Bldg. 20, Denver Federal Center
Denver, Colo. 80225
GEOLOGICAL SURVEY

August 19, 1965

Memorandum

To: Chief, OME
Geological Survey
Washington, D. C. 20240

From: Acting Field Officer, OME, Region III

Subject: Report of Examination
OME-6417
Idumea Limited
Tooele County, Utah

Attached are the original and one copy of my report of examination on the subject property.

Also enclosed are five copies of a claim map, tied to a section corner and showing the location of the proposed holes.

ORIGINAL SIGNED BY

Hugh M. Connors

H.M.C. (8-19-65)
cc: Chief, OME
M. H. Salsbury
6417
Chron

REPORT OF EXAMINATION

REGION III

OME-6417

IDUNEA LIMITED

Erickson Mining District

Tooele County, Utah

Silver

Engineering and Geologic Report

by

Hugh M. Connors

August 17, 1965

CONTENTS

	Page
Introduction and Summary	1
Acknowledgments	1
Location, Topography, and Climate	2
History and Production	3
Ownership and Extent	4
Geology	4
Proposed Exploration	5
Conclusions and Recommendations	5

ILLUSTRATIONS

Figure		Follows page
1	Location Map OME-6417	1

OME-6417
IDUMEA LIMITED
Erickson Mining District
Tooele County, Utah

INTRODUCTION AND SUMMARY

On January 29, 1965, Glenn H. Thomas applied for OME assistance in a drilling project on the Idumea claims located in the Erickson Mining District, Tooele County, Utah. Mr. Thomas advised on February 3, 1965 that the Applicant should be Idumea Limited, 6715 Lederer Avenue, Canoga Park, California. The address was changed on June 15, 1965 to P. O. Box 151, Encino, California.

The project consists of 900 feet of diamond drilling in three holes, each hole estimated to be 300 feet deep, to test the Lee fault for a possible replacement type silver ore deposit.

The property was visited July 6, 1965, in company with Glenn H. Thomas, the original Applicant.

There are 18 contiguous unpatented lode mining claims in the Idumea group which straddle the Lee fault. This fault zone contains large amounts of silica which it is claimed is similar to that of the O.K. Silver Mining and Milling Company property which was a silver producer in this district.

A definite target area exists in the property but there is no definite proof that there is silver mineralization in this target area. This is a geologic long shot but if OME policy permits I believe it is well worth the low estimated cost.

ACKNOWLEDGMENTS

Data on the property were furnished by Glen H. Thomas, one of the Applicants, who accompanied the Field Examiner to the claims.

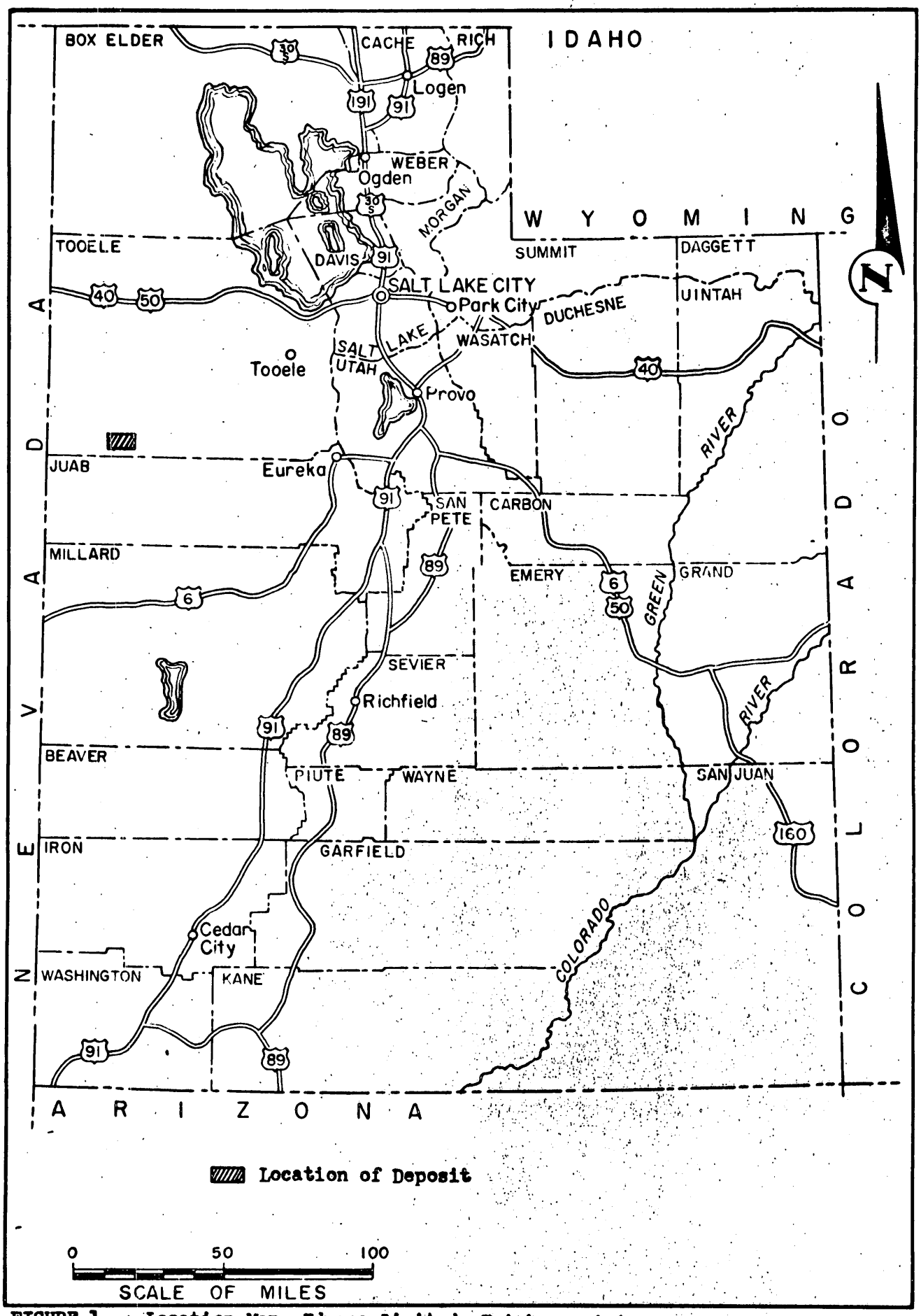


FIGURE 1. - Location Map, Idumea Limited, Erickson Mining District, Toole County, Utah. OME-6417

Mr. Thomas had geologized this area for the Bear Creek Mining Company in 1958. According to Mr. Thomas, Bear Creek Mining Company found nothing of interest to them in the district and they gave him permission to use all of the information he had assembled on this area for his Doctor's degree.

