DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1728X

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This document has been recorded as

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

Routing Slip

To: Coord Committee	Date	JUL 27 1951
To: Reports & Records	Date	8/2/51
To:	Date	
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DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1728-X

To: Reports and Records Branch H. Frank Neiman
LEAD ZINC BRANCH

From: _____

Date: JUL 6 1951

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

Forwarded to _____

Type of request changed to:

_____

Denied ☐ Withdrawn ☐

Approved in amount of $ _____

Other action, specify:

On hand

Memorandum to: Don Moulds.
From: H.E. Olund.

Subject: Queen of Sheba Mine. Docket No. D.M.E.A.-1728.

This mine ~~the~~ has been denied the exploration loan it applied for by the field team because there is no evidence of a continuous ore body running more than 5% Pb. Two operators have failed to develope sufficient, or high enough grade, ore, after spending about $400,000 in development work, and there is no evidence that the additional program asked for by the applicant will develope any ore of greater value than what has been mined in the past.

Mr. Neiman requests that we send two other men to sample the deposit as he feels the men we sent the first time did not sample the deposit properly. I am of the opinion that these two men have evaluated the ore properly and correctly and that their feelings about the property would only be corroberated by another examination. Therefore, I would notify the applicant that the denial of his application still stands and that we do not feel that an examination by other engineers would change our decision in any way.

FILE COPY
SURNAME:

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

FEB 5 1952

Mr. I. Neiman
211½ South Arnaz Drive
Beverly Hills, California

Re: Docket No. DMA 1728
Queen of Sheba Mine

Dear Mr. Neiman:

With reference to your letter of January 29, 1952 concerning exploration of the Queen of Sheba Mine.

Review of your project indicates that the extensive exploration previously accomplished on the property did not result in a significant production of strategic metal or mineral and the proposed work, in our opinion, will not materially add to the information presently available.

The examination of the Field Team has resulted in a very careful evaluation of this property in addition to the sampling, and we do not believe that additional examining or sampling would change the exploration evaluation of the project. Your request for additional sampling is accordingly denied.

The Defense Minerals Exploration Administration is concerned with the exploration phase of the Defense Act of 1950 and thus cannot enter into any direct loans for development or production as this is a function of the Defense Materials Procurement Agency. Any correspondence relative to production, as mentioned in our previous letter of December 20, 1951, should be taken up directly with that administration.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

DEMoulds/meh
2/5/52
cc to: Adm. R. File
Docket File Copy
Mr. Moulds
Mr. Bishop
Mr. McKnight
Region III

I. Neiman
211½ S. Arnaz Dr.
Beverly Hills, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1952

January 29, 1952

U.S. Department of the Interior
Defense Minerals Administration
Washington 25, D.C.

Re: Docket No. DMA 1728
Queen of Sheba Mine

Dear Mr. Mithendorf:

Answering yours of December 20th my son Frank has kept your letter and all information about the Mine for my arrival. And I believe you will agree with me that this case should be reopened for reasons that follow.

Your examining team took a sample of one side from the crosscut approximately one hundred feet; and at least twenty feet from the face was nothing but dirt, which they shouldn't have taken. Inorder to give you a good picture of the mine the sample should have been taken all the way around crosscuts two and three and starting at least a few feet away from the face. From crosscut No. 2 to No. 3 is seventeen feet, and the mineralization starts from about twenty feet below crosscut No.2 and goes all the way to the top of the mountain. And it is at least the width and depth of that claim; so there is quite a body of ore there. Not even counting the Carbonate Mine or Lead Pipe there is sufficient ore on the Queen of Sheba for a good many years operation of a three hundred ton mill.

This claim and the ore body is very suitable for an open-pit operation at a very low cost. Also we have the camp already set up for thirty men, good kitchen and showers, and most of the machinery and equipment. And a good well with abundance of water.

I certainly think the property merits at least another examination, and I will appreciate if you send down two other men to make the proper sampling. Same will be greatly appreciated by us.

Very truly yours,

I Neiman

I. Neiman

FILE COPY
SURNAME:

Moulds

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

DEC 20 1951

Mr. H. Frank Neiman
211 S. Arnaz Drive
Beverly Hills, California

Re: Docket No. DMA 1728
Queen of Sheba Mine

Dear Mr. Neiman:

With reference to your letter of November 19th, concerning the subject mine, and requesting the analysis of the 120-foot sample cut by the examining team from the face to the portal of the crosscut No. 2. We are not at liberty to furnish this information, however the results would probably justify further sampling.

We suggest that you contact a consulting engineer to evaluate your property in regard to possible open pit operation. The many factors involved in this evaluation could only be done by experienced study of local conditions and present methods and equipment.

The Defense Materials Procurement Agency, General Services Administration, Washington 25, D. C., is now handling production loans such as you mention and if you are further interested in a direct loan, we suggest you correspond directly with the agency, but do not refer to docket 1728 which concerns only the exploration assistance.

We are returning herewith the three letters from American Smelting and Refining Company referring to the subject mine.

Sincerely yours,

C. O. Mittendorf

S. N. 12-20

Acting Administrator,
Defense Minerals Exploration
Administration.

Enclosures - 3
DEMoulds/hmj
12-18-51

cc to: Adm Reading File
Mr. Mittendorf
Mr. Bishop
Region III
Mails and Files
Mr. Moulds
Mr. McKnight
Docket

SA.

MF-200

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 12-6-51

REFERRED TO:

1. Mr. Moulds-Rm. 4070
2.
3.
4.

FOR:

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

REMARKS: ----------

Check (X) before the items needing attention.

Initials of sender.

GPO 16—63815-1

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
NOV 21 8 48 AM '51

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 6 1951
Defense Minerals Administration,
Production Expansion Division.

H. Frank Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

November 19, 1951

Mr. Tom Lyon, Director
Supply Division
United States Department of the Interior
Defense Minerals Administration
Washington 25, D.C.

RECEIVED
NOV 22 1951

Re: Docket DMA-1728

Dear Mr. Lyon:

We will appreciate very much if you will write us the contents of the base metal in our mine from the assays of the samples that your Geologists took.

We will also appreciate your advising us what the content should be for an open pit operation to be profitable as we are trying to get in private capital to reopen that mine at the earliest possible moment. The richer ore zone is in the area nearer the top of the mountain than that area from which the sample was taken.

Also I wonder whether we could apply to the RFC or some other Government agency for a loan, on a repayment plan or someother plan.

We are very confident that this is a rich mine. One of the reasons is that the Carbonate Mine, which is not as rich as the Queen of Sheba or the Lead Pipe Mine, yielded at low prices about $400,000.00 in lead years ago. Then Mr. Madison, an old miner, took out with a pick and shovel for many years lead from the Queen of Sheba providing him with a good living and luxuries. In fact he is 71 or 72, and he is a watchman of the place; and he was making some extra money by shipping in ore that he dug out in his spare time.

The New Sutherland Divide has put in $280.000.00 in machinery and equipment, and the only reason they were not operating is because they were stock promoters, not miners. An auction was held for tax purposes; and we feel that this mine is as good or better than the one in Tocopah. And that is the reason we are willing to wager every cent we have for reopening same.

Your guidance will be appreciated.

Very truly yours,

H. Frank Neiman

H. Frank Neiman

Please return these papers for our records as your convenience.

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

NOV 6 1951

Memorandum

Re: Docket DMA-1728
H. Frank Neiman and
I. Neiman
Beverly Hills, Calif.
Queen of Sheba mine and
Lead Pipe prospect
Inyo County, California
Exploration loan, $65,000
Lead

To: Reports and Records Unit
Administrative Management Div.

From: Lead-Zinc Branch

Subject: Recommendation for denial of exploration loan

The properties involved have been examined and reported on by the field team.

The country rock is dolomite which strikes N 30° W and dips about 35° NE. The dolomite has been replaced along its bedding planes by the ore minerals.

At the Queen of Sheba mine tunnels and crosscuts have been driven into a hill, whose slope closely parallels the attitude of the dolomite and also of the mineralized zone, and the ore was formerly selectively mined from inclined stopes. The applicant proposed to extend the drifts southeast from crosscut No. 2 of the Queen of Sheba mine to further explore the mineralized zone. The Lead Pipe prospect was to be explored by deepening the present 35 ft. shaft to 100 ft. and then driving a drift 100 ft. north and south from the bottom of the shaft. Total estimated cost of the project was $65,000.

The field team estimates that the Queen of Sheba mine contains 225,000 tons of inferred ore having an average grade of 4.8% Pb, 0.03% Cu, 0.5% Zn, 0.01 oz. Au, and 2.32 oz. Ag per ton. The grade is based on a continuous 120 ft. sample which was taken by the field team from the face of crosscut No. 3 to the portal.

The accessible workings of the Lead Pipe prospect contained some mineralization, but there was little indication of the presence of minable ore reserves.

According to the applicant the ore would have to average 10% Pb to be economically mined. The average grade of the deposit as determined by the field team is considerably less than this and it is doubtful whether a grade of 10% Pb could be attained even by selective mining.

Because of the low grade of the deposit, the field team recommends that the application be denied. The Lead-Zinc Branch concurs with this recommendation.

Attached hereto are:

Form MF-103 with supporting data and maps
Form MF-100
Review of application for exploration assistance
Field team report with transmittal memorandum, maps, and photographs.
Attached, but to be returned to applicant is Carbonate mine map.

G. E. Johnson

G. E. Johnson, Acting Chief,
Lead-Zinc Branch

Approved:

Tom Lyon

Director, Supply Division

FILE COPY
SURNAME:

350

Lyons (ETW)
McKnight
Bishop
Johnson

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

G & C NOV 6 1951

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Lead-Zinc Branch

Subject: Recommendation for denial of exploration loan

Re: Docket DMA-1728
H. Frank Neiman and
I. Neiman
Beverly Hills, Calif.
Queen of Sheba mine and
Lead Pipe prospect
Inyo County, California
Exploration loan, $65,000
Lead

The properties involved have been examined and reported on by the field team.

The country rock is dolomite which strikes N 30° W and dips about 35° NE. The dolomite has been replaced along its bedding planes by the ore minerals.

At the Queen of Sheba mine tunnels and crosscuts have been driven into a hill, whose slope closely parallels the attitude of the dolomite and also of the mineralized zone, and the ore was formerly selectively mined from inclined stopes. The applicant proposed to extend the drifts southeast from crosscut No. 2 of the Queen of Sheba mine to further explore the mineralized zone. The Lead Pipe prospect was to be explored by deepening the present 35 ft. shaft to 100 ft. and then driving a drift 100 ft. north and south from the bottom of the shaft. Total estimated cost of the project was $65,000.

The field team estimates that the Queen of Sheba mine contains 225,000 tons of inferred ore having an average grade of 4.8% Pb, 0.03% Cu, 0.5% Zn, 0.01 oz. Au, and 2.32 oz. Ag per ton. The grade is based on a continuous 120 ft. sample which was taken by the field team from the face of crosscut No. 3 to the portal.

The accessible workings of the Lead Pipe prospect contained some mineralization, but there was little indication of the presence of minable ore reserves.

According to the applicant the ore would have to average 10% Pb to be economically mined. The average grade of the deposit as determined by the field team is considerably less than this and it is doubtful whether a grade of 10% Pb could be attained even by selective mining.

Because of the low grade of the deposit, the field team recommends that the application be denied. The Lead-Zinc Branch concurs with this recommendation.

Attached hereto are:

Form IT-103 with supporting data and maps
Form IT-100
Review of application for exploration assistance
Field team report with transmittal memorandum, maps, and photographs.
Attached, but to be returned to applicant is Carbonate mine map.

G. E. Johnson, Acting Chief,
Lead-Zinc Branch

Approved:

Tom Lyon

Director, Supply Division

EJLyons:emp
G 10-31-51
Copies to: H. C. Miller Region III (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. files
DMA docket files

FILE COPY
SURNAME:
350

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

Lyons (EJL)
McKnight
Keagy
Gilmore

NOV 6 1951

Re: Docket DMA-172B

not stripped in RPR.

A. & C.

Messrs. H. Frank Neiman and I. Neiman
211 S. Arnaz Drive
Beverly Hills, California

Gentlemen:

We have received the report of the field team on the Queen of Sheba mine and Lead Pipe prospect, Inyo County, California.

Review of this report indicates that the deposits you wish to explore are of too low a grade in their base metal content to warrant Government participation in the project and we are unable to justify an expenditure of public funds for the work you propose. I regret, therefore, that your application must be denied.

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

We are returning the Carbonate mine map as you requested.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

EJLyons:emp
G 10-31-51
Copies to: H. C. Miller Region III (2)
Lead-Zinc Br.
E. T. McKnight 4204 GSA
O. M. Bishop
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. files
DMA docket files

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON D.C.

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

OCT 26 1951

Office of
Executive Officer
DMA Field Team
Region III

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

October 22, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-1728 (Lead-Zinc) - H. Frank Neiman and I. Neiman, 211 South Arnaz Drive, Beverly Hills, California. Queen of Sheba Mine, Inyo County, Calif.

Reference is made to your subject "Review of Application for Exploration Assistance", dated August 2.

Attached are four copies of a report, "DMA-1728, Queen of Sheba Mine, Inyo County, California", by William P. Irwin and Charles D. Rinehart, Geologists, U. S. Geological Survey, dated October 17, 1951.

The Queen of Sheba deposit contains a considerable inferred tonnage of marginal to sub-marginal ore, with the possibility of developing an even greater tonnage by further exploration along the strike of the deposit. The nearly dip-slope nature of the deposit is one ideally suited to a low cost open-cut operation. Owing to the rather remote location, the ore would have to be milled at the mine, and the operation costs would be high.

According to the applicant, the ore would have to average about 10 percent lead to be economic. As there is no reason to believe that the average grade of the replacement zone is higher than indicated by the 120-foot sample, it appears doubtful that a grade of 10 percent lead could be maintained even by selective mining. Considerable handsorting would be required.

