyrite. Those minerals also occur as scattered masses and disseminations elsewhere in the chimney.

A discovery shaft was sunk on the 2-foot ore body to a depth of 45 feet. A 2-compartment shaft, about 40 feet south of the discovery shaft, was sunk to a depth of 100 feet. A crosscut at the 40-foot level connects the two shafts. Another crosscut was driven northerly on the 95-foot level but the main ore shoot was not reached.

Two cars of ore were shipped to a smelter but zinc penalties made these shipments unprofitable. Several samples sent to different

REPUBLIC MINE
MME 40 - #3(e)

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660

smelting companies are reported by Hamilton to have assayed 37.5 to 40.2 percent zinc, 10.0 to 21.0 percent lead, 3.9 to 5.7 ounces silver, about 0.01 ounce gold, 3 to 6 percent iron, and 0.20 to 0.27 percent copper, with traces of cadmium.

The brecciated material, other than in the main ore shoot, is reported to have assayed 0.5 to 1.5 percent zinc, 0.5 to 1.5 percent lead, $0.17 to $0.70 silver, about $1.00 in gold and 2 to 7 percent iron.

A Bureau of Mines sample of ore picked from the dump of the discovery shaft in 1948 assayed 23.8 percent zinc, 2.1 percent lead, 0.92 ounce silver, a trace of gold, and 0.9 percent copper. Two Bureau of Mines samples taken in 1942 of decomposed dump material at the main shaft assayed 0.1 percent lead, 0.55 percent zinc and 0.2 percent lead, 0.20 percent zinc respectively.

When visited in 1948, the shafts were caved or covered; the mine workings were inaccessible."

Most of the above information was obtained from Mr. R. S. Hamilton, who accompanied Mr. Robertson when he visited the property in 1948.

Sincerely yours,

Wing G. Agnew, Chief
Spokane Field Office, Region I

MME 40 - #3(e)

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660

MONTANA BUREAU OF MINES AND GEOLOGY

BUTTE, MONTANA 59701

August 6, 1968

Mr. Frank Beebe - REPUBLIC MINE
General Delivery
Lewistown, Montana 59457

Dear Mr. Beebe:

Thank you for your letter of July 26. I find that it will not be possible for us to make a return visit to your property during the month of August. We may be able to get back that way sometime in September, if we finish our field work in the western part of the State.

You have probably received Mr. Lawson's letter concerning the samples you left here. The pyrite may have been introduced into the porphyry as a result of hydrothermal activity. The apparent alteration of the feldspars in the porphyry also suggests hydrothermal activity.

Because the known mineralization on the claim apparently occurs at the lower contact of the porphyry, this appears to be the best drilling target. If your efforts to intersect this contact with a hole at right angles to the projected dip are unsuccessful, the porphyry body may prove to be a dike rather than a sill, and the contact may dip much steeper or be vertical.

If you think you will still be drilling in September, please let me know, and perhaps we can arrange another visit then.

Sincerely yours,

Kenneth T. Bondurant
Assistant Geologist

THE BUREAU OF MINES AND GEOLOGY WAS ESTABLISHED BY LAW IN 1919 TO PROMOTE EFFICIENT DEVELOPMENT OF MONTANA'S MINERAL RESOURCES BY GATHERING AND PUBLISHING INFORMATION ON THE GEOLOGY, TOPOGRAPHY, AND MINERAL DEPOSITS OF THE STATE, INCLUDING METALS, NON-METALS, COAL, OIL, GAS, AND UNDERGROUND WATER SUPPLY.

REPUBLIC MINE
MME 40 - #3(e) &(g)

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660

MONTANA BUREAU OF MINES AND GEOLOGY

BUTTE, MONTANA 59701

August 29, 1968

Mr. C. L. Kuhnhausen
2306 Markle Street
Vancouver, Washington 98660

Dear Mr. Kuhnhausen:

I have Mr. Beebe's letter of August 24 requesting information on persons or companies that might be interested in buying or leasing your property in Fergus County. There are a number of companies interested in potential exploration projects in Montana. Most of the large companies are interested in large, low-grade deposits mineable by open-pit methods.