Mr. Thomas is presently a teacher of geology and engineering in a California college.

LOCATION, TOPOGRAPHY, AND CLIMATE

The northwest corner of this block of claims is located approximately 1,000 feet east and 2,100 feet south of the section corner shared in common by sections 34 and 35 of T 9 S, R 8 W, and sections 1 and 2 of T 10 S, R 8 W, S.L.M., Erickson Mining District, Tooele County, Utah.

The region is hilly but drilling sites can be reached by bulldozing one mile of road in gently rolling terrain. Vegetation on the semi-arid land is sparse. The winters are generally mild and year around surface operations are usually feasible.

Water for drilling purposes could be hauled from a small creek about five miles from the property.

The nearest settlement is Vernon, Utah (population 255) which is about 30 miles east. The main access road is the Simpson Springs-Callao gravel road which passes over the Sheeprock Range via Lookout Pass between the Simpson Mountains and Vernon. The nearest railroad is the Southern Pacific which is about 35 miles from the property. Drill crews would probably live in house trailers at the property.

HISTORY AND PRODUCTION

No exploration work has ever been done on the Idumea claims and there has been no production. The nearest known production was from the O.K. Silver Mining and Milling Company properties which are within one half mile of the Idumea claims.

Confidential production records of the Bureau of Mines show the following production from the O.K. Silver Mining and Milling Company property:

Year	Dry tons ore	Gold oz. recovered	Silver oz. recovered	Lead pounds
1916	169	28.53	47,289	256
1917	35	9.29	2,868	-
1919	19	4.50	651	-
1934	4	.80	73	460
1935	122	11.25	2,707	2,362
1936	544	26.60	13,561	-
1937	308	21.00	3,660	-
1939	79	7.00	1,009	-
Total	1,280	108.97	71,818	3,078

The average silver content of this ore was 56.11 ounces per ton.

OWNERSHIP AND EXTENT

The property consists of 18 unpatented lode mining claims in one contiguous group known as Idumea. The Idumea Group comprises a block of land about 1,800 feet by 9,000 feet covering approximately 360 acres. The Applicant states that he is the owner of the claims and that the Book and Page Number for each location notice is recorded in the Tooele County Courthouse as follows:

IDUMEA 1,	Book 44 of records,	Page 192
IDUMEA 2,	Book 44 of records,	Page 193
IDUMEA 3,	Book 44 of records,	Page 194
IDUMEA 4,	Book 46 of records,	Page 193
IDUMEA 5,	Book 46 of records,	Page 194
IDUMEA 6,	Book 46 of records,	Page 192
IDUMEA 7,	Book 46 of records,	Page 190
IDUMEA 8,	Book 46 of records,	Page 190
IDUMEA 9,	Book 46 of records,	Page 189
IDUMEA 10,	Book 46 of records,	Page 188
IDUMEA 11,	Book 46 of records,	Page 187
IDUMEA 12,	Book 46 of records,	Page 186
IDUMEA 13,	Book 46 of records,	Page 185
IDUMEA 14,	Book 46 of records,	Page 184
IDUMEA 15,	Book 46 of records,	Page 183
IDUMEA 16,	Book 46 of records,	Page 182
IDUMEA 17,	Book 46 of records,	Page 181
IDUMEA 18,	Book 46 of records,	Page 180

GEOLOGY

The Idumea claims straddle the Lee fault which strikes about due North and is presumed to have a vertical dip. The Lee fault has placed Ordovician and Silurian dolomites against Cambrian limestones. Large amounts of white bull quartz have been introduced along the fault and silica has replaced the adjacent dolomite beds on the west side of the fault.

The Indian Springs fault and its branches contain this same type quartz associated with the silver ore mined by the O. K. Silver Mining and Milling Company, according to the Applicant.

A definite target area exists in the property but we have no definite proof that mineralization containing silver exists in that target area. We have proof that in this district silver did occur apparently under the same geologic conditions.

PROPOSED EXPLORATION

The Applicant proposes to drill three BX size holes, a total of 900 feet of drilling, to test the Lee fault for a replacement type silver deposit. Because the dip of the Lee fault is not known the inclination and depth of the second and third drill holes may be changed.

In the event a contract is given I recommend that the Boyles Bros. bid be accepted if their firm price is not changed greatly from their quotation of December 14, 1964 and drilling to be on at least a two shift per day basis.

The water haul would probably average 20 miles per day at 12¢ per mile plus the monthly charge of $210.00.

CONCLUSIONS AND RECOMMENDATIONS

The Applicant is an experienced geologist who has spent a great deal of time and study in this area. He has come up with this geologic long shot which I believe has some merit because all concerned will get greater value received than the small amount of money it will cost.

If it is CMR policy to participate in exploration where a known target area exists but there is no definite proof of silver mineralization I recommend a contract for drilling at least three holes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C.

OME
DEPARTMENT OF THE INTERIOR
SEP 9 1965
REGION III
DENVER, COLORADO

Mr. Glenn H. Thomas
c/o Kenworthy & Associates
P. O. Box 151
Encino, California

Re: OME-6417 (Silver)
Idumea Limited
Idumea Claims
Tooele County, Utah

Dear Mr. Thomas:

Careful study of the subject application and other information available to us indicates that the possibility of making a significant discovery of silver on your property is not sufficiently promising to justify Government participation in your proposed exploration. Under the circumstances, we regret to advise that your application is denied.

Sincerely yours,

(signed) FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

FEJohnson/bih/gla (8-31-65)
cc to: Division File
Director's Reading File
Economic Geology File
OME File
OME Reading File
OME Region III
Mr. Selfridge
120M

OME Region III

OCT 4 - 1965

Mr. Glenn M. Thomas
c/o Kenworthy and Associates
P.O. Box 151
Encino, California

Re: OME-6417 (Silver)
Idumea Limited
Idumea Claims
Tooele County, Utah

Dear Mr. Thomas:

In response to your letter of September 13, 1965, addressed to Stewart L. Udall, Secretary of the Interior, a review has been made of your denied application for financial assistance in mineral exploration.

This review reveals that the possibility of making a significant discovery of silver on your property by the proposed work is not sufficient to justify Government participation in your proposal. The reasons for the denial of your application were given in Mr. Johnson's letter to you of September 22, 1965, which also enclosed a copy of your report on the proposal and two maps submitted with your application.