Region III Field Team agrees with the examining geologists that the proposed loan should not be granted, as the

OCT 26 1951

ore is too low in grade to be mined profitably under present economic conditions.

The docket is being returned herewith.

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

Attachment

Copy to E. H. Bailey, USGS

ADMINISTRATION
WASHINGTON, D. C.
OCT 26 1 26 PM '51

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF FIELD EXAMINATION BY FIELD TEAM REGION III

DMA-1728, Queen of Sheba
Inyo County, California

(Lead-Zinc)

William P. Irwin, Geologist
Charles D. Rinehart, Geologist
U. S. Geological Survey

October 17, 1951

Summary

The Queen of Sheba Mine opens a replacement deposit in dolomite that contains lead, zinc and silver. The deposit contains 225,000 tons of inferred ore with an approximate average grade of 4.8% Pb, 0.03% Cu, 0.5% Zn, 0.01% oz. Au per ton, and 2.32 oz. Ag per ton. The ore is believed to be too low in grade to be mined profitably under present conditions.

Introduction

The mine was examined at the request of Mr. Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, to determine the feasibility of a $65,000 program to explore the property. The Government had been requested to participate in the exploration by Messers. H. Frank Neiman and I. Neiman of Beverley Hills, California. In response to Mr. Lyon's request, W. P. Irwin and C. D. Rinehart of the Geological Survey spent 5 days examining the property during the period August 30 to September 5, 1951, in the company of H. F. Neiman and J. P. Madison. Most of their time was spent mapping and sampling the Queen of Sheba mine. The geology was mapped at a scale of 1 inch equals 40 feet on a base map supplied by the applicant. One day was spent examining the nearby Carbonate mine and Lead Pipe prospect, as they were included in the request for exploration funds.

Location

The Queen of Sheba Mine is in T. 22 N., R. 1 E. (projected), near the southern end of the Panamint Range in Death Valley National Monument, Inyo County, California. To reach the mine, travel 13.1 miles in a northerly direction on the west fork of the main Death Valley road beyond about 1 mile south of Ashford Mill. Turn left at a well and pump house, and travel 3.7 miles N 56° W over a poor gravel road to the Queen of Sheba Mine. The Carbonate Mine is about 1000 feet north of the Queen of Sheba, and about 200 feet lower in altitude. The Lead Pipe prospect is 1500 feet southwest of the Queen of Sheba, and a few hundred feet higher.

History

According to Mr. J. P. Madison the Queen of Sheba mine was worked first by Jack Salisbury in 1920 in conjunction with the Carbonate Mine. Since that date, several unsuccessful attempts have been made to

operate the mine at a profit. The New Sutherland Divide Mining Company operated the mine from 1944 to 1949 in conjunction with the Carbonate Mine, and is reported to have spent $380,000 in development work. Production for the period 1948 to 1949 was 92,918 pounds of lead and 419 pounds of zinc, according to the records of the Bureau of Mines. Most of that production appears to have been from the Carbonate Mine. The property was leased by Mr. Neiman in May 1951, after a public auction sale of most of the mill and mine plant.

Workings

The mine workings consist of approximately 1700 feet of crosscuts and drifts, with appended inclined stopes that cover a total horizontal area of about 2500 square feet (see pl. 1). The crosscuts and drifts average between 4 to 5 feet in width and 6 to 7 feet in height. The stopes are inclined eastward at an average of about 35 degrees, and are an average height of about 6 feet normal to the plane of inclination. In general, the workings are in fair condition. Little timbering is required although for the greater part the workings are in highly shattered or brecciated rock. No water has been encountered. The workings open on the steep east facing hillside at four principal levels. The vertical distance between the highest and lowest level is 170 feet. Ore has been mined from only the upper two levels, which are separated by a vertical distance of about 17 feet. The lowest level consist of seemingly aimless exploratory workings in barren ground and constitutes about 75 percent of the total horizontal footage.

Geology

The mine is in the Noonday dolomite of Cambrian age. The dolomite is a massive, pale yellowish-brown rock that appears to strike N. 30° W. and dip northeast about 35 degrees, although bedding features are somewhat obscure. It is underlain by a dark, greenish-gray diabase sill (?) that is believed to be several hundred feet thick. The sill is not exposed in the Queen of Sheba mine, but is estimated to be within a hundred feet stratigraphically below the lowest workings. Exposures of the sill at the Carbonate mine to the north, and on a long ridge several miles to the south, indicate an overall dip of the sill of about 20 degrees eastward.

The rocks are highly shattered, and many faults are exposed in the workings. The largest fault strikes northwest and is exposed discontinuously for 280 feet in the lower tunnel and crosscut no. 1 (see pl. 2). It is nearly vertical, and probably intersects the surface of the hill a few feet northeast of the portals of crosscuts nos. 2 and 3. All of the observed faults appear to be post-mineral and have displaced the ore bodies but little.

The lead and zinc-bearing minerals occur as replacement bodies in the dolomite. Replacement has been primarily along rather widely-spaced bedding planes, and to a considerably lesser extent along small fractures at various angles to the bedding. The bedding-plane replacement bodies are thin, almost sheet-like masses that in a broad way have considerable lateral continuity but in detail are commonly discontinuous. The largest bedding plane replacement body can be traced by discontinuous exposures in the workings for a distance of 220 feet along the strike. Its average thickness is approximately half a foot. Other bodies of this type are considerably less continuous.

The replacement bodies may be considered to occupy a zone that parallels the attitude of the dolomite. In crosscut no. 3 the mineralized zone is exposed for 110 feet along the length of the crosscut. (see Pl. 2) The largest bedding-plane replacement body is near the portal and in the highest part of the zone stratigraphically. This body, in addition to several similar though smaller bodies, were worked in the large southeasterly-trending stope. The over-all abundance of lead and zinc minerals decreases toward the stratigraphically lower part of the zone until, near the face of the crosscut, the mineralization is sparse.

The same large bedding-plane replacement body is exposed at the portal and in the northernmost workings of crosscut no. 2. There the mineralized zone is exposed about 80 feet along the crosscut, and grades southwestward from well mineralized to sparsely-mineralized dolomite. The dolomite in crosscut no. 1 is sparsely mineralized at several places, and in the lower tunnel is barren.

The strike of the mineralized zone is approximately parallel to the contour of the hillside. The dip of the zone ranges from 20 to 40 degrees to the northeast, and the slope of the hillside is 40 degrees to the northeast. Therefore, the outcrop of the zone at the portal of crosscut nos. 2 and 3 represents the down-dip termination of the mineralized zone. Crosscut no. 1 and the lower tunnel are below the footwall of the mineralized zone.

Galena is the principal primary sulfide mineral. Much of the galena has been transformed to anglesite and cerussite, as all of the workings are in the zone of oxidation. Minerals containing zinc and silver are indicated to be present by assays and production figures but none are apparent by megascopic examination.

Ore

The ore at the Queen of Sheba formerly was mined selectively. Production was confined to extraction of the thin-bedding-plane replacement bodies by inclined stopes. The production was probably greatest where several of the bedding-plane bodies converge enough

to be mined in the same stope, as in the southwest workings of crosscut no. 3.

The weighted average of 32 assays submitted by the applicant is 9.3 percent lead over 6.2 feet. (See assay map in docket). The assay values are misleading, however, as in many cases the samples were cut parallel to the attitude of the replacement bodies rather than normal to them. Also, the sampling was not systematic, and the samples were cut only at places where the dolomite was most highly mineralized.

It is clear that the individual replacement bodies are of too low grade over a reasonable mining width, and constitute too small a tonnage to be mined profitably by a selective method. It is conceivable, however, that the entire mineralized zone might constitute a considerable tonnage, and contain sufficient mineral value to be of economic importance if mined by an open cut.

A continuous 120-foot sample was cut from the face to the portal of crosscut no. 3 to determine the approximate average grade of the mineralized zone. The assay value determined by the Hydrometallurgical and Ore-Testing Branch of the Bureau of Mines, at Reno, Nevada, is 4.8% Pb, 0.03% Cu, 0.5% Zn, 0.01 oz. Au per ton, and 2.32 oz. Ag. per ton.

Ore Reserves

The deposit is estimated to contain 225,000 tons of inferred ore with a grade of 4.8% Pb, 0.03 Cu, 0.5% Zn, 0.01 oz. Au per ton, and 2.32 oz. Ag per ton. The following assumptions are made: (1) the average dip of the mineralized zone is 30 degrees, (2) the zone is 60 feet thick normal to the dip, (3) the zone is continuous for 150 feet up-dip from crosscut nos. 2 and 3, and for 250 feet along the strike, (4) the average grade is the assay value of the 120-foot sample, and (5) 10 cubic feet of ore weighs 1 ton.

Exploration

The applicant plans to explore the deposit by extending the southeast-heading drifts from the crosscut no. 2. The plan is practical from the standpoint of exploring two of the more favorable mineralized bedding planes for selective mining, but it is not practical for exploring the entire mineralized zone. Explorations of the individual bedding planes is not recommended, as most of the ore bodies in the area already explored are too narrow and discontinuous to constitute a tonnage that is commensurate with the cost of development.

It is recommended that any exploration of the deposit should be aimed at determining the limits and grade of the entire mineralized zone, rather than exploration of individual bedding-plane replacements. The deposit should be explored with the idea of developing a large, low-grade, bulk-mining operation, rather than with the idea of selectively mining high-grade seams.

The deposit would be explored ideally by a grid of diamond drill holes. However, it has been shown in somewhat similar deposits as at the Anaconda Copper Mining Company's operations near Tecopa, Calif., that diamond drilling is not feasible in highly shattered dolomite. It then appears that the most practical method is to drive a grid of southwesterly-heading exploration tunnels on about 100-foot centers in the hillside above the portals of crosscuts nos. 2 and 3. Five or six tunnels with an average length of about 250 feet would be required to prove the inferred tonnage.

Carbonate Mine

The Carbonate Mine opens a deposit similar to that opened by the Queen of Sheba Mine. The mine is in a narrow ridge that is capped by gently-dipping dolomite (see pl. 2). The dolomite is underlain by diabase. Minerals containing lead, zinc, and silver occur as replacement bodies in the dolomite.

The ridge is almost completely undermined by a maze of horizontal workings and large, moderately inclined stopes, and appears to be nearly mined-out. The last work was by the New Sutherland Divide Mining Company, and consisted mainly of robbing pillars in the old stopes. An exploratory crosscut tunnel was driven about 75 feet below the old workings, but no extension of the ore bodies was found. No exploration of the Carbonate Mine is planned by the applicant.

Lead Pipe Prospect

The Lead Pipe prospect is in the bottom of a small gulch. It consist of a 30-foot, northwesterly-heading tunnel with a 35-foot vertical shaft at the portal. The workings are in dolomite. The roof of the tunnel is within a few feet of the surface, and the dolomite is weathered. Some of the dolomite in the roof contains minerals of lead, zinc, and copper. The tunnel has been filled with water several times, owing to its location in the middle of the gulch, and exposures are extremely poor. The shaft is open but not accessible. No metalliferous minerals were observed in the shaft.

The applicant plans to extend the shaft to a depth of 100 feet, and drift 100 feet north and south from the bottom of the shaft. The plan includes building a road from the Queen of Sheba mine to the

prospect. The road would be about a mile long, and would require considerable drilling and blasting at the end near the prospect. The cost of the road is estimated to be about $3000. The cost of the proposed exploration does not seem reasonable, in view of the small promise of discovering an orebody.

Conclusion

The Queen of Sheba deposit contains a considerable inferred tonnage of marginal to sub-marginal ore, with the possibility of developing an even greater tonnage by further exploration along the strike of the deposit. The nearly-dip-slope nature of the deposit is one ideally suited to a low cost open-cut operation. Owing to the rather remote location, the ore would have to be milled at the mine, and the operation costs would be high.

According to the applicant, the ore would have to average about 10 percent lead to be economic. As there is no reason to believe that the average grade of the replacement zone is higher than indicated by the 120-foot sample, it appears doubtful that a grade of 10% lead could be maintained even by selective mining. Considerable handsorting would be required.

It is recommended that the loan not be granted, as the ore is too low in grade to be mined profitable under present economic conditions.

OCT 26 1 26 PM '51

AUG 2 1951

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

Mr. Harold C. Miller
Executive Officer, DMA Field Team
Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

AUG 2 1951

AIR MAIL

Dear Sir:

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

Docket No. 1728X

Commodity Lead-silver

Applicant H. Frank Neiman and I Neiman, 211 S. Arnaz Drive
Beverly Hills, California

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

Very truly yours,

Tom Lyon

Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1728X

Commodity Lead silver

Total Amount $65,000

Govt. Participation 50%

1. Name and Address of Applicant H. Frank Neiman and I Neiman

211 S. Arnaz Drive, Beverly Hills, California

2. Location of Property Queen of Sheba and Carbonate mines, Warm Springs District

Inyo County, California

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination X

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

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

6. If applicant is a lessee, is a copy of the lease attached? No. Should be requested of applicant

Does the lease have sufficient time to run to cover a future productive period? Don't know

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Don't know

b) MF-202 Yes. Should be requested of applicant

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

a) Available manpower Yes

b) Equipment and supplies Don't know
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* No

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

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

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Don't know Project not described in sufficient detail

If not, what part of it is?

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? No

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

e) Are the cost estimates reasonable? Don't know

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Don't know

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Don't know

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

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? No

c) Reasonable? Don't know

d) Field check needed? Yes

15. In your judgment, can the proposed work be done in the proposed time? Don't know

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: Erwin J. Lyons - GS

Date 7-27-51

INT.-DUP. SEC., WASH., D.C. 99009

McKnight
Olleary
(FOR NOTE)
Ellings

AUG 2 1951

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

Mr. Harold C. Miller
Executive Officer, DMA Field Team
Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

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

Docket No. 1728X

Commodity Lead-silver

Applicant H. Frank Neiman and I Neiman, 211 S. Arnaz Drive
Beverly Hills, California

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

Very truly yours,

Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1728X

Commodity Lead silver

Total Amount $65,000

Govt. Participation 50%

1. Name and Address of Applicant H. Frank Neiman and I Neiman

211 S. Arnaz Drive, Beverly Hills, California

2. Location of Property Queen of Sheba and Carbonate mines, Warm Springs District

Inyo County, California

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination X

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

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

6. If applicant is a lessee, is a copy of the lease attached? No. Should be requested of applicant

Does the lease have sufficient time to run to cover a future

productive period? Don't know

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Don't know

b) MF-202 Yes. Should be requested of applicant

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

a) Available manpower Yes

b) Equipment and supplies Don't know
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* No

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

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

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? ~~Don't know Project not described in sufficient detail~~

If not, what part of it is?