The following are some of the companies active in Montana. I suggest that you write them giving the history of the property, details of your exploratory work, such as your drilling footage and assay results, and any other information you think would encourage them to inspect the property.

John W. Trammell
Senior Exploration Geologist
Copper Range Exploration Co.
4401 Wallingford Ave. North
Seattle, Washington 98103

Joseph E. Worthington
Regional Manager, Exploration
Cyprus Mines Corporation
422 Riverside Avenue
Spokane, Washington 99208

David M. Snyder
Exploration District Manager
Bear Creek Mining Company
East 7821 Sprague
Spokane, Washington 99213

Jon A. Sonju
802 Kern
Missoula, Montana 59801

Walter E. Bauer, Geologist
American Exploration & Mining Co.
3115 Ottawa
Butte, Montana 59701

William C. Cameron
District Geologist
Hanna Mining Company
P. O. Box 278
Missoula, Montana 59801

Keith Whiting, Supervisor
Northwest Exploration District
ASARCO
Room 1401
West 422 Riverside
Spokane, Washington 99201

THE BUREAU OF MINES AND GEOLOGY WAS ESTABLISHED BY LAW IN 1919 TO PROMOTE EFFICIENT DEVELOPMENT OF MONTANA'S MINERAL RESOURCES BY GATHERING AND PUBLISHING INFORMATION ON THE GEOLOGY, TOPOGRAPHY, AND MINERAL DEPOSITS OF THE STATE, INCLUDING METALS, NON-METALS, COAL, OIL, GAS, AND UNDERGROUND WATER SUPPLY.

REPUBLIC MINE
MME 40 - #3(e)(g)

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660

I am looking forward to visiting your property again next summer if you return. Please do not hesitate to write if we can be of any further assistance.

Sincerely yours,

Kenneth T. Bondurant

Kenneth T. Bondurant
Assistant Geologist

P. 2

REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Avenue
Vancouver, Wash. 98660

MME 40—
#3 (f)— Assay copies.

THE BUNKER HILL COMPANY

KELLOGG, IDAHO

TO: Mr. T. Klobusicky Plant DATE: April 17,1957

Clifford Kuhnhausen

GENTLEMEN: Below please find our results on the following controls.

OUR LOT	SMELTER LOT	LEAD %	SILVER OZ.	ZINC %	COPPER %	IRON %	MANG. %	INSOL %	GOLD OZ
Lewistown	Barite Property		%	%	%				
			Barium	Sulphur	SiO_2				
BI-E-113			49.58	12.04	7.36	1.0	0	92.53	
			$BaSO_4$						
			84.24						

THE BUNKER HILL COMPANY

Per I.H.Laskey

Mine Assay Office

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

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

THE COLORADO ASSAYING COMPANY, INC.

(INCORPORATED)

ASSAYERS AND CHEMISTS

2013 WELTON STREET

DENVER 1, COLORADO Jan. 13, 1956.

REPORT ON DETERMINATIONS MADE FOR— Mr. Karl E. Kuhnhausen,
Vancouver, Washington.

SAMPLE MARKS	METALS	Amount per Ton Ozs.	Amount per Ton Hds.	PER CENT	Value per Ton Dollars	Value per Ton Cents
#1	Gold		.01			.35
	Silver		.80			.72
	Lead			1.9%	5	.70
	Zinc			1.7%	1	.70
#2- Ore Body below Water Table	Zinc			23.9%	23	.90

GOLD AT $35.00 PER OUNCE SILVER AT 90¢ PER OUNCE
LEAD AT $3.00 PER UNIT COPPER AT _____ PER UNIT

THE COLORADO ASSAYING COMPANY

By Ed. Phillips

THE BUNKER HILL COMPANY

KELLOGG, IDAHO

TO: Mr. T.Klobusicky Plant DATE: April 19,1957

Clifford Kuhnhausen

GENTLEMEN: Below please find our results on the following controls.

OUR LOT	SMELTER LOT	LEAD %	SILVER OZ.	ZINC %	COPPER %	IRON %	MANG. %	INSOL %	GOLD OZ
~~BH-S-114~~		~~0.35~~	~~0.04~~		~~Dorrah~~	~~Sample~~			0
BH-S-115		2.90	1.30	2.4	Kuhnhausen cut				

THE BUNKER HILL COMPANY

Per I.H.Laskey

Mine Assay Office

C-1

MINE Republic

SHIPPING POINT Hanover, Mont.