Your interest in exploration for new sources of silver is greatly appreciated, and we sincerely regret that we were unable to be of assistance to you in this instance.

Sincerely yours,

W. P. Pecora

Director

FKJohnson/bih 9/24/65
cc to: ~~Directorate~~
General files
Division file
Director's ~~reading~~ chron file
Economic Geology file
OME file
OME reading file
OME Region III

167211

M65

Sept. 13, 1965

Mr. Stewart L. Udall, Secretary
United States Department of Interior
Washington 25, D.C.

Dear Mr. Udall,

It is because I feel an unjust policy is being pursued by some of your staff, that I feel any justification for taking the time of a man of your station. However sometimes feedback from the lower level makes a better working policy in the future.

The injustice I would like to bring to your attention is the denial of exploration assistance by the Office of Mineral Exploration to a silver prospect which I feel has excellent merit. We have spent eleven months corresponding and complying with requests made by the OME in Denver in order to make an acceptable application. This did not take in the time spent in geologic investigations and obtaining control of the land prior to our making application. We have made the required map surveys, shown the property to OME examiners, submitted drilling bids, etc.

Although the total cost of exploration is under $20,000 the possibilities of silver ore development could reach a maximum value in the order of 20 to 50 million dollars gross. The area is located in the Basin and Range province about halfway between Ingham and Tintic mining districts in Utah. The ore association with massive amounts of introduced silica is more like the Tintic jasperoid and associated lead silver deposits. The massive silica has been overlooked in the past as prospecting ground because it has been assumed the silica was not introduced but sedimentary in origin; but fossil and structural evidence show that great beds of dolomite have been completely replaced by introduced silica. Small mining ventures in the last century obtained high grade silver ore from other nearby silica veins near the massive beds of silica, but no drilling or other exploration has been done on the massive silica area itself.

I think the massive silica area should be drilled to find possible associated silver ore bodies. The OME does not think this promising enough. It is my understanding the policy of the government in its silver exploration support, is to underwrite prospects of this type; those that are too much of a risk for private capital but have substantial possibility of commensurate return.

If this prospect (OME 6417) had any better possibilities it would be easy to get private capital. Therefore I feel the policy of the OME is somewhat inconsistant in this case.

157211

Sept. 13, 1965

I would request that you instigate [illegible] 215 and 147. In the event this cannot be done, in your judgment, [illegible] like to get a copy of the qualifying statement made by the [illegible] ng with all our papers and reports we sent, which that [illegible] is it has no further use. I have made such a request to the [illegible] office in Washington, but I am sure from past experience that this request will not be acted upon too quickly, but if a letter were sent from your office suggesting our request be honored, I'm sure such will be done.

Thank you for considering our case.

Sincerely yours,

Glenn H. Thomas

Glenn H. Thomas
c/o Kenworthy and Associates
P.O. Box 151
Encino, Calif.

Bldg. 20, Denver Federal Center
Denver, Colo. 80225
GEOLOGICAL SURVEY

July 29, 1965

Mr. Glenn H. Thomas
6715 Lederer Avenue
Canoga Park, California

Dear Glenn:

Yesterday I received your "Amended Exhibit A" and answered the letter that accompanied it. My letter gave you all of the information that should properly come from this office.

I was somewhat surprised to find your letter of July 24 addressed to my home. I am always happy to help OME applicants, but it must be done through regular channels.

If you have any further questions regarding your application, please feel free to write me at this office.

Yours very truly,

Hugh M. Connors
Acting Field Officer, OME
Region XII

H.M.C. (7-29-65)
cc: Chief, OME
6417
Chron

OME
DEPARTMENT OF THE INTERIOR
JUL 28 1965
REGION III
DENVER, COLORADO

July 24, 1965

Mr. Hugh M. Connors
1380 Ash St.
Denver, Colorado

Dear Hugh,

I am writing you at your home because I want to ask you some questions not for the record but for advice, if I may.

You should receive at your office with this mailing an "Amended Exhibit A" or our revised cost estimates based on the increase of drilling bids we received, plus an increas in bulldozer costs.

My first question is; how are our chances for having such an increase granted from Washington?

I had to leave Utah before I could personnaly run a line or tie to our claims; but I arranged for a surveyor to do the job and he has taken longer than I expected. So the second question is, can the project application be processed by Washington, pending their receiving our completed map survey?

Hope to hear from you soon on these questions Hugh, and use the self addressed envelope enclosed for your convenience.

Best regards,

Glenn

Glenn H. Thomas
6715 Lederer Ave.
Canoga Park, Calif.

Bldg. 20, Denver Federal Center
Denver, Colo. 80225
GEOLOGICAL SURVEY

July 29, 1965

Mr. Glenn H. Thomas
c/o C. A. Kenworthy & Associates
P.O. Box 151
Encino, California

Re: OME 6417 (Silver)
Idumea Limited
Idumea Claims
Tooele Co., Utah

Dear Mr. Thomas:

Thank you for your letter of July 24, 1965 and the Amended Exhibit A. Your estimated costs for drilling are high due in part to basing them on drilling one shift only at the rate of 15 feet per day. In addition, we do not contribute to the cost of camping equipment and supplies or to wages for an accountant on such a small project.

Your application states that the O. K. Silver Mining and Milling property lies within one-half mile of the Idumea claims. Is this the Silver Reef Mine shown on your map? Records show production from the "O. K. Silver Mining and Milling group" in the Erickson Mining District but there is no record of production from the "Silver Reef Mine" in the Erickson Mining District, Tooele County, Utah.

Will you please advise?

Nothing in the foregoing should be construed as an indication that a contract is being considered at this time.

Yours very truly,

ORIGINAL SIGNED BY

Hugh M. Connors
Acting Field Officer, OME
Region III

H.M.C. 7-28-65

cc: Chief, OME
6417
Chron

July 24, 1965

OME
DEPARTMENT OF THE INTERIOR
JUL 23 1965
REGION III
DENVER, COLORADO

Mr. Hugh M. Connors
Acting Field Officer
Office of Minerals Exploration
Region III Bldg., 20,
Federal Center
Denver, Colorado

Dear Mr. Connors,

Concerning the information you asked for in your letter of July 19 last.