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? No

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

e) Are the cost estimates reasonable? Don't know

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Don't know

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Don't know

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

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? No

c) Reasonable? Don't know

d) Field check needed? Yes

15. In your judgment, can the proposed work be done in the proposed time? Don't know

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: Erwin J. Lyons - GS

Date 7-27-51

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY 350
SURNAME:

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

Lyons (EJL)
McCullagh
O'L FAN
(FOR MOTE)
Billingsley
Merrill

July 27, 1951

Re: DMA-1728X

a.e.e.

Mr. H. Frank Neiman
211 S. Arnaz Drive
Beverly Hills, California

Dear Mr. Neiman:

Your application for a loan to explore the Queen of Sheba and Carbonate mines in Inyo County, California, has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration and has been referred to Mr. Harold C. Miller, Executive Officer, DMA Field Team, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for further information and advice.

Very truly yours,

SIGNED 8/3

Tom Lyon, Director
Supply Division

EJLyons:emp
G 7-27-51
Copies to: H. C. Miller Region III (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 5214 GSA
Files

July 27, 1951

Re: A-17261

Mr. M. Frank Seiman
[illegible] S. [illegible] Drive
Beverly Hills, California

Dear Mr. Seiman:

Your application for a loan to explore the Queen of Sheba and Carbonate mines in Inyo County, California, has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration and has been referred to Mr. Harold C. Miller, Executive Officer, [illegible] Field Team, 1013 Flood Building, 870 Market Street, San Francisco 2, California, for further information and advice.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

RJLyons:mmp
G 7-27-51

Copies to: H. C. Miller Region III (2)
Chief, Lead-Zinc Br.
R. T. Meknight 4204 [illegible]
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 [illegible]
Files

FILE COPY
SURNAME:

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

June 28, 1951

Mr. Frank H. Neiman
211 S. Arnaz Drive
Beverly Hills, California

Subject: DMA-1728X
Re: Exploration Loan -
July Quartz Mine Claim, Adjax,
Queen of Sheba and Carbonate

My dear Mr. Neiman:

Receipt is acknowledged of your application and attachments of May 24, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1728X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 26, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1728X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel jc
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Herres
Lyon

June 28, 1951

Mr. Frank H. Neiman
211 S. Arnaz Drive
Beverly Hills, California

Subject: DMA-1728X
Re: Exploration Loan -
July Quartz Mine Claim, Adjax,
Queen of Sheba and Carbonate

My dear Mr. Neiman:

Receipt is acknowledged of your application and attachments of May 24, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1728X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 26, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1728X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Herres
Lyon

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 - 1728X

Date received 6/25/51

Participation

H. Frank Neiman and
I. Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 25 1951
LAWSON F. STROBEL
Executive Secretary

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $65,000.00

Mineral or metal Lead w/ Silver Byproduct

Percentage of Government participation 50%

Location of mine Gold Hills Mining District ~~Inyo County, Calif.~~

37,500

~~Information attached on separate paper.~~

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

THE EXPLORATION

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

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

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

THE REQUIREMENTS AND COSTS

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

CERTIFICATION

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

(Name of company)	By J. H. Vanderlinden (Signature of authorized official)
May 24, 1951 (Date)	Partner (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

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

M-103

H. Frank Nelman - H. Nelman
221 S. Arnaz Dr.
Beverly Hills, Calif.

Date of application May 26, 1951
Mineral or metal - Gold w/ Silver by-product
Location of mine - Gold Hill Mining District, Inyo County, California
Estimated Cost - $63,000.00
Percentage of Government Participation - 50%

1. Applicant is Partnership

2. Above.

3. Copy of lease attached. In good standing.

8. Not in operation yet. Will invest $50,000.00 new capital; own all machinery $21,824.00, payments spread out for year.

9. Prepared to invest our half of exploration cost.

10. (a) 14 claims, Camp buildings, Machinery, Equipment.
(b) July Quartz Mine Claim, July No. 1, July No. 2, July No. 3, July No. 4, July No. 5, Adjax, Adjax No. 1, Adjax No. 2, Adjax No. 3, Adjax No. 4, Adjax No. 5, Adjax No. 6 in Gold Hill Mining District, Inyo County, California

20. Gold and Silver

21. Proposed work is to drive tunnels into mountains to block out ore. Estimated time is 3 months.

22. Ore in sight; want to continue it. Map attached.

23.

(a) 12 miners averaging $12.00 day	$21,000.00
(b) Engineer	6,000.00
Supervisor	3,600.00
Foreman	2,400.00
(c) Repairs to existing facilities	2,000.00
(d) Additional facilities	1,800.00
(e) Equipment	15,000.00
(f) (g) to be determined	
(h) Supplies, Food, Cook	10,800.00
(i) Other items	1,000.00
	$63,300.00

26. Block out developed areas of ore and discover new ones. A pilot ore should be blocked out six months time from time project is approved.

May 26, 1951

H. Frank Nelman
H. Frank Nelman
Partner

Form DIF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1728X

Date received 6/25/51

Name and address of applicant

[illegible] Reiman 211 S. Arnaz Dr. Beverly Hills, California
L. Reiman

Date May 24, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

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

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

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

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

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

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
211 S. Arnaz Dr. Beverly Hills Cal.							
H. Frank Neiman	Partner						
Sano.							
I. Neiman							
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

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

1.

(a) Gold
(b) Silver

2. Name - Queen of Sheba and Carbonate
Type - Tunnel
Mill - Flotation, gravity
Last Name - Sector Mineral Study Property
(a) No Data
(b) Linear feet of drifts and crosscuts 575
(c) Linear feet of tunnels 680
(d) Linear feet of raises and open cuts - Carbonate has refuse from mill to surface. Considerable stoping on raises and open cuts close to surface. Ore not blocked.

3.

(a) 40 miles to Bishop
(b) Gold Hill Mining District
(c) T 1, R 32, MDB
(d) Inyo County, California

4.

(a) Property not in operation now.
(b) Operating as Lessee

5. Commercial production from Queen of Sheba mine. Has yet to be verified from Queen of Sheba exploration. Estimated date this production will begin is six months.

6. Unemployed associated. Applicant has extensive business experience.

7. History

(a) Operations on the Carbonate Mine Property are estimated $700,000.00 worth of ore. Little has been done at the mine of Queen of Sheba to date, however, two of this group usually lease the very large holdings. Operations suspended because they had trouble controlling water. Engineers drilled for and hit a large underground silver flowing below the level of the valley. This vein is yielding 60 gallons per minute, which is more than sufficient for use in the concentrating mill at the mine. Capacity of the mill is about 100 tons per day which is be more than adequate. Slight additional equipment. Since the additional equipment would require a source of energy, this is not more feasible to a small operation.

(b) Accepted for mining ore. As soon as the stulley formation.

(c) Report by E.H. Rast Jr., Mining Engineer, states ore bodies of the Queen of Sheba and Carbonate mines are quite extensive, and in quantity of 70,000 tons is conservative. Although the price of ore is estimated at 7 to 8 cents per pound, the minerals, not mentioned in the assay, give the average lead content much above the standard grade.

Partners

H. Frank Neiman - 211 S. Arnaz Dr. Beverly Hills, California

I. Neiman - Same

10. Not in operation.

11. Expected production to start operation - 75 ton basis.

12. Ore deposit - Fracture in Limestone in replaced area. Made veins and disseminated mineralization.

	Total ore or Mineral Reserve		
	Estimated tons	Percent	Gross val. per ton
Indicated	70,000	9 or 10% lead	$135.00

Recoverable Gross Val. per ton.	Estimated Cost of production per ton.
90%	$10.00

13. Roads - 125 miles to railroad at Lund; good roads.

14. Well at base gauge 20 gallons per minute year round, while in operation.

15. Commercial power.

16. Sufficient.

17. 250 Pair 5 Diesel Power Plant Jordan 71 G.S. 500 KW 250 KVA 3 ph 60/480v S.T.G Generator 600V w/ Excitor Power Panel 60 Hz 3 Motor 440-115v, Abandon [illegible] after complete, [illegible], 40x96" steel [illegible], Steel Agitator [illegible], Sand Classifier, [illegible] tank [illegible], 42x16 Gladden 10x30 Crusher, Fulton Finch w/ 1000 cubic [illegible], Conveyor chains etc, ore cars, rails, [illegible], Mill Bins, Sullivan air Hoist, Hanks Ball [illegible] etc. Rehabilitation to [illegible], and cost of disc equipment to first class.

18. [illegible] to work 3 [illegible] time.

H. Frank Neiman,
Partner

May 24, 1951

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

(Name of company)

By H Frank Nesman
(Signature of authorized official)

May 24, 1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

July 27, 1951

Re: DMA-1728X

Mr. H. Frank Heiman
211 S. Arnaz Drive
Beverly Hills, California

Dear Mr. Heiman:

Your application for a loan to explore the Queen of Sheba and Carbonate mines in Inyo County, California, has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration and has been referred to Mr. Herold C. Miller, Executive Officer, GSA Field Team, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for further information and advice.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

EJLyons:emp
G 7-27-51
Copies to: H. C. Miller Region III (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

June 28, 1951

Mr. Frank H. Neiman
211 S. Arnaz Drive
Beverly Hills, California

Subject: DMA-1728X
Re: Exploration Loan -
July Quarts Mine Claim, Adjax,
Queen of Sheba and Carbonate

My dear Mr. Neiman:

Receipt is acknowledged of your application and attachments of May 24, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1728X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 26, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1728X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
✓Herres
Lyon

P.

DMA 1728 - Queen of Sheba Mine, Inyo County, California

Report of field team from Region III recommending that the loan be denied. I'm turning that report over to USGS.

10/26

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 - 1728X

Date received 6/25/51

Participation

H. Frank Neiman and
I. Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 25 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $65,000.00

Mineral or metal Lead w/ Silver Biproduct

Percentage of Government participation 50%

Location of mine Gold Hills Mining District
Inyo County, Calif.

Information attached on separate Paper.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

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

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

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

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

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

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

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

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

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

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

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

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

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

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

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

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

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

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

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

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

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

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

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

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

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

CERTIFICATION

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

(Name of company)	By H. H. van Hoffemann (Signature of authorized official)
May 24, 1951 (Date)	Partner (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

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

Form MF-103
(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-1728 X

Date received 6/25/51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 25 1951
LANDON F. STROBEL
Executive Secretary

H. Frank Reiman and
I. Reiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $60,000.00

Mineral or metal Lead w/ Silver Bipproduct

Percentage of Government participation 50%

Location of mine Gold Hills Mining District
Inyo County, Calif.

Information attached on separate Paper.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

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

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

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

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

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

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

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

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

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

CERTIFICATION

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

(Name of company)	By H F Vandersmissen (Signature of authorized official)
May 24, 1951 (Date)	Partner (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

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

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-1728X

Date received 6/25/51

Name and address of applicant

Date

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

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

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

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

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

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

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
211 S. Arnaz Dr. Beverly H ills Cal.							
H. Frank Neiman	Partner						
Same.							
I. Neiman	"						
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

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

FORM MF-100

1.

(a) Lead
(b) Silver

2. Name - Queen of Sheba and Carbonate
Type - Tunnel
Mill - Flotation, gravity
Old Name - Former Sutherland Divide Property

(a) No shafts
(b) Linear feet of drifts and crosscuts 275
(c) Linear feet of tunnels 290
(d) Linear feet of other mine openings - Carbonate has raise from middle to surface. Considerable stopping on raise and opne cut mine on surface.

Mine not flooded.

3.

(a) 44 miles to Shoshone
(b) Gold Hill Mining District
(c) T 1, R 22, SBM
(d) Inyo County, California

4.

(a) Property not in operation now.
(b) Operating as Lessee

5. Considerable production from Carbonate Mine. Two years production from Queen of Sheba off and on.
Estimated date when production will begin is six months.

6. Experienced associates. Applicant has extensive business experience.

7. History

(a) Working s on the Carbonate Mine brought out approximately $300,000.00 worhh of ore. Little has been done on the Queen of Sheba to date, However, ore of this grade usually lies in very large bodies. Operations suspended because they had trouble obtaining water. Engineers drilled for and hit a large underground river flowing below the floor of the valley. This well is pumping 80 gallons per minute, which is more than sufficient to operate the concentrating mill at the mine. Capacity of the mill is about 100 tons per day which can be upped to 150 ton with slight additional equipment. These expenditures exhausted their source of money, and they were forced to suspend operation.

(b) Anaconda Copper Mining Co. at Tocopahhhas similar formation.

(c) Report by B.C. Austin, Mining Engineer, states ore bodies of the Queen of Sheba and Carbonate mines are quite extensive, and an estimate of 70,000 tons is conservative. Although the grade of ore is estimated at 7 to 8% lead there are numerous hot spots occurring which may bring the average lead content much above the estimated grade.

Partners

H. Frank Neiman - 211 S. Arnaz Dr. Beverly Hills, California

I. Neiman - Same

10. Not in operation.

11. Expected production to start operation - 75 ton basis.

12. Ore deposit - Fracture in Limestone in replaced area. Both vein and disseminated mineralization.

Total ore or Mineral Reserve

	estimated tons	percent	gross val. per ton
Indicated	75,000	9 or 10% lead	$135.00

Recoverable Unit Val. per ton.	Estimated Cost of Production per ton.
90%	$19.00

13. Roads - 115 miles to railroad at Dunn; good roads.

14. Well at base pumps 80 gallons per minute year round, while in operation.

15. Generate our own power.

16. Sufficient.

17. GMC Twin 6 Diesel Power Plant Series 71 G.E. 200 KW 250 KVA 3 ph 60/450v GEMC Generator 40KW wh Exciter Power Panel GE Transformer 460-115v, American Continuous Filter complete, Many Pumps, 40x9ft steel tank thickener, Steel Agitator Mixing tank, complete, Dorr Classifier, Sulphate mixing tank w agitator, Allis Chalmers 10x20 Crusher, Fulton Winch w/ 1220 calbe powered, conveyor belts etc, ore cars, rails, pipes, buildings, Sullivan Air Tuggar Hoist, Tanks Ball Mill Balls etc. Installation is well done, and most of the equipment is first class.

18. Too hot to work in summer time.

H Frank Neiman,
Partner

May 24, 1951

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

[illegible]

(Name of company)

By ---
(Signature of authorized official)

(Date)

(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

H. Frank Heiman - I. Heiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

Date of application May 24, 1951
Mineral or Metal - Gold w/ Silver byproduct
Location of Mine - Gold Hill Mining District, Inyo County, California
Estimated Cost - $68,000.00
Percentage of Government Participation - 50%

1. Applicant is individually

2. Above.

3. Copy of lease attached. In good standing.

4.

5. Not in operation yet; will invest $50,000.00 new capital; one ea. machinery $21,824.00, payments spread out for year.

9.
Prepared to invest one half of exploration cost.

10. (a) 14 claims, Camp buildings, Machinery, Equipment.
(b) Jully Quartz Mine Claim, July No. 1, July No. 2, July No. 3, July No. 4, July No. 5, Adjax, Adjax No. 1, Adjax No. 2, Adjax No. 3, Adjax No. 4, Adjax No. 5, Adjax No. 6 in Gold Hill Mining District, Inyo County, California

20. Lead and Silver

21. Proposed work is to drive tunnels into mountains to block out ore. Estimated ore is 4 ounces.

22. One hundred tons to continue 18. map attached.

23.

(a) 20 miners average @ $12.00 day	$21,000.00
(b) Engineer	6,000.00
Superintendent	3,600.00
Foreman	2,400.00
(c) Repairs to existing facilities	2,000.00
(d) Additional facilities	1,500.00
(e) Equipment	15,000.00
(f) (G) to be determined	
(h) Supplies, Food, Cook	10,200.00
(i) Other items	1,000.00
	$63,300.00

24. Block out developed reserve of ore and discover new ones. Mills ore should be blocked out six months time from time project is approved.

May 24, 1951

H. Frank Heiman
H. Frank Heiman
Partner

MF-103

H. Frank Neiman - I. Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

Date of application May 24, 1951
Mineral or Metal - Lead w/ Silver byproduct
Location of Mine - Gold Hill Mining District, Inyo County, California
Estimated Cost - $65,000.00
Percentage of Government Participation - 50%

1. Applicant is Partnership

2. Above.

3. Copy of Lease attached. In good standing.

8. Not in operation yet; will invest $50,000.00 new capital; owe on machinery $21, 824.00, payments spread out for year.

9. Prepared to invest our half of exploration cost.

10. (a) 14 claims, Camp buildings, Machinery, Equipment.
(b) July Quartz Mine Claim, July No. 1, July No. 2, July No. 3, July No. 4, July No. 5, Adjax, Adjax No. 1, Adjax No. 2, Adjax No. 3, Adjax No. 4, Adjax No. 5, Adjax No. 6 in ?Gold Hill Mining District, Inyo County, California

20. Lead and Silver

21. Proposed work is to drive tunnels into mountains to block out ore. Estimated time is 6 months.

22. Ore in sight; want to continue it. Map attached.

23.

(a)	12 miners averaging $12.00 day	$21,600.00
(b)	Engineer	6,000.00
	Supervisor	3,600.00
	Foreman	2,400.00
(c)	Reapirs to existing facilities	2,000.00
(d)	Additional facilities	1,500.00
(e)	Equipment	15,000.00
(f)	(g) to be determined	
(h)	Supplies , Food, Cook	10,200.00
(i)	Other items	1,000.00
		$63,300.00

24. Block out developed areas of ore and discover new ones. Ample ore should be blocked out six months time from time project is approved.

May 24, 1951

H Frank Neiman

H. Frank Neiman
Partner

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1728X

Date received

H. Frank Neiman 211 S. Arnaz Dr. Beverly Hills, California
L. Neiman " " "

Name and address of applicant

Date May 24, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

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

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

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

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

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

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

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

FORM MP-100

1.

(a) Lead
(b) Silver

2. Name - Queen of Sheba and Carbonate
Type - Tunnel
Mill - Flotation, gravity
Old Name - Former Sutherland Divide Property

(a) No shafts
(b) Linear feet of drifts and crosscuts 275
(c) Linear feet of tunnels 290
(d) Linear feet of other mine openings - Carbonate has raise from middle to surface. Considerable stopping on raise and open cut mile on surface.

Mine not flooded.

3.

(a) 44 miles to Shoshone
(b) Gold Hill Mining District
(c) T 1, R 22, SBM
(d) Inyo County, California

4.

(a) Property not in operation now.
(b) Operating as Lessee

5. Considerable production from Carbonate Mine. Two years production from Queen of Sheba off and on. Estimated date when production will begin is six months.

6. Experienced associates. Applicant has extensive business experience.

7. History

(a) Workings on the Carbonate Mine brought out approximately $300,000.00 worth of ore. Little has been done on the Queen of Sheba to date. Moreover, ore of this grade usually lies in very large bodies. Operations suspended because they had trouble obtaining water. Engineers drilled for and hit a large underground river flowing below the floor of the valley. This well is pumping 30 gallons per minute, which is more than sufficient to operate the concentrating mill at the mine. Capacity of the mill is about 100 tons per day which can be upped to 150 tons with slight additional equipment. These expenditures exhausted their source of money, and they were forced to suspend operation.

(b) Amerada Copper Mining Co. at Tecopah has similar formation.

(c) Report by D.C. Austin, Mining Engineer, states ore bodies of the Queen of Sheba and Carbonate mines are quite extensive, and an estimate of 70,000 tons is conservative. Although the grade of ore is estimated at 7 to 8% lead there are numerous hot spots occurring which may bring the average lead content much above the estimated grade.

Partners

H. Frank Heiman - 211 S. Arana Dr. Beverly Hills, California

I. Heiman - Same

10. Not in operation.

11. Expected production to start operation - 7% ton basis.

12. Ore deposit - Ft. ctre is limestone in replaced area. Both veins and disseminated mineralization.

	Total ore or Mineral Reserve		
	estimated tons.	percent	gross val. per ton
Indicated	75,000	9 or 10% lead	$135.00

Recoverable Unit Val. per ton.	Estimated Cost of Production per ton.
90%	$15.00

13. Roads - 115 miles to railroad at Dunn; good roads.

14. Fuel at base pays 30 gallons to the mile over round, while in operation.

15. Generate our own power.

16. Sufficient.

17. GMC Twin 6 Diesel Power Plant Series 71 G.B. 200 KW 250 KVA 3 ph 60/480v GE 6 Generator 600K VA Exciter Power Panel GE Pre exciter 460-115v, Amortex Cont. Panel Fulton complete, Jeffrey Pumps, 40x96t steel tank thickener, Steel agitator mixing tank, complete, Dorr Classifier, Sulphuric acid tank agitator, Allis Chalmers 10x20 Crusher, Fulton 1 inch w/ 1000 cubic pounds, conveyor belts etc, ore cars, rails, pulleys, buildings, Sullivan Air Tugger hoist, Marcy Ball Mill, Balls etc. Installation is well done, and most of the equipment is first class.

18. Expect to work in summer time.

H Frank Heiman,
Partner

May 24, 1951

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

(Name of company)

By Franklin Pearson
(Signature of authorized official)

May 24, 1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Form MF-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-1728X

Date received 6/25/51

Participation

DEPARTMENT OF INTERIOR BUREAU OF MINES MINERAL RECEIVED AUG 6 1951 SAN FRANCISCO, CALIFORNIA

DEPARTMENT OF THE INTERIOR Defense Minerals Administration RECEIVED JUN 25 1951 LANDON F. STROBEL Executive Secretary

H. Frank Neiman and
I. Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $65,000.00

Mineral or metal Lead w/ Silver Biproduct

Percentage of Government participation 50%

Location of mine Gold Hills Mining District
Inyo County, Calif.

Information attached on separate Paper.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

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

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

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

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

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

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

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

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

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

CERTIFICATION

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

(Name of company)	By H H Frankemeier (Signature of authorized official)
May 24, 1951 (Date)	Partner (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

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

MF-103

H. Frank Neiman - I. Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

Date of application May 24, 1951
Mineral or Metal - Lead w/ Silver byproduct
Location of Mine - Gold Hill Mining District, Inyo County, California
Estimated Cost - $65,000.00
Percentage of Government Participation - 50%

1. Applicant is Partnership

2. Above.

3. Copy of Lease attached. In good standing.

8. Not in operation yet; will invest $50,000.00 new capital; owe on machinery $21, 824.00, payments spread out for year.

9. Prepared to invest our half of exploration cost.

10. (a) 14 claims, Camp buildings, Machinery, Equipment.
(b) July Quartz Mine Claim, July No. 1, July No. 2, July No. 3, July No. 4, July No. 5, Adjax, Adjax No. 1, Adjax No. 2, Adjax No. 3, Adjax No. 4, Adjax No. 5, Adjax No. 6 in ?Gold Hill Mining District, Inyo County, California

20. Lead and Silver

21. Proposed work is to drive tunnels into mountains to block out ore. Estimated time is 6 months.

22. Ore in sight; want to continue it. Map attached.

23.

(a)	12 miners averaging $12.00 day	$21,600.00
(b)	Engineer	6,000.00
	Supervisor	3,600.00
	Foreman	2,400.00
(c)	Reapirs to existing facilities	2,000.00
(d)	Additional facilities	1,500.00
(e)	Equipment	15,000.00
(f)	(g) to be determined	
(h)	Supplies , Food, Cook	10,200.00
(i)	Other items	1,000.00
		$63,300.00

24. Block out developed areas of ore and discover new ones. Ample ore should be blocked out six months time from time project is approved.

May 24, 1951

H. Frank Neiman

H. Frank Neiman
Partner

U. S. Geological Survey
RECEIVED
AUG 27 1951
Geologic Branch
San Francisco, Calif.

H. Frank Neiman
211½ S. Arnaz Dr.
Beverly Hills, Calif.

August 23, 1951

Mr. Edgar H. Bailey
United States Department of the Interior
Geological Survey
102 Old Mint building
San Francisco 3, Calif.

Subject: DMA-1728X

Dear Mr. Bailey:

I had a very pleasant visit with Mr. H.C. Miller and Mr. Ward Smith, and they were kind enough to spend a considerable amount of time in helping me with my application.

I am enclosing an amendment to my application; also four copies of maps of the "Queen of Sheba" and "Lead Pipe" areas and four copies of assay maps of the "Queen of Sheba."

I would appreciate your notifying me when the examination of the property will be made as I would like to be on the property at the time.

Very truly yours,

H Frank Neiman

H. Frank Neiman

Amendment to Form MF 103 -- DMA-1728X

21. Map will show proposed work.
   a) In "Queen of Sheba" continue from Crosscut #2 approximately 200 feet of drifting and crosscutting.
   b) From crosscut #2 raise to and through crosscut #3 approximately 100 feet.
   c) From crosscut #2, new section, raise 40 feet.
   d) From Crosscut #2 winz to crosscut #1 35 feet.
   e) From crosscut #3 25 foot drift.
   f) In "Lead Pipe" sink 100 foot shaft.
   g) From shaft drift 100 feet each way.
   h) Trench around "Lead Pipe" wherever indidations of ore.

Estimated time approximately six months.

22. Basis for believing we will encounter ore:
   a) Surface indications -- outline of ore bodies.
   b) Geological structure same as Anaconda Copper Co.'s at Darwin and Tocopah, Calif.
   c) In the "Lead Pipe" there is a 30 foot shaft with ore all the way.
   d) In the "Queen of Sheba" drifts are in ore.

23. a) Labor:

Mill Foreman @ $1.65 hr,		$2,230.80	
3 Miners, 3 Muckers, 3 Trammers, 1 Mechanic @ $1.50 hr. plus contract basis		20,280.00	$22,510.80
b) Supervisors:			
Superintendent		2,700.00	
Bookkeeper & Jr. Engineer		1,800.00	
Geologist		3,600.00	8,100.00
c) Repairs:			
Rehabilitate Camp		500.00	
Repair Road		270.00	770.00
d) Construction of additional facilities			
Road to "Lead Pipe."			1,000.00
e) Additional Equipment:			
Compressor		6,000.00	
Cat-Dozer		4,000.00	
Drilling Equipment:			
3 Drifters @ 225.00	675.00		
1 Jackhammer w/shell	150.00		
Steel	172.99		
Hose, 200 ft ea, air and water	240.00		
Hose fittings	75.00		
Oiler & hose	60.00		
Gardaner Denver Tuggar	300.00		
Blacksmith shop equipment; anvils, vices, pipe & bolt dyes.	500.00		
Acetylene torch	200.00	2,372.99	

Camp Power unit	2,000.00	
Deep Freeze	699.50	
Repair Diamond T	1,500.00	
1500 gallon water tank	400.00	
Pick up ½ ton	1,600.00	
Receiver tank	300.00	
100 gallon steel tank	100.00	18,972.49

f) None

g) $1,000.00 month 6,000.00

h) Supplies:

Powder $300. ton (2 ton)	600.00	
Carbide $10. 100 (200)	20.00	
Fuse 3000' reel $25. (9000')	75.00	
Blasting caps $10. box (5 boxes)	50.00	
Jack bits 500@ 35¢	175.00	
BBacksmith coal $5. 100 (200)	10.00	
Miscellaneous fittings	100.00	
Picks, shovels, bars, wedges, single & double jacks	250.00	
Miscellaneous mine supplies	200.00	1,480.00

i)

25 KW diesel power plant generator fuel	500.00	
Food on contract $1. day per man	2,100.00	
Insurance	1,600.00	
Taxes	2,000.00	5,200.00
		$64,033.29

H Frank Herman

Amendment to Form MF 103 -- DMA-1728X

21. Map will show proposed work.
    a) In "Queen of Sheba" continue from Crosscut #2 approximately 200 feet of drifting and crosscutting.
    b) From crosscut #2 raise to and through crosscut #3 approximately 100 feet.
    c) From crosscut #2, new section, raise 40 feet.
    d) From Crosscut #2 winz to crosscut #1 35 feet.
    e) From crosscut #3 25 foot drift.
    f) In "Lead Pipe" sink 100 foot shaft.
    g) From shaft drift 100 feet each way.
    h) Trench around "Lead Pipe" wherever indidations of ore.

Estimated time approximately six months.

22. Basis for believing we will encounter ore:
    a) Surface indications -- outline of ore bodies.
    b) Geological structure same as Anaconda Copper Co.'s at Darwin and Tocopah, Calif.
    c) In the "Lead Pipe" there is a 30 foot shaft with ore all the way.
    d) In the "Queen of Sheba" drifts are in ore.

23. a) Labor:

Mill Foreman @ $1.65 hr.		$2,230.80	
3 Miners, 3 Muckers, 3 Trammers, 1 Mechanic @ $1.50 hr. plus contract basis		20,280.00	$22,510.80
b) Supervisors:			
Superintendent		2,700.00	
Bookkeeper & Jr. Engineer		1,800.00	
Geologist		3,600.00	8,100.00
c) Repairs:			
Rehabilitate Camp		500.00	
Repair Road		270.00	770.00
d) Construction of additional facilities			
Road to "Lead Pipe."			1,000.00
e) Additional Equipment:			
Compressor		6,000.00	
Cat-Dozer		4,000.00	
Drilling Equipment:			
3 Drifters @ 225.00	675.00		
1 Jackhammer w/shell	150.00		
Steel	172.99		
Hose, 200 ft ea, air and water	240.00		
Hose fittings	75.00		
Oiler & hose	60.00		
Gardaner Denver Tuggar	300.00		
Blacksmith shop equipment; anvils, vices, pipe & bolt dyes.	500.00		
Acetylene torch	200.00	2,372.99	

Camp Power unit	2,000.00	
Deep Freeze	699.50	
Repair Diamond T	1,500.00	
1500 gallon water tank	400.00	
Pick up ½ ton	1,600.00	
Receiver tank	300.00	
100 gallon steel tank	100.00	18,972.49
f) None		
g) $1,000.00 month		6,000.00
h) Supplies:		
Powder $300. ton (2 ton)	600.00	
Carbide $10. 100 (200)	20.00	
Fuse 3000' reel $25. (9000')	75.00	
Blasting caps $10. box (5 boxes)	50.00	
Jack bits 500@ 35¢	175.00	
BBacksmith coal $5. 100 (200)	10.00	
Miscellaneous fittings	100.00	
Picks, shovels, bars, wedges, single & double jacks	250.00	
Miscellaneous mine supplies	200.00	1,480.00
i) 25 KW diesel power plant generator fuel	500.00	
Food on contract $1. day per man	2,100.00	
Insurance	1,600.00	
Taxes	2,000.00	5,200.00
		$64,033.29

J H Frankhermann

Amendment to Form MF 103 -- DMA-1728X

21. Map will show proposed work.
   a) In "Queen of Sheba" continue from Crosscut #2 approximately 200 feet of drifting and crosscutting.
   b) From crosscut #2 raise to and through crosscut #3 approximately 100 feet.
   c) From crosscut #2, new section, raise 40 feet.
   d) From Crosscut #2 winz to crosscut #1 35 feet.
   e) From crosscut #3 25 foot drift.
   f) In "Lead Pipe" sink 100 foot shaft.
   g) From shaft drift 100 feet each way.
   h) Trench around "Lead Pipe" wherever indications of ore.

Estimated time approximately six months.

22. Basis for believing we will encounter ore:
   a) Surface indications -- outline of ore bodies.
   b) Geological structure same as Anaconda Copper Co.'s at Darwin and Tecopah, Calif.
   c) In the "Lead Pipe" there is a 30 foot shaft with ore all the way.
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3 Miners, 3 Muckers, 3 Trammers, 1 Mechanic @ $1.50 hr. plus contract basis		20,280.00	$22,510.80
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Superintendent		2,700.00	
Bookkeeper & Jr. Engineer		1,800.00	
Geologist		3,600.00	8,100.00
c) Repairs:			
Rehabilitate Camp		500.00	
Repair Road		270.00	770.00
d) Construction of additional facilities			
Road to "Lead Pipe."			1,000.00
e) Additional Equipment:			
Compressor		6,000.00	
Cat-Dozer		4,000.00	
Drilling Equipment:			
3 Drifters @ 225.00	675.00		
1 Jackhammer w/shell	150.00		
Steel	172.99		
Hose, 200 ft ea, air and water	240.00		
Hose fittings	75.00		
Oiler & hose	60.00		
Gardener Denver Tuggar	300.00		
Blacksmith shop equipment; anvils, vices, pipe & bolt dyes.	500.00		
Acetylene torch	200.00	2,372.99	

Camp Power unit	2,000.00	
Deep Freeze	699.50	
Repair Diamond T	1,500.00	
1500 gallon water tank	400.00	
Pick up ½ ton	1,600.00	
Receiver tank	300.00	
100 gallon steel tank	100.00	18,972.49

f) None

g) $1,000.00 mo. 6,000.00

h) Supplies:

Powder $300. ton (2 ton)	600.00	
Carbide $10. 100 (200)	20.00	
Fuse 5000' reel $25. (9000')	75.00	
Blasting caps $10. box (5 boxes)	50.00	
Jack bits 5000 35¢	175.00	
BBacksmith coal $5. 100 (200)	10.00	
Miscellaneous fittings	100.00	
Picks, shovels, bars, wedges, single & double jacks	250.00	
Miscellaneous mine supplies	200.00	1,480.00

i)

25 KW diesel power plant generator fuel	500.00	
Food on contract $1. day per man	2,100.00	
Insurance	1,600.00	
Taxes	2,000.00	5,200.00
		$64,033.29

Frank Meinn

Amendment to Form MP 103 -- DMA-1728X

21. Map will show proposed work.
   a) In "Queen of Sheba" continue from Crosscut #2 approximately 200 feet of drifting and crosscutting.
   b) From crosscut #2 raise to and through crosscut #3 approximately 100 feet.
   c) From crosscut #2, new section, raise 40 feet.
   d) From Crosscut #2 wing to crosscut #1 35 feet.
   e) From crosscut #3 25 feet drift.
   f) In "Lead Pipe" sink 100 feet shaft.
   g) From shaft drift 100 feet each way.
   h) Trench around "Lead Pipe" wherever indications of ore.

Estimated time approximately six months.

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   c) In the "Lead Pipe" there is a 30 foot shaft with ore all the way.
   d) In the "Queen of Sheba" drifts are in ore.

23.

a) Labor:			
Mill Foreman @ $1.65 hr.		$2,230.80	
3 Miners			
3 Muckers	@ $1.50 hr.		
3 Trammers	plus contract basis	20,280.00	$22,510.80
1 Mechanic			
b) Supervisors:			
Superintendent		2,700.00	
Bookkeeper & Jr. Engineer		1,800.00	
Geologist		3,600.00	8,100.00
c) Repairs:			
Rehabilitate Camp		500.00	
Repair Road		270.00	770.00
d) Construction of additional facilities Road to "Lead Pipe."			1,000.00
e) Additional Equipment:			
Compressor		6,000.00	
Cat-Dozer		4,000.00	
Drilling Equipment:			
5 Drifters @ 225.00	675.00		
1 Jackhammer w/shell	150.00		
Steel	172.99		
Hose, 200 ft ea, air and water	240.00		
Hose fittings	75.00		
Oiler & hose	60.00		
Gardener Denver Tugger	300.00		
Blacksmith shop equipment; anvils, vices, pipe & bolt dies.	500.00		
Acetylene torch	200.00	2,372.99	

Camp Power unit	2,000.00	
Deep Freeze	699.50	
Repair Diamond T	1,800.00	
1600 gallon water tank	400.00	
Pick up ½ ton	1,600.00	
Receiver tank	300.00	
100 gallon steel tank	100.00	18,978.49

f) None

g) $1,000.00 month 6,000.00

h) Supplies:

Powder $300. ton (2 ton)	600.00	
Carbide $10. 100 (200)	20.00	
Fuse 3000' reel $25. (9000')	75.00	
Blasting caps $10. box (5 boxes)	50.00	
Jack bits 5000 35¢	175.00	
Blacksmith coal $5. 100 (2000)	10.00	
Miscellaneous fittings	100.00	
Picks, shovels, bars, wedges, single & double jacks	250.00	
Miscellaneous mine supplies	200.00	1,480.00

i)

25 KW diesel power plant generator fuel	500.00	
Food on contract $1. day per man	2,100.00	
Insurance	1,600.00	
Taxes	2,000.00	5,200.00
		$64,033.29

J H Frankheimer

H. Frank Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

May 24, 1951

The Defense Minerals Administration
Department of the Interior
Washington 25, DdC.

Gentlemen:

Enclosed find a rough sketch of the "Queen of Sheba" Mine. Also a map of the "Carbonate" Mine. Please return the "Carbonate" Mine map when it has served your purpose.

Very truly yours,

H. Frank Neiman

H. Frank Neiman

Refer to	Noted	Date
Answered		

Dma-1728X

DEPARTMENT OF INTERIOR
BUREAU OF MINES
MOLOY
RECEIVED
AUG 6 1951
SAN FRANCISCO, CALIFORNIA

H. Frank Neiman
211 S. Arnaz Dr.
Beverly Hills, Calif.

June 21, 1951

The Defense Minerals Administration
Department of the Interior
Washington 25, D.C.

Gentlemen:

I just arrived home today from the mine, and have found the letter I have written on May 24 and mailed on May 26 has been returned for non-sufficient postage.

I am sorry that I did not put an additional three cents postage on. And I will appreciate if you will overlook same. Your cooperation in accepting this application will be very much appreciated.

Enclosed please find our application together with an envelope of proof that this has been mailed May 26.

Very truly yours,

H. Frank Neiman

H. Frank Neiman

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1728X

Date received 6/25/51

H. Fra nk Neima n 211 S. Arnaz Dr. Beverly Hills, California
L. Neima n " " "

DEPARTMENT OF INTERIOR
BUREAU OF MINES
MOV 1
RECEIVED
AUG -1 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 24, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

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

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

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

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

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral dep[illegible] briefly. Accompany the application by any [illegible]ilable report on the geology and ore reserves.

FORM MF-100

1.
(a) Lead
(b) Silver

2. Name - Queen of Sheba and Carbonate
Type - Tunnel
Mill - Flotation, gravity
Old Name - Former Sutherland Divide Property
(a) No shafts
(b) Linear feet of drifts and crosscuts 275
(c) Linear feet of tunnels 290
(d) Linear feet of other mine openings - Carbonate has raise from middle to surface. Considerable stopping on raise and opne cut mine on surface.
Mine not flooded.

3.
(a) 44 miles to Shoshone
(b) Gold Hill Mining District
(c) T 1, R 22, SBM
(d) Inyo County, California

4.
(a) Property not in operation now.
(b) Operating as Lessee

5. Considerable production from Carbonate Mine. Two years production from Queen of Sheba off and on.
Estimated date when production will begin is six months.

6. Experienced associates. Applicant has extensive business experience.

7. History
(a) Working s on the Carbonate Mine brought out approximately $300,000.00 worth of ore. Little has been done on the Queen of Sheba to date, However, ore of this grade usually lies in very large bodies. Operations suspended because they had trouble obtaining water. Engineers drilled for and hit a large underground river flowing below the floor of the valley. This well is pumping 80 gallons per minute, which is more than sufficient to operate the concentrating mill at the mine. Capacity of the mill is about 100 tons per day which can be upped to 150 ton with slight additional equipment. These expenditures exhausted their source of money, and they were forced to suspend operation.
(b) Anaconda Copper Mining Co. at Tocopahhhas similar formation.
(c) Report by B.C. Austin, Mining Engineer, states ore bodies of the Queen of Sheba and Carbonate mines are quite extensive, and an estimate of 70,000 tons is conservative. Although the grade of ore is estimated at 7 to 8% lead there are numerous hot spots occurring which may bring the average lead content much above the estimated grade.

Partners

H. Frank Neiman - 211 S. Arnaz Dr. Beverly Hills, California

I. Neiman - Same

10. Not in operation.

11. Expected production to start operation - 75 ton basis.

12. Ore deposit - Fracture in Limestone in replaced area. Both vein and disseminated mineralization.

Total ore or Mineral Reserve

	estimated tons	percent	gross val. per ton
Indicated	75,000	9 or 10% lead	$135.00

Recoverable Unit Val. per ton.	Estimated Cost of Production per ton.
90%	$19.00

13. Roads - 115 miles to railroad at Dunn; good roads.

14. Well at base pumps 80 gallons per minute year round, while in operation.

15. Generate our own power.

16. Sufficient.

17. GMC Twin 6 Diesel Power Plant Series 71 G.E. 200 KW 250 KVA 3 ph 60/450v GEDC Generator 40KW wh Exciter Power Panel GE Transformer 460-115v, American Continuous Filter complete, Many Pumps, 40x9ft steel tank thickener, Steel Agitator Mixing tank,complete, Dorr Classifier, Sulphate mixing tank w agitator, Allis Chalmers 10x20 Crusher, Fulton Winch w/ 1220 calbe powered, conveyor belts etc, ore cars, rails, pipes, buildings, Sullivan Air Tuggar Hoist, Tanks Ball Mill Balls etc. Installation is well done, and most of the equipment is first class.

18. Too hot to work in summer time.

H Frank Neiman,
Partner

May 24, 1951

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

(Name of company)

By H Frank Memon
(Signature of authorized official)

May 24, 1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Plate 3 Looking southwest from portal of lower tunnel of Carbonate Mine. Queen of Sheba Mine at upper right, mill in center, camp at left.

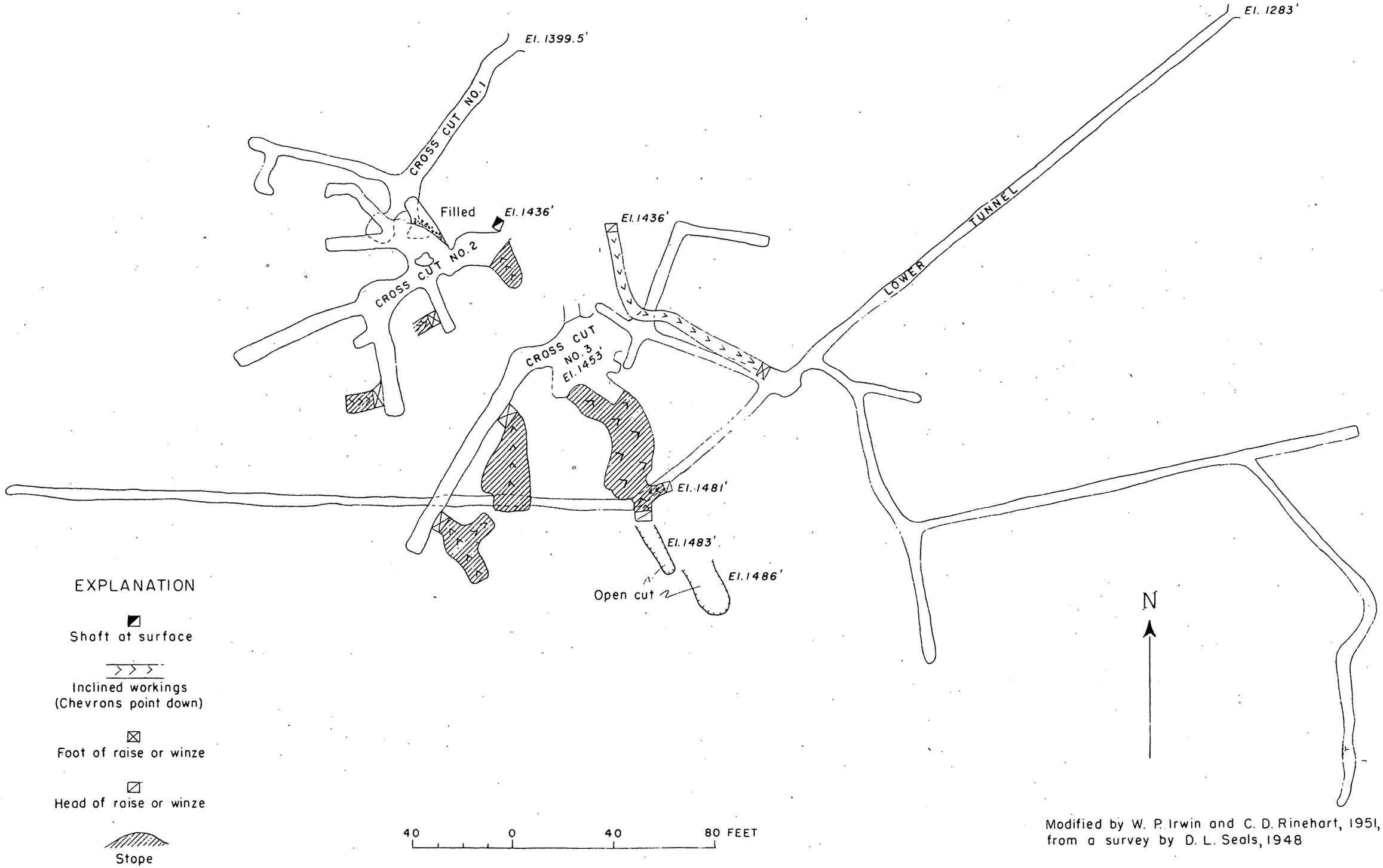
Plate 4 View of Carbonate Mine, looking northwest from camp. Showing approximate location of gently dipping contact between dolomite and diabase.

4

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Plate I.

DMA-1728X
(LEAD-ZINC-SILVER)

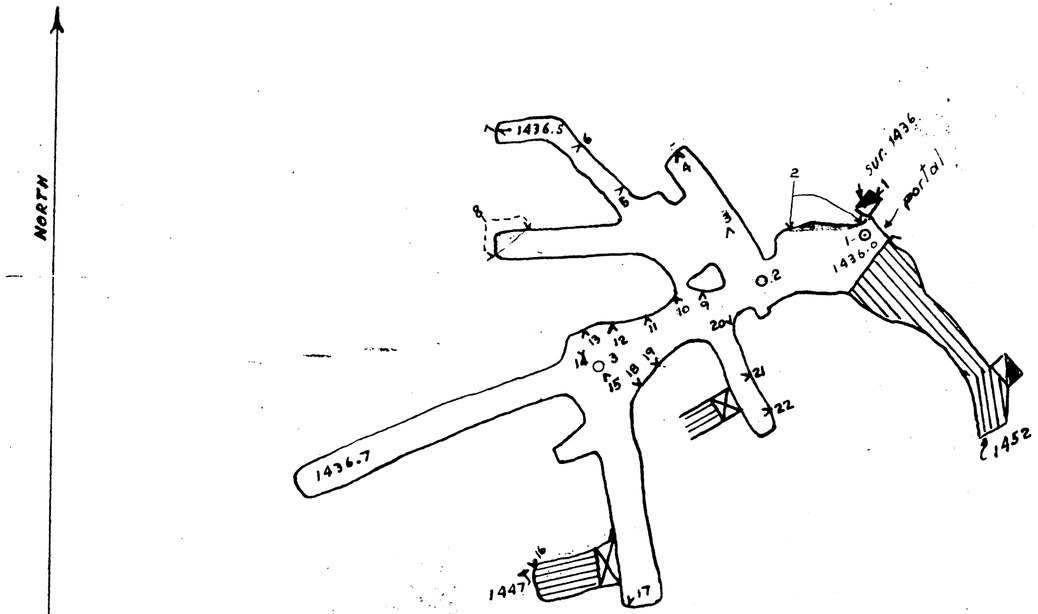


Modified by W. P. Irwin and C. D. Rinehart, 1951,
from a survey by D. L. Seals, 1948

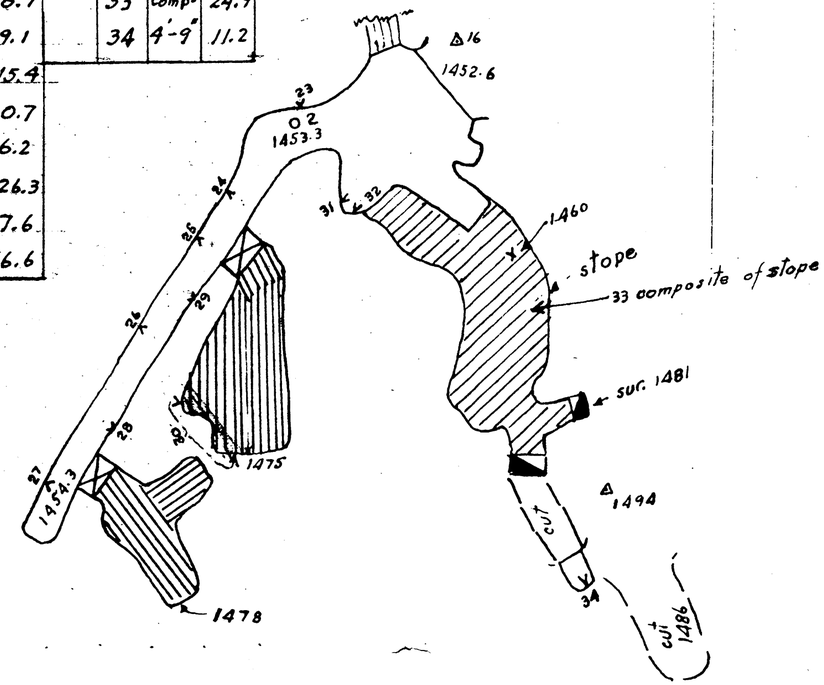
COMPOSITE MAP OF UNDERGROUND WORKINGS OF THE QUEEN OF SHEBA MINE, INYO COUNTY, CALIFORNIA

May 1944 - Feb. 1945 - Aug. 1948

Sample No.	Width	% Lead	Sample No.	Width	% Lead	Sample No.	Width	% Lead
1	7'-0"	7.7	21	3'-5"	22.8	31	5'-0"	9.1
2	16'-0"	12.3	22	5'-5"	21.3	32	5'-0"	6.0
3	20'-0"	9.1	23	10'-0"	8.7	33	stope comp.	24.9
4	4'-0"	12.7	24	8'-6"	9.1	34	4'-9"	11.2
5	6'-0"	5.9	25	7'-0"	15.4			
6	5'-0"	19.1	26	7'-0"	0.7			
7	3'-2"	Tr.	27	2'-6"	6.2			
8	4'-6"	10.8	28	2'-0"	26.3			
9	5'-0"	8.0	29	7'-6"	7.6			
10	5'-0"	13.3	30	4'-6"	6.6			
11	5'-0"	5.6						
12	5'-0"	5.3						
13	5'-0"	8.1						
14	7'-0"	5.0						
15	100' comp.	13.2						
16	5'-6"	4.1						
17	8'-0"	1.5						
18	5'-0"	5.7						
19	5'-0"	3.6						
20	5'-0"	23.6						



CROSS CUT No. 2



CROSS CUT No. 3

Scale 1 inch = 20 feet

ASSAY MAP
QUEEN OF SHEBA MINE
Sample mark = ∧

H. Frank Neiman
211½ S. Arnaz Dr.
Beverly Hills, Calif.

December 13, 1951

Mr. Tom Lyon, Director
Supply Divsion
United States Department of the Interior
Defense Minerals Administration
Washington 25, D.C.

Re: Docket DMA-1728

Dear Mr. Lyon:

I wrote you a letter November 19th requesting that you advise me whether you would suggest an open pit operation for our mine, and what the assays of the samples your Geologists revealed. Also whether we could apply to the RFC or some other Government agency for a loan on a repayment or someother plan.

I would greatly appreciate hearing from you on the above at your earliest convenience.

Very truly yours,

H Frank Neiman

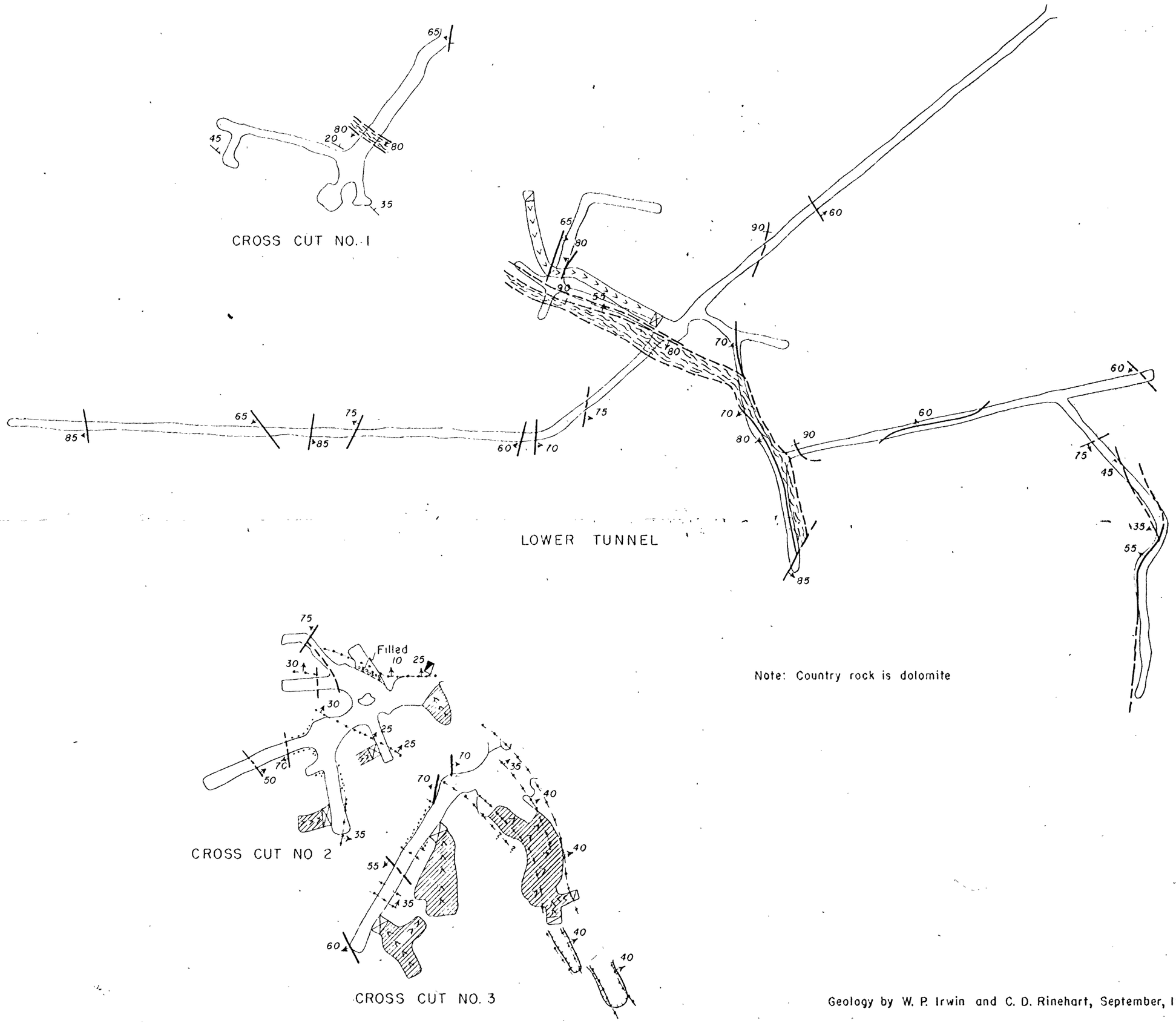
H. Frank Neiman

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 17 1951

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Plate 2.

DMA-1728X
(LEAD--ZINC-SILVER)



Note: Country rock is dolomite

EXPLANATION

Fault, showing dip (Dashed where approximately located)

Vertical fault

Fault zone

Strike and dip of beds

Bedding-plane replacement body, showing dip (Dashed where approximately located)

Area of minor replacement

Shaft at surface

Inclined workings (Chevrons point down)

Foot of raise or winze

Head of raise or winze

Stope

Open cut

N

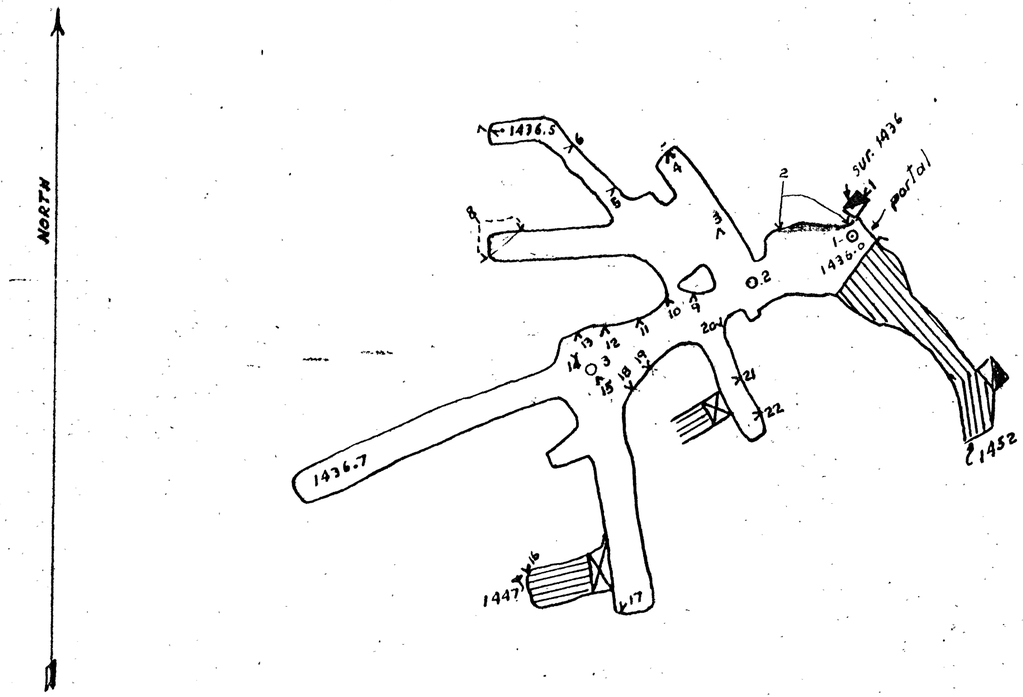
Geology by W. P. Irwin and C. D. Rinehart, September, 1951

GEOLOGIC MAPS OF UNDERGROUND WORKINGS OF THE QUEEN OF SHEBA MINE, INYO COUNTY, CALIFORNIA

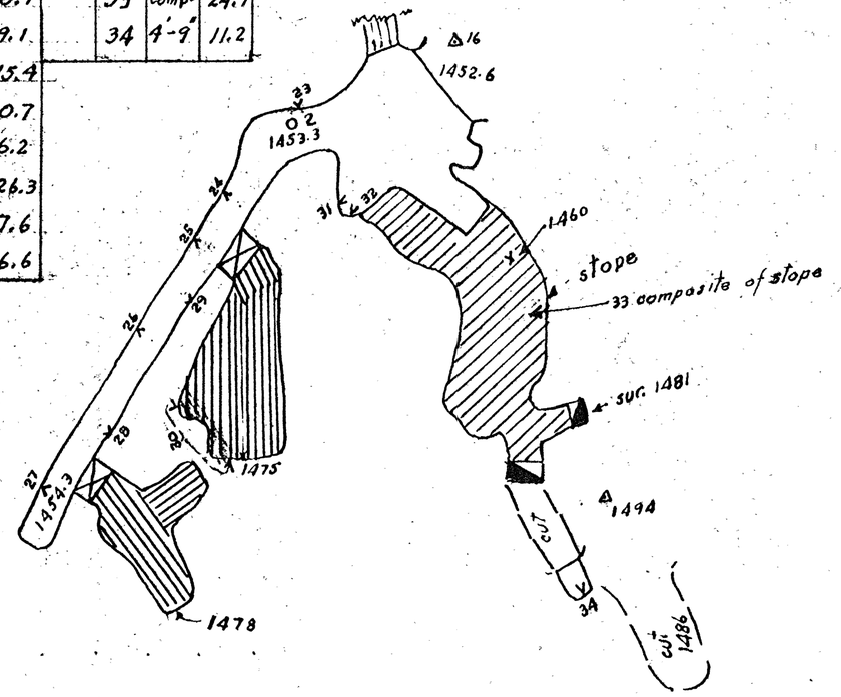
40 0 40 80 120 FEET

May 1944 - Feb. 1945 - Aug. 1948

Sample No.	Width	% Lead		Sample No.	Width	% Lead		Sample No.	Width	% Lead
1	7'-0"	7.7		21	3'-5"	22.8		31	5'-0"	9.1
2	16'-0"	12.3		22	5'-5"	21.3		32	5'-0"	6.0
3	20'-0"	9.1		23	10'-0"	8.7		33	stope comp.	24.9
4	4'-0"	12.7		24	8'-6"	9.1		34	4'-9"	11.2
5	6'-0"	5.9		25	7'-0"	15.4				
6	5'-0"	19.1		26	7'-0"	0.7				
7	3'-2"	Tr.		27	2'-6"	6.2				
8	4'-6"	10.8		28	2'-0"	26.3				
9	5'-0"	8.0		29	7'-6"	7.6				
10	5'-0"	13.3		30	4'-6"	6.6				
11	5'-0"	5.6								
12	5'-0"	5.3								
13	5'-0"	8.1								
14	7'-0"	5.0								
15	comp. 100"	13.2								
16	5'-6"	4.1								
17	8'-0"	1.5								
18	5'-0"	5.7								
19	5'-0"	3.6								
20	5'-0"	23.6								



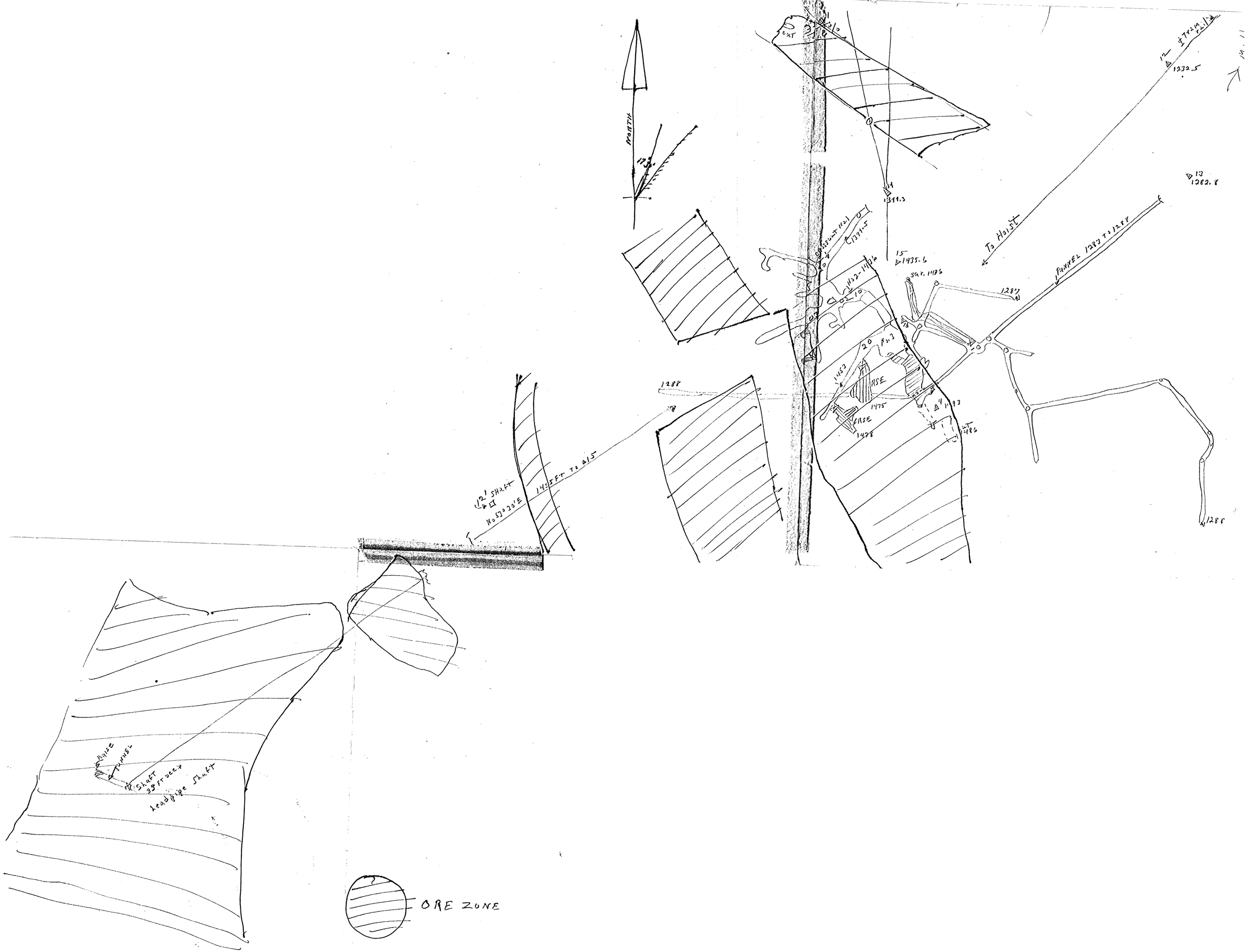
CROSS CUT No. 2



CROSS CUT No. 3

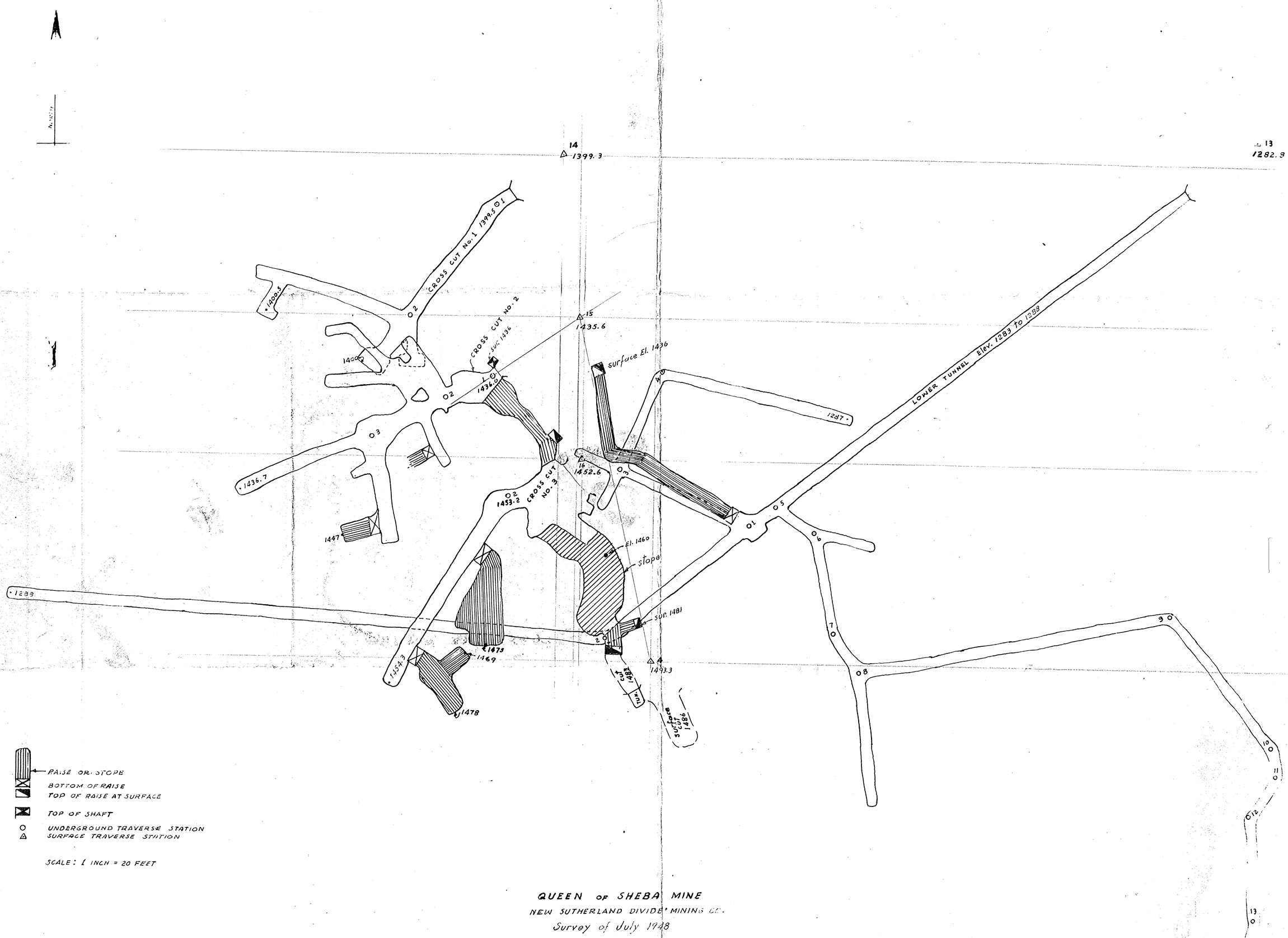
Scale 1 inch = 20 feet

ASSAY MAP
QUEEN OF SHEBA MINE
Sample mark = ^



(Rough sketch of only) —— Queen of Sheba - survey 1948

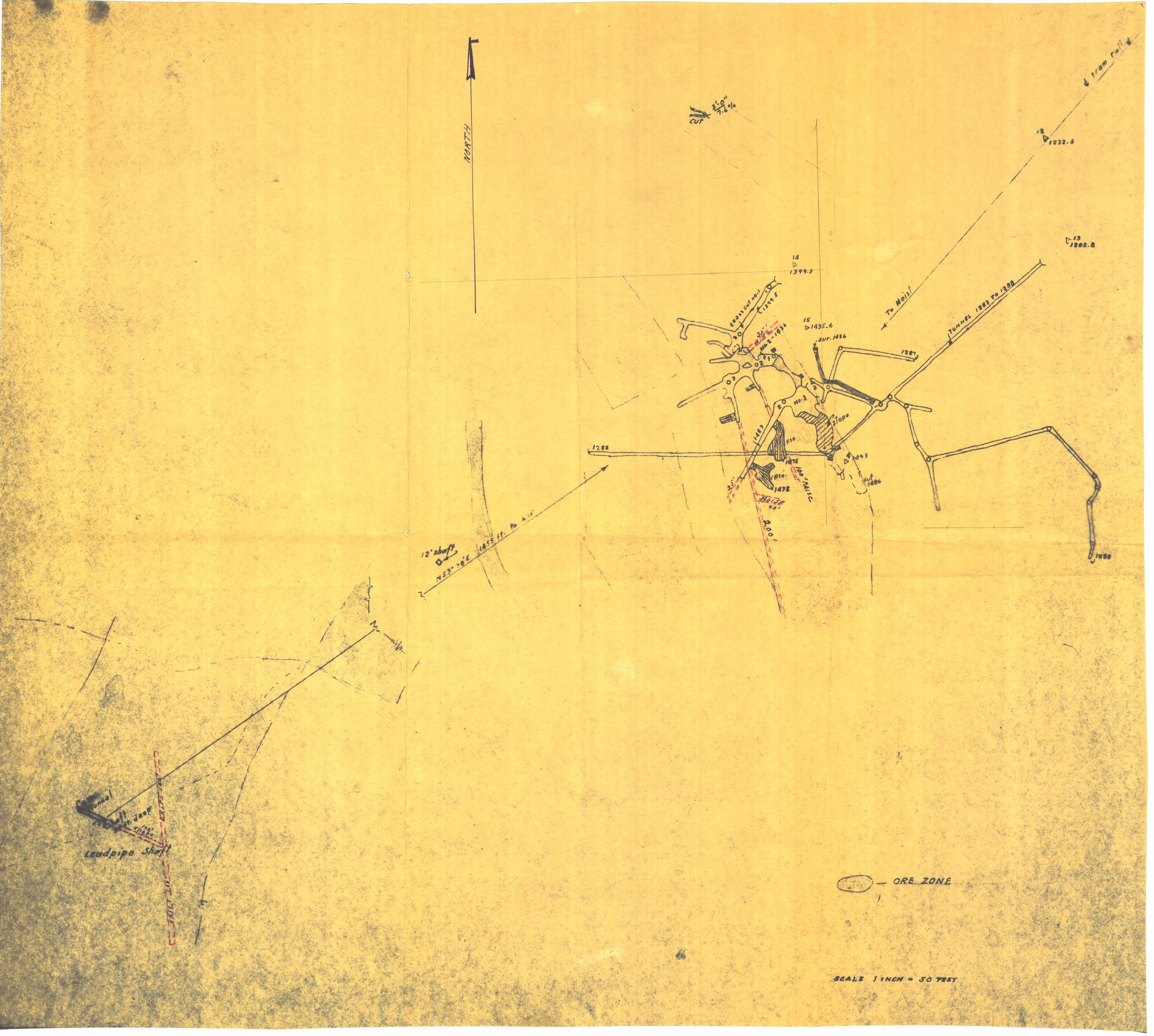
SCALE 1" = 50 FT.

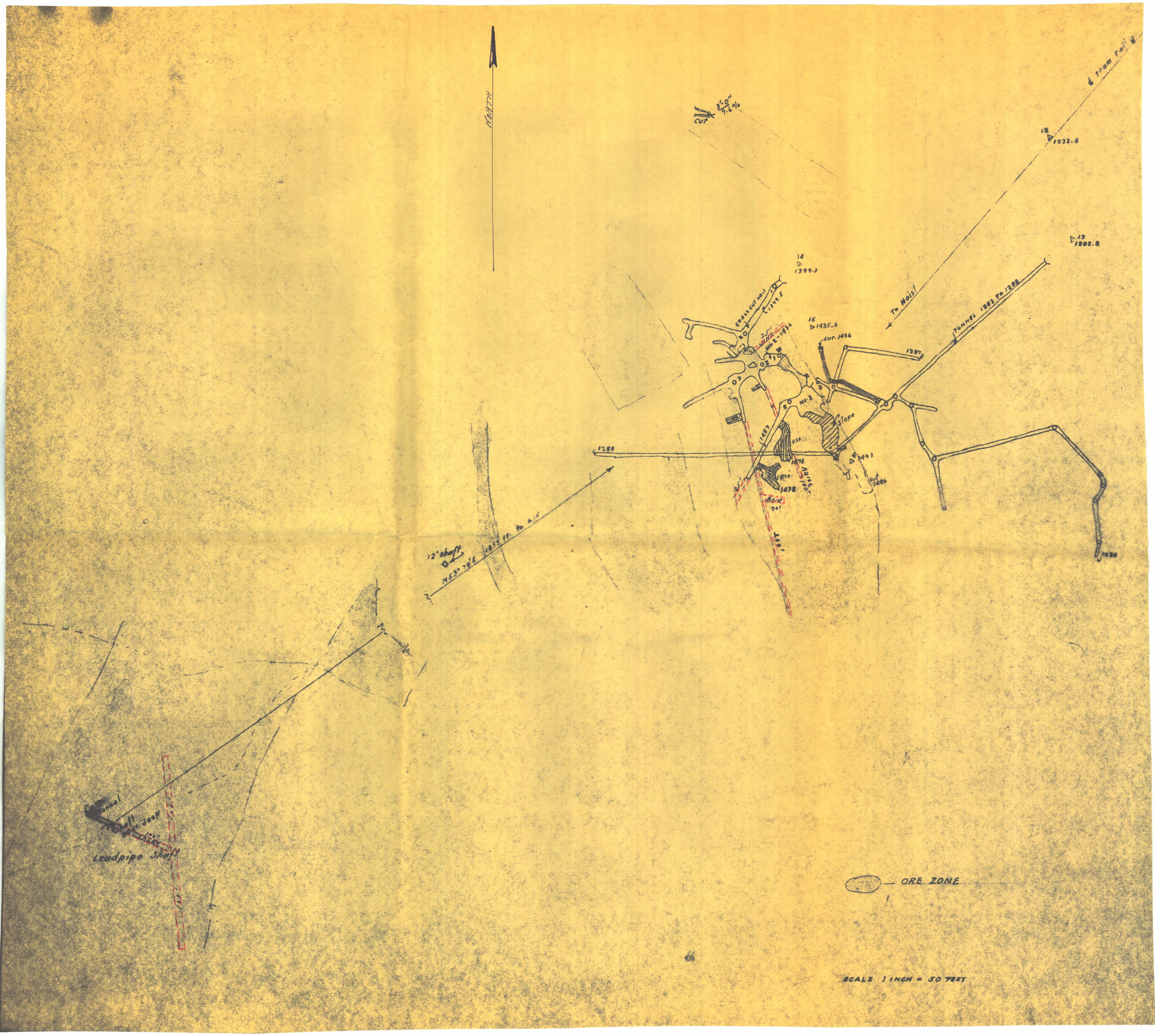


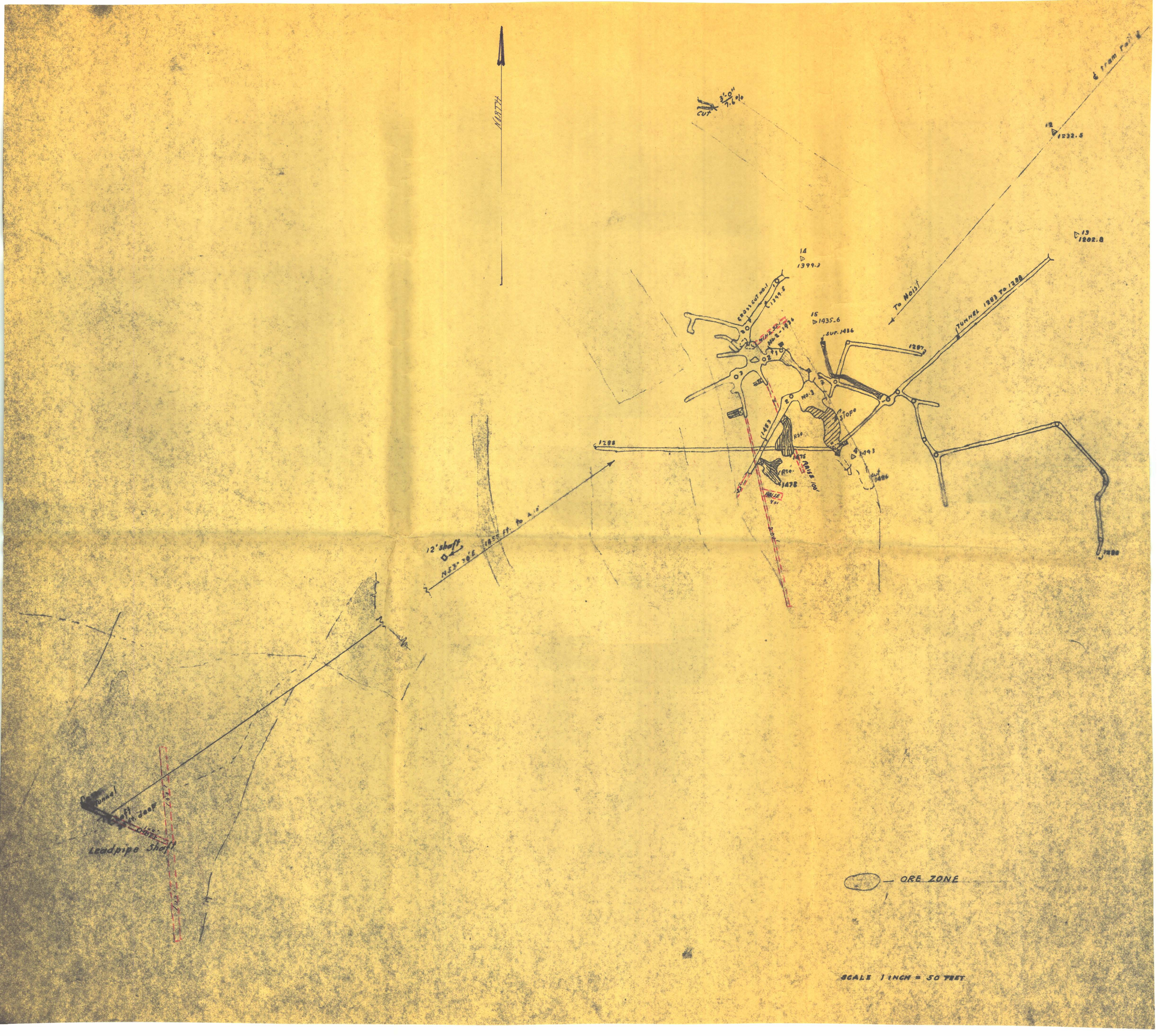
QUEEN OF SHEBA MINE

NEW SUTHERLAND DIVIDE MINING CO.

Survey of July 1948


NORTH
cut
2'-0"
7.6 o/o
12
1232.5
13
1202.8
14
1399.3
15
1435.6
sur. 1436
To Hoist
Tunnel 1283 to 1288
tram rail
cross cut No.1
1399.5
No.2 - 1436
No.3
Stope
1207
1288
1483
1476
1478
1493
100 raise
cut 1486
raise No.1
200'
12' shaft
N53°-30'E 1855 ft. to A15
Tunnel
Shaft
Leadpipe Shaft
ORE ZONE
SCALE 1 INCH = 50 FEET


NORTH
cut
3'-0"
7.6 o/o
12
1232.5
13
1202.8
14
1399.3
15
1435.6
tram rail
To Hoist
TUNNEL 1283 TO 1288
CROSS CUT No.1
1399.5
No.2 - 1436
SUR. 1436
1287
No.3
STOPE
1453
1288
1493
1476
1478
cut
1486
12' shaft
N53° 30'E 1855 ft. to A.15
Leadpipe Shaft
ORE ZONE
SCALE 1 INCH = 50 FEET


NORTH
CUT
3'-0"
7.6 o/o
& tram rail
12
1232.5
13
1202.8
14
1399.3
15
1935.6
To Hoist
TUNNEL 1283 To 1288
CROSS CUT No.1
1399.5
SUR. 1436
1287
No.3
Slope
1288
1493
1486
1478
RAISE 100'
12' shaft
N53° 30'E 1855 ft. to A.10
Tunnel
Leadpipe Shaft
ORE ZONE
SCALE 1 INCH = 50 FEET