SHIPPER C. L. Kukukasen

ADDRESS Lewistown, Mont.

ASSAY CERTIFICATE

AMERICAN SMELTING & REFINING CO.

EAST HELENA PLANT

JUL 25 1956 195..

R NO.	OUR LOT	SHIPPERS LOT	GROSS WEIGHT POUNDS	GOLD OZS. PER TON	SILVER OZS. PER TON	LEAD PER CENT	COPPER PER CENT	INS'LBLE PER CENT	IRON PER CENT	MAG'NSE PER CENT	ZINC PER CENT	ARSENIC PER CENT	ANTIMONY PER CENT	BISMUTH PER CENT
	7777-1			0.01	5.0	12.8	0.50				31.6			
	-2			Trace	0.5	0	0.05				3.4			
	-3			Trace	0.6	0	0.05				1.0			

UE PER TON

ARKS:

SAMPLED BY

ERICAN SMELTING & REFINING CO.

EAST HELENA PLANT

CHIEF CHEMIST

THURBER'S

Reminder

THE BUNKER HILL COMPANY

CONCENTRATOR ASSAY OFFICE

Kellogg, Idaho July 29,1959

Mr. V. Hammerand

Gentlemen: Below, please find our results on the following samples.

	Lead %	Silver oz.	Zinc %	Copper %	Iron %	Mang. %	Insol. %	Gold oz.
Kunhausen 7/28								
BH-E-277 Hole # 8	1.04	0.8	2.0					0.01
BH-E-278 Hole # 5 & #2	2.19	1.2	3.4					0.01
BH-E-279 Hole # 2	?	?	?					?

THE BUNKER HILL COMPANY

I.H.Laskey

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date AUG 19 1955

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: [illegible] Co. [illegible] Co. | MARKS: [illegible]

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
	Gold in Mine	0.06	[illegible]	14.0	0.1	17.9				[illegible]
	Values limited to only [illegible] and [illegible] & [illegible]									

Gold not deducted: $.....

Charges $.....

GOODALL BROS.

By .....

NPCo. C-3217

BUNKER HILL SMELTER

Assay Office

KELLOGG, IDAHO, March 5, 1957

Karl E. Kuhnhausen
5100 N.E. Krauss Rd.
Vancouver, Wash.

LOT	MARK.	MOISTURE PER CENT	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER WET PER CENT	LEAD WET PER CENT	IRON PERCENT	MANG'ESE PERCENT	INSOL. PER CENT	ALUMINA PERCENT	LIME PERCENT	SULPHUR PERCENT	ZINC PERCENT	ANTIMONY PERCENT	ARSENIC PERCENT	BISMUTH PERCENT	PER CENT
	Hand Sample																
	Crude		.005	3.0	tr.	13.7	3.0		4.8		11.4	21.6	34.2	.05	.06	tr.	

WDER MULTILITH PRINT 5M FORM 9-38

BY L. W. Burgess CHIEF CHE

BUNKER HILL SMELTER

Assay Office

KELLOGG, IDAHO, March 5, 1957

C. L. Kuhnhausen
123 N. Washington
Lewiston, Montana

LOT	MARK Hand Sample	MOISTURE PER CENT	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER WET PER CENT	LEAD WET PER CENT	IRON PERCENT	MANG'ESE PERCENT	INSOL. PER CENT	ALUMINA PERCENT	LIME PERCENT	SULPHUR PERCENT	ZINC PERCENT	ANTIMONY PERCENT	ARSENIC PERCENT	BISMUTH PERCENT	PER CENT
1	Crude		.005	3.6	tr.	13.9	3.9		2.6		11.0	23.4	35.4	.05	.06	tr.	
2	"		.005	1.6	tr.	3.5	7.2		51.4		7.4	7.5	4.5	.02	.06	tr.	