The size, make and estimated cost of bulldozer are as follows:
D-8 Caterpillar, Model 14A; $22.00 per hour with operator;
Haulage to and from site, 8 hrs @ $15.00 per hour . . $120
Bulldozer time estimated for 24 working hours, $528
Total bulldozer Cost $648

The Claim map survey is not quite finished at this writing but will be soon.. We will send copies in duplicate immediately upon map completion, with the location of the vertical holes and their estimated depth noted on the map.

The Lee fault probably has a steep dip as suggested by the relatively large stratigraphic displacement. We do not have any evidence as to the direction of dip as the fault trace is covered by alluvium.

We are submitting a revised or amended "Exhibit A" cost estimate due to the much higher than expected drilling bids, submitted by reputable drilling companies. Also the bulldozer costs are somewhat higher than estimated earlier. You will find two copies of the "Amended Exhibit A" enclosed.

Sincerely yours,

Glenn H. Thomas

Glenn H. Thomas
c/o Kenworthy and Associates
P.O. Box 151
Encino, California

OME
DEPARTMENT OF THE INTERIOR
JUL 23 1965
REGION III
DENVER, COLORADO

AMENDED EXHIBIT A

OME 6417 (Silver)
Idunca Limited
Idunca Claims
Tooele Co., Utah

Drilling Program - Cost Estimate

900 ft. of Diamond Drilling; Estimated 15 ft per day = 60 eight hour working days or 12 weeks or 3 months total time.

1. Bulldozer for Road Making and Drill Site Construction

a. Transport to and from site.	$120.00
b. 24 hours road and site making	528.00
Total.	$648.00

Footage Rate Calculation of Costs

	COST/FT
1. Drill Rig Rental incl. drillers and helper wages.	$9.80
2. Mobilization cost.	.20
3. Core box rental or purchase	1.00
4. Splitter, Sludge sampling supplies, tank, etc.	.15
5. Sample analyses (every 20' over.)	.25
6. Supervision and Engineering.	2.50
7. Accounting and Bookkeeping.	1.35
8. Pickup truck rental and running expense.	.80
9. Camp cook supplies.	1.35
10. Tools. (rental)/.	.15
11. Insurance and taxes, 15% of total.	2.45
Total cost per foot.	$ 20.20

Cost for 900 foot of DD holes @ $20.20/ft	$18180.00
Cost for Bulldozer transport and rental	648.00
Total Cost for the Project	$18,828.00

Bldg. 20, Denver Federal Center
Denver, Colo. 80225
GEOLOGICAL SURVEY

July 19, 1965

Mr. Glenn H. Thomas
c/o C. A. Kenworthy & Associates
P.O. Box 151
Encino, California

Re: OME 6417 (Silver)
Idumea Limited
Idumea Claims
Tooele Co., Utah

Dear Mr. Thomas:

Thank you for your letter of July 17, 1965.

We must know the size, make, and estimated cost of the bulldozer. Be sure to tie one of your claim corners to a section corner and show the locations, inclination, and estimated depth of the proposed holes.

It is my understanding that you assume the Lee Fault to be near vertical.

Submit all information in duplicate.

Nothing in the foregoing should be construed as an indication that a contract is even being considered at this time.

Yours very truly,

ORIGINAL SIGNED BY

Hugh M. Connors
Acting Field Officer, OME
Region III

H.M.Connors (7-19-65)
cc: G.C.Selfridge
6417
Chron

July 17, 1965

OME
DEPARTMENT OF THE INTERIOR
JUL 1 3 1965
REGION III
DENVER, COLORADO

Mr. Hugh M. Connors
Acting Field Officer
Office of Minerals Exploration
Region III Bldg. 20,
Federal Center,
Denver, Colorado

Dear Hugh,

Enclosed are two of three bids which are required by your office. The third bid will be in soon and we will forward a xerox copy as soon as it arrives.

Bids are based on standard bit dimensions for core and not on wireline sizes.

We have a claim map survey in process now and will forward a copy of the survey to your office shortly.

The bulldozer preliminary work has not been arranged for as yet but we plan on a D-8, D-7 or comparable size.

I think this is all the data you requested in our conversation while on the examination Hugh. Let us know if anything else may be needed.

We appreciate your interest and help in trying to speed this application up.

Best regards,

Glenn H. Thomas
c/o Kenworthy and Associates
P. O. Box 151
Encino, Calif.

(219) 872-7221

JOY MANUFACTURING COMPANY
900 WOODLAND AVENUE • MICHIGAN CITY, INDIANA 46360

July 9, 1965

OME
DEPARTMENT OF THE INTERIOR
JUL 13 1965
REGION III
DENVER, COLORADO

AIR MAIL

Mr. Glenn N. Thomas
c/o Kennorthy and Associates
P.O. Box 151
Encino, California

Gentlemen:

Mr. Trujillo, our Salt Lake Supervisor, inspected the proposed drilling area near Vernon, Utah. We understand that you will drill three holes, each to an approximate depth of 300 feet. We have based our prices on a minimum of 900 feet of drilling. The holes will be vertical holes. NX fittings will be used to start the holes, and when solid rock is reached, BX fittings will be used. It may be necessary to reduce to AX fittings to drill the hole to the desired depths; therefore, we have listed prices for AX drilling. We believe, however, that NX and BX fittings will reach the 300-foot target.

It will be necessary to haul water. A sufficient supply of water will be obtainable within three miles of the drill sites. We have based our prices on operating five days per week. We submit the following prices.

NX Drilling		@$8.95 per ft.
BX Drilling		@$8.65 per ft.
AX Drilling		@$8.35 per ft.
Reaming, if necessary		@$5.00 per ft.
Cementing, if necessary		@$15.00 per hr.
Casing lost or left in place	-NX	@$2.92 per ft.
	-BX	@$2.16 per ft.
	-AX	@$1.70 per ft.

Thank you for asking us to quote on your requirements.

Yours truly,

JOY MANUFACTURING COMPANY

J.N. Murray

J.N. Murray, Manager
Contract Drill Division

JNM/dm

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
TUNNEL DRIVING
MINE PLANT DESIGN
AND FABRICATION

Boyles Bros.
DRILLING COMPANY

CONTRACTORS-ENGINEERS-GEOLOGISTS
General Offices and Plant
1624 Pioneer Road P. O. Box 58 HUnter 7-7595
SALT LAKE CITY 10, UTAH

BRANCH OFFICES
PHOENIX
RENO
SPOKANE
DENVER
SACRAMENTO
ST. LOUIS

July 12, 1965

Reply to:

Kenworthy Associates
Box 151
Encino, California

OME
DEPARTMENT OF THE INTERIOR
JUL 1 3 1965
REGION III
DENVER, COLORADO

Attention: Mr. G.H. Thomas

Gentlemen:

After inspection of your proposed drilling in the Stansbury Mountain Area near Vernon, Utah, we would like to propose the following:

1. NX - 0 to 100 ft. @ $9.70 per ft.

BX	AX
0 - 200 ft. @ $9.35 per ft.	0 - 200 ft. @ $9.10 per ft.
200 - 400 ft. @ 9.70 per ft.	200 - 400 ft. @ 9.35 per ft.

2. Reaming, if required, $4.95 per ft., all sizes.
3. Cementing, if necessary, $15.00 per hour, plus cost of cement or cement substitutes.
4. Mud and additives would be a charge item at list cost, if used.
5. Casing we are unable to recover or is left by orders, at list cost.
6. Water truck at $210.00 per month, plus .12¢ per mile driven.
7. Core boxes if furnished, would be $1.00 per box.

Thank you for giving us the opportunity to bid on this work.

Very truly yours,

J. F. Brennan

J.F. Brennan
Field Supt., Drilling Division

JFB:gh

SPRAGUE & HENWOOD, Inc.

Contract Division
REGIONAL OFFICE

2151 North Redwood Road (P.O. Box 2556)
Salt Lake City 10, Utah DAvis 8-4271

DIAMOND DRILLING • MINERAL EXPLORATION • SOIL SAMPLING • PRESSURE GROUTING

EXECUTIVE OFFICES & PL
SCRANTON, PENNSYLVA

July 19, 1965

Attn: Glenn Thomas
Kenworthy & Assoc.
P. O. Box 151
Encino, Calif.

OME-6417

OME
DEPARTMENT OF THE INTERIOR
JUL 23 1965
REGION III
DENVER, COLORADO

Gentlemen:

In response to your request, we herewith submit our proposal for drilling approximately 1,000 feet on your properties West of Vernon, Tooele County, Utah .

PROPOSAL

1. Mobilization and demobilization Lump Sum - - -$300.00

2. Core Drilling	Sizes	NX	BX	AX
0 - 500' depth	Per ft.	$8.25	$7.85	$7.50

3. Reaming - - -$4.25 per ft.

4. Cementing, drilling cement - - -15.00 per hour

5. Standby for customer's convenience - - -13.50 per hour

6. Casing lost, or left in place - - -@ current list price

7. Diamond bit costs in excess of $1.50 per foot, for total footage drilled, will be chargeable to customer at cost, as determined by cut-out and diamond salvage.

Conditions

1. Access roads and drillsites will be provided by Kenworthy & Assoc. at no cost to Sprague & Henwood, Inc.

2. Cores will be delivered to customer's representative at drill hole locations in containers provided by customer.

3. Drilling under this proposal is dependent upon credit arrangements satisfactory to Sprague & Henwood, Inc.

Very truly yours, SPRAGUE & HENWOOD, INC.

B. B. Williams
Ass't. Vice Pres.

G.C. Selfridge

Bldg. 20, Denver Federal Center
Denver, Colo. 80225

June 28, 1965

AIR MAIL

Mr. Charles Kenworthy
c/o Glen H. Thomas
P.O. Box 151
Encino, California

Dear Mr. Kenworthy:

I would like to examine your property July 6, 1965 if it is convenient for you or your representative to accompany me.

I plan to stay at the Newhouse Hotel the night of July 5 and you could meet me there the morning of July 6.

If you do not have a car I will check one out in Salt Lake City.

Will you please advise by air-mail if the date is satisfactory and also about the car. Could we get back to Salt Lake City the evening of July 6?

Yours very truly,

Hugh M. Connors
Acting Field Officer, OMK
Region III

H.M.Connors (6-28-65)
cc: G. C. Selfridge
6417
Chron

MME Form 40
July 1962

Budget Bureau No. 42-R1368
Approval expires Dec. 31, 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

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

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

Idumea Limited (letter Feb. 19, 1965)

~~Glenn H. Thomas~~
~~6715 Lederer Avenue~~
~~Canoga Park, California~~

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER

DATE RECEIVED

REGION

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED: Calif

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Charles A. Kenworthy	Box 151	Encino, California

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Silver

ESTIMATED COST OF PROJECT: $ 15,372

PROPERTY NAME	LOCATION COUNTY	STATE
Idumea	Tooele	Utah

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior, Washington 25, D. C., or with the nearest OME Field Office.*

CERTIFICATION

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

Jan 29, 1965
DATED

Glenn H. Thomas
BY *(Signature)*

Partner
TITLE

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

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

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

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

2. Applicant's Rights in Land:

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

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

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

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

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

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

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

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

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

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

4. Accessibility of Property:

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

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

5. Exploration Work:

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

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

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

6. Experience:

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

7. Estimate of Costs:

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

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

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

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

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

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

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

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

INT.-DUP. SEC., WASH., D.C.11879

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

The following report has been written to give the requested information so specified by application form (MME form 40).

The paragraph titles of this report follow those on the back of MME 40, both in form and chronological order; the subheadings are grouped in some cases over one paragraph where such treatment seems applicable.

1. Financial Eligibility

Applications for loans were made to three lending institutions and Items 3, 4, 5 are the responding letters of said lending institutions.

2. Applicants Land Rights

The Applicant has mineral rights through ownership of 18 unpatented mining lode claims known as the Idumea Group. This group of claims, Idumea 1 through Idumea 18 is located in the Simpson Mountain range. They comprise a block of land about 1800 feet by 9000 feet covering approximately 360 acres. The northwest corner of this block of property is located approximately 1000 feet east and 2100 south of the section corner shared in common by sections 34, 35 of T. 9S R.8W and sections 1, 2 of T. 10S R.8W, Salt Lake Meridian, Salt Lake City, Utah. The Book and page number for each location notice recorded in the Tooele County Courthouse is as follows:

IDUMEA 1,	Book 44 of records,	Page 192
IDUMEA 2,	Book 44 of records,	Page 193
IDUMEA 3,	Book 44 of records,	Page 194
IDUMEA 4,	Book 46 of records,	Page 193
IDUMEA 5,	Book 46 of records,	Page 194
IDUMEA 6,	Book 46 of records,	Page 192
IDUMEA 7,	Book 46 of records,	Page 190
IDUMEA 8,	Book 46 of records,	Page 190
IDUMEA 9,	Book 46 of records,	Page 189
IDUMEA 10,	Book 46 of records,	Page 188
IDUMEA 11,	Book 46 of records,	Page 187
IDUMEA 12,	Book 46 of records,	Page 186
IDUMEA 13,	Book 46 of records,	Page 185
IDUMEA 14,	Book 46 of records,	Page 184
IDUMEA 15,	Book 46 of records,	Page 183
IDUMEA 16,	Book 46 of records,	Page 182
IDUMEA 17,	Book 46 of records,	Page 181
IDUMEA 18,	Book 46 of records,	Page 180

3. Physical Description

At present no mining operations or exploration is being conducted on the land controlled by the applicant. However, within an half mile of the Idumea property lies the old workings of the O.K. Silver Mining and Milling Company which has a past history of silver production. G.G. Loughlin of the U.S. Geological Survey visited the properties of the O.K. Silver Co., in 1912. At the time of Loughlin's visit, a small, cut just opened up, had exposed some silver rich oxidized material in a quartz gangue. Later in 1916, Loughlin reported two shipments of ore from this body, one yielding 488 oz. of silver and 0.235 oz. gold to the ton

and 0.15 percent copper; the other shipment he reported as containing 405 oz. silver and .02 oz. of gold to the ton. This assay report is found in "Ore Deposits of Utah" U.S.G.S. Prof. Paper 111. The O.K. Silver Co. produced an unspecified amount of rich silver ore from its workings near the Idumea area, over a period of four years (1912 to 1916). At present the Tribune Kearns Corp. of Salt Lake City owns the patented claims developed by the O.K. Silver Co. The latest mining activity in Idumea area consisted of a Mr. H.B. Huber lessee, shipping the dump of the O.K. Mine. Mr. Huber obtained his lase from the Tribune Kearns Corp. for this project in 1949. He realized a $10,000 gross income from the silver values in the dump. As far as the applicant presently knows no further activity has occurred in the O.K. Mine or nearby area (Erickson Mining District) since that time.

(e) As seen from the geologic map, the Idumea property lies across the Lee fault. (See Item 2, geologic map)

This fault has placed Ordivcian and Silurian dolomites against Cambrian limestones. Excessive amounts of white bull quartz have been introduced along this fault from depth as the adjacent dolomite beds on the west side of the fault are replaced by silica up to 200 feet from the fault. The Cambrian limestones east of the fault are covered by alluvium. The Indian Springs fault and its branches contain this same type quartz associated with the silver antimonide ore mined by the O.K. Silver Co. A qualified geologist has examined the old workings of the Silver Reef Mine and others worked by the O.K. Silver Co. and his report indicates the gossan vein material has been associated with the white bull quartz almost invariably.

It is very probable that the ore making solutions have risen along the same conduites used by the bull quartz. This is apparently true in the old mine workings just northwest of the Idumea property and because the Idumea area has a much greater amount of introduced silica than other mineralized areas it is probable the Lee fault was a major conduit, possibly for ore fluids also. The ore solutions may have never reached the present surface because they were stopped by replacement reaction with large available sections of limestone and dolomite at depth.

THE PURPOSE OF THIS EXPLORATION PROGRAM IS TO PROVE THE PRESENCE OF REPLACEMENT TYPE SILVER ORE DEPOSITS AT DEPTH ALONG THE LEE FAULT.

The Idumea area is located in "Elephant Country" in that it is near high production mining districts.

Just northeast approximately 50 miles are the Oquirrh mountains, another "Basin and Range" type structure like the Simpson mountains. The Oquirrh range cradles the famous Bingham Copper pit. This one district has paid over $394,000,000 in dividends alone. Just south of the Bingham district are the Ophir and Mercur areas which have produced more than $50,000,000 gross income. Southeast about 30 miles from the Idumea area, in the Tintic mountains, lies the Tintic Mining district, which has a long history of mineral production from a score of major mines. The average ore production per mine is about $20,000,000.

This is the setting and maximum possible production that could be expected from the Idumea area. The number of recent discoveries of new commercial mining districts in the U.S. are small but in the case of the IDUMEA area, if a major ore body is found the chances are great that we can expect the production on the order described above. The Idumea area has never been drilled or examined by modern geophysical means. It is the objective of this exploration program to prove the silver potential of the Idumea area.

4. Accessibility of Property

For general location of mapped area shown in Item 2, see Index map, Item 1. The nearest settlement to the Simpson mountains is the town of Vernon (pop. 255) which is about 30 miles east of the range. The main access road is the Simpson Springs-Callao gravel road which passes over the Sheeprock range via Lookout Pass between the Simpson Mountains and Vernon. A main Southern Pacific RR line is about 5 miles from Vernon which is about 40 miles west of Provo, Utah. Provo city post office probably would make the best general meeting place if and when an examination of the property is done. The person who will probably be meeting the OME representative is Mr. Glenn H. Thomas, 6715 Lederer Avenue, Canoga Park, California, Telephone - (Area Code 213) 346-8612.

5. Exploration Work

The exploration work will consist of diamond drilling for core samples of the subsurface Cambrian carbonates near the Lee fault. It is estimated that three holes along a line parallel to the fault and angling at depth toward the fault, will determine the presence of silver ore replacement of carbonate or dolomite host rock. However, the first drill holes may reveal information which will alter the placing and length of later borings. The BX size holes would be about 300 feet in depth and placed approximately as shown on the geologic map (Item 2).

Access road and drill site construction by dozer is contemplated with the total road length about one mile in gently rolling terrain. If an OME contract is executed, work would begin by June of 1965. The spring thaw and drying up of roadways would determine the exact date.

6. Experience

The operating experience of the supervisor who will be in charge of the work is as follows: Mr. Glenn H. Thomas, (Geological Engineer), 5 years, exploration geology, mining engineering, for Bear Creek Mining Company. These activities included overseeing numerous drilling programs, drifting and raising operations located in Silver City, New Mexico area; Duncon, Arizona; Bonanza, Colorado; Greenriver, Wyoming; Oquirrh Mountains, Utah. Also worked in Mayflower mine, Newpark Mining Co., Keetly, Utah and Lark Mine, U.S. Smelting and Refining Co., Lark, Utah.

APPENDIX

List of Items Sent With Report

Item 1. Index Map of Utah showing location of Idumea area.

Item 2. Geologic map of the Indian Springs Quadrangle.

Item 3. True copy of letter from commercial lending ~~institute.~~ Institution

Item 4. True copy of letter from commercial lending ~~institute.~~ "

Item 5. True copy of letter from commercial lending ~~institute.~~ "

EXHIBIT A

Inspiration ~~Simpson Mountain~~ Project (see letter Feb. 16, 1965)

Drilling Program - Cost Estimate

900 Ft. of Diamond Drilling; Estimated 15 ft. per day = 60 eight hour working days or 12 weeks or 3 months total time

1. Bulldozer for Road Making and Drill Site Construction
   a. Transport to Site. 100.00
   b. 16 hours Road and Site Making @ $15.00/hr. 440.00

Footage Rate Calculation of Costs	Cost/ft
1. Drill Rig Rental @ $6.25/ft including drillers and helpers wages. .	.6.25
2. Cost of Moving Drill Rig to Drill Area.	.28
3. Water Truck Rental @ $7.00/day.	.47
4. Water Truck Driver @ $15.00/day	.1.00
5. Core Box Rental - 20'/box. 45 boxes @ $4.00/box.	.19
6. Splitter, Sludge Sampling Supplies, Tank, etc. @ $2.00/day.	.13
7. Sample Analyses (every 20' aver.) 45 samples @ $5.00/sample	.25
8. Supervisor Wages @ $37.50/day	.2.50
9. Accountant Wages @ $20.00/day	.1.35
10. Pickup Truck Rental @ $10.00/day plus $ .12/mile Average of 40 miles/day gives total of $14.80/day	.98
11. Camp Cook Equipment, Supplies, $20.00/day	.1.35
12. Tools, Rental @ $2.00/day.	.13
13. Ins. and Taxes 15%	.1.60
Total Cost Per Foot	16.48

Total cost as per foot - $16.48 for 900'. $14,372.00

Bulldozer work mobilization and rental @ $15.00/hr for 16 hours . . . . . .$ 540.00

Total Cost of Project $15,372.00

Item 1
Glenn H. Thomas
6715 Lederer Ave
Canoga Park
Calif.

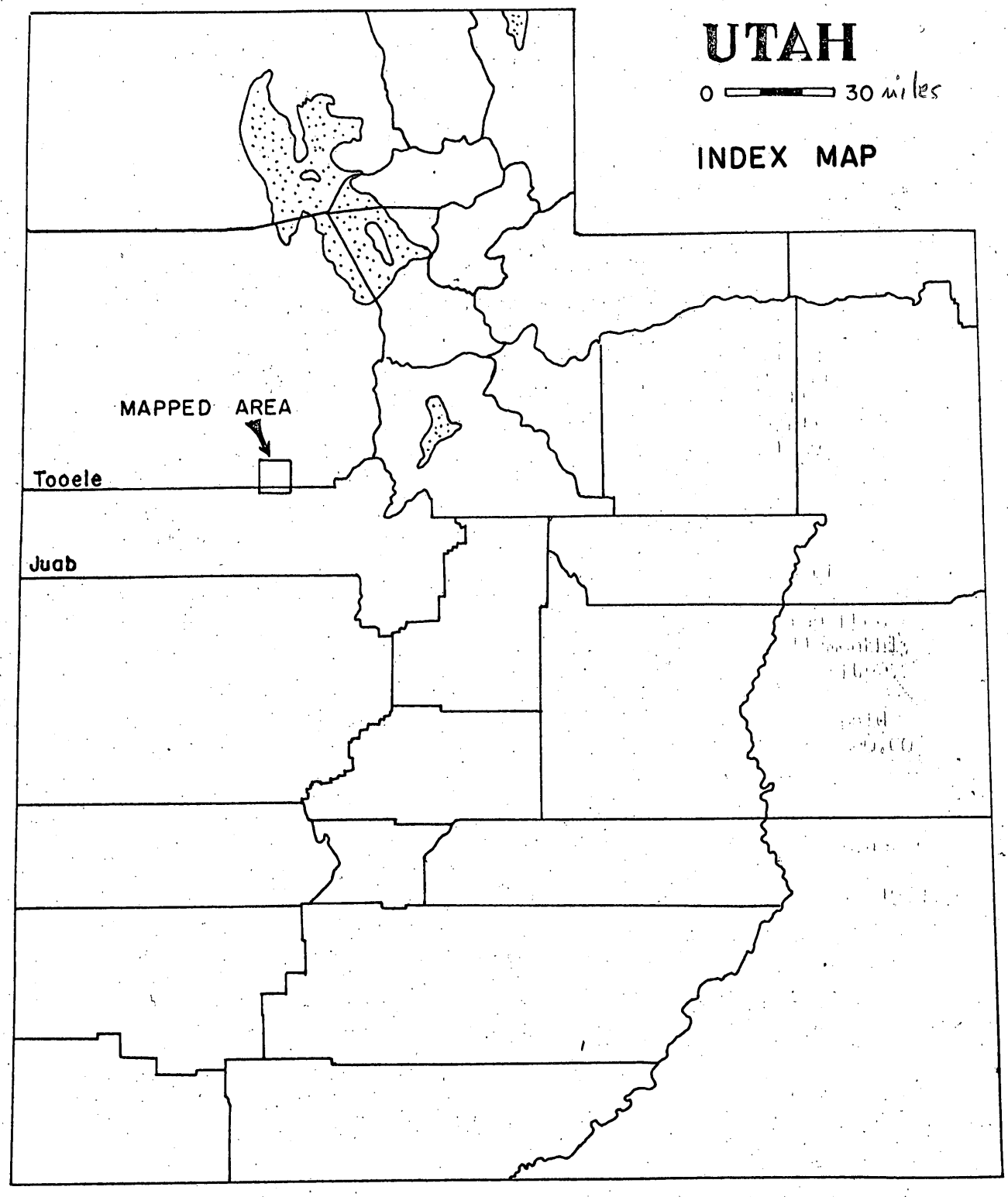


Figure 1

Hmc

Mar. 5, 1965

OME
DEPARTMENT OF THE INTERIOR
MAR 10 1965
REGION III
DENVER, COLORADO

Mr. Hugh M. Connors
Acting Field Officer, OME
Bldg. 20, Denver Federal Center

Subject OME - 6417

Dear Mr. Connors:

In response to your letter of Feb. 23, 1965 requesting a copy of my letters sent to three lending institutions, I have enclosed two sets of copies of said letters to complete the application OME 6417.

Also I have written to five drilling companies for bids and have received only three answers. Rather than wait any further for bids I have enclosed a duplicate copy of those received.

Enclosed is a statement indicating how the proportionate costs of exploration shall be furnished by the applicant.

Sincerely yours,

Glenn H. Thomas

Glenn H. Thomas
6715 Lederer Ave.
Canoga Park, Calif.

Copies to W.O.

February 21, 1965

Glenn H. Thomas
6715 Laderer Ave.
Conga Park, Calif.

Dear Sir:

In answer to your request for an estimate for drilling 900 L.F. of B.X. core. In the area of Vernon, Utah.

Pocahontas drilling company will furnish the following equipment on hourly rates.

1 Joy HD-22 Core drill to include crew of 2 men; surface casing and 300 ft. of A or AW drill rod @ $17.50 per hour.
1 water truck & driver @ $5.00 per hour.

Other tools necessary for the drilling operation would be included in hourly price of rig, with the exception of BX core barrels & bits. However, we will furnish this and bill you at our cost from mfg.
Thank you for the request.

Very Truly Yours
Pocahontas Drilling Company
Box 277
Washington, Utah
84792

Longyear

E. J. LONGYEAR COMPANY
General Offices, 76 South 8th St.
Minneapolis 2, Minnesota, U. S. A.
TELEPHONE: FEDERAL 9-7631 • CABLE LONGCO

2283 South 2nd West
Salt Lake City, Utah 84115
February 20, 1965

Mr. Glenn H. Thomas
5715 Lederer Avenue
Canoga Park, California

Dear Sir:

Thank you for your letter of February 17, 1965 in which you request information on the cost of drilling three 300 ft. BX size core holes, near Vernon, Utah.

With a formation of limestone with very hard quartz seams I would estimate an approximate cost of $5.75 per foot, plus $325.00 per month water truck rental - plus 12¢ per mile. In the event the water haul is so far that we must employ an extra man, that man's wages would be extra. Mobilization charge would be $300.00

If I can be of any more help to you, please feel free to contact me. I would gladly go over the property with you or your representative.

Sincerely,

David Crotty

David Crotty
Manager
Rocky Mt. Area

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
TUNNEL DRIVING
MINE PLANT DESIGN
AND FABRICATION

Boyles Bros.
DRILLING COMPANY

CONTRACTORS-ENGINEERS-GEOLOGISTS
General Offices and Plant
1624 Pioneer Road P. O. Box 58 HUnter 7-7595
SALT LAKE CITY 10, UTAH

BRANCH OFFICES
PHOENIX
RENO
SPOKANE
DENVER
SACRAMENTO
ST. LOUIS

D ecember 14, 1964

Reply to:

Glenn H. Thomas
6715 Lederer Avenue
Canoga Park, California

Dear Mr. Thomas:

This is in reply to your letter of December 10, 1964, for drilling near Delta, Utah.

We will be unable to give a firm price without field inspection. This we will do at any time you or a representative could show it to us. We will give you a tentative price on the information in your letter, access to drill sites, water haul; depth of overburden could change these prices plus or minus, though they may be of help for your planning.

A. Mobilization $250.00

B.

B X		A X or E X	
0 - 250	$5.40 per ft.	0 - 250	$5.25 per ft.
250 - 500	5.60 per ft.	250 - 500	5.45 per ft.

C. Water haul at $210.00 per month plus 12¢ per mile driven. If driver is required wages, ins. and taxes would be charged for.

D. Mud, additives, cement, cement substitutes would be charged for at list cost.

E. All casing we are unable to recover would be charged for at list cost.

F. Diamond bits in excess of 85¢ per ft. would be charged for and verified by manufacturers cutout return.

G. Cementing or drilling cement would be $13.00 per hour.

H. Surveys or delays caused by company would be at $13.00 per hour.

We would only use EX as a last resort to finish a hole, as it is not a large enough core to be satisfactory for most of our customers.

BOYLES BROS. DRILLING CO.

Glenn H. Thomas
Canoga Park, California

December 14, 1964
Page 2.

We appreciate your letter, and would be happy to give you any assistance we could.

Very truly yours,

J. F. Brennan

J. F. Brennan
Field Supt., Drilling Division

JFB:gh

January 25, 1965

United California Bank
17031 Ventura Blvd.
Encino, California

Gentlemen:

I would like to apply for a loan of $15,372 from your institution for the purpose of financing a mining exploration project in western Utah. Enclosed is a cost item breakdown for the project. I do not have collateral for this amount and the repayment would be based on the successful finding of commercial ore deposits. The area of exploration is located in the Simpson Mountains near Vernon, Utah.

Although we have an estimated 1% chance of finding commercial ore, the returns will be very high if a deposit is found. The high return estimate is based on the position of the present project which is located only 50 miles from the famous Bingham Copper Pit which has paid $394,000,000 in dividends alone. The Simpson Mountains have the same stratigraphic formations that exist in the Bingham Canyon area. Thirty miles north of the proposed mining project are the Ophir and Mercur districts having a gross production of $50,000,000 and south of the project 30 miles is the Eureka Mining district having many mines and their average production is $20,000,000 per mine. Our project area in the Simpson Mountains has had small amounts of high grade silver (400 oz/ton) taken from the silicified limestone bedrock years ago (1916) but no drilling or modern exploration has been done since that time.

I feel it is a good mining exploration project. Would you let me know at your earliest convenience your conclusions concerning this loan application. Thank you very much.

Sincerely yours,

Glenn H. Thomas

Glenn H. Thomas
6715 Lederer Avenue
Canoga Park, California

January 25, 1965

Security First National Bank
Fulton and Riverside Branch
13352 Riverside Drive
Sherman Oaks, California

Gentlemen:

I would like to apply for a loan of $15,372 from your institution for the purpose of financing a mining exploration project in western Utah. Enclosed is a cost item breakdown for the project. I do not have collateral for this amount and the repayment would be based on the successful finding of commercial ore deposits. The area of exploration is located in the Simpson Mountains near Vernon, Utah.

Although we have an estimated 1% chance of finding commercial ore, the returns will be very high if a deposit is found. The high return estimate is based on the position of the present project which is located only 50 miles from the famous Bingham Copper Pit which has paid $394,000,000 in dividends alone. The Simpson Mountains have the same stratigraphic formations that exist in the Bingham Canyon area. Thirty miles north of the proposed mining project are the Ophir and Mercur districts having a gross production of $50,000,000 and south of the project 30 miles is the Eureka Mining district having many mines and their average production is $20,000,000 per mine. Our project area in the Simpson Mountains has has small amounts of high grade silver (400 oz/ton) taken from the silicified limestone bedrock years ago (1916) but no