REMINDER MULTILITH PRINT SM FORM 8-38

BY L. W. Burgess CHIEF CHEMIST

FORM PO 8001

ASSAY REPORT

PITTSBURGH TESTING LABORATORY

ASSAYERS AND METALLURGICAL ENGINEERS

2419 S.E. Powell Blvd.
PORTLAND 2, OREGON

Gold, @ $35.00 *per oz.*

Silver, @ *per oz.*

Sample Mineral

Received November 5, 1956

Submitted by Paul Borde
9945 N. E. Sandy
Portland 20, Oregon

Date November 7, 1956

NUMBER	MARK	PER TON OF 2000 LBS. GOLD OUNCES	GOLD VALUE	SILVER OUNCES	SILVER VALUE	COPPER PER CENT	LEAD PER CENT	ZINC PER CENT	
01221	Mineral Specimen:	Sample #1		2.36	$2.12	---	3.6%	----	SK
		Sample #5		1.40	$1.26	---	2.9%	----	LK.

Assays on Reputed —

Respectfully submitted,

PITTSBURGH TESTING LABORATORY
Portland District

M. L. Playfair, Laboratory Mgr.

REPUBLIC MINE
C.L. Kuhnhausen
2306 Markle Ave.
Vancouver, Wash. 98660

MME 40—#7 (a) to (g) inclusive.
Cost Estimate sheet for
initial drilling exploration
on a base of first 30 days,
with necessary revision as
work progresses.

Please advise as to supervision & labor
as furnished by applicant.
CK

MME Form 40. #7 - Items (a) to (g).	(C. L. Kuhnhausen - Republic mine) Cost Estimate (for approx. 30 days)	Furnished By Applicant	Other Estimates
Cash on Hand	(Plus 3,000.00 more as needed)	$ 7,000.00	
(a). Independent Contracts	Not expected in first stage.		
(b) Personal Services			
Assaying	Will send out to nearest source @ approx 1.00 per foot		$ 2,000.00
Labor	Applicants son (licensed driller) & son-in-law		
Drill Cost	@ 8.00 per foot. approx 2,000' per 30 days		16,000.00
Supervision	By applicant during first stages.		
Geology	By applicant first stages w/aid of State geologist		
(c) Operating Materials & Supplies			
Fuel (gas & oil)	approx. 15.00 per day		450.00
Water	No initial cost - water on the property		0.00
Power	No electric lines in		0.00
Misc. tools	Under 50.00 each.	300.00	
Ore Sample bags	5.00 per mo.		50.00
Office Supplies	Ledgers, log sheets, stamps & mailing, etc.		50.00
(d) Operating Equipment			
Drill - Hydraulic core-angle	Mounted on 4x4 truck w/winch & tools. good working condition	7,000.00	
Steel & Bits	550' EW steel, 3 EW core barrels - 1 BX - 10' core lard & 4 diamond bits w/reamers. Good	2,000.00	
Water Pump	& water lines (gas powered) good working condition	200.00	
(e) Initial Rehabilitation & Repairs (Moveable equipment)			
Truck & Drill	Possible breakdowns (Repair or replacement of parts)		
Bits & Reamers	Replacement of worn or lost bits & reamers		
Drill Steel	" " " " " steel		
~~Casing~~			
Casings	Purchase & Replacement of same @ 2.50-3.00 per foot		~~400.00~~
Water Pump & Hoses	Possible repair or replacement of worn or broken parts.		
	Estimated possible on all moveable equipment above.		3,000.00
(f) New Buildings & Fixtures	Will not apply first stage. Will live & work out of camper, tents & trailer furnished by applicant.	3,500.00	
(g) Miscellaneous			
Payroll			
Employees Lib. Ins.	Will institute this category after 1st stage		
Workmen's Comp.	when a regular payroll is established.		
Accounting	Monthly CPA Services		100.00
Shipment of Assays	Either by mail - UPS - or Company transport		150.00
Small tools (Under 50.00 ea)	Replacement of broken or damaged small tools such as shovels, wrenches, etc.		400.00
Moving	Cost of moving equipment from Washington to Montana	500.00	
		20,600.00	21,840.00

REPUBLIC MINE
MME 40 - #7 (a) to (g)

C L KUHNHAUSEN
2306 MARKLE AV
VANCOUVER WASH 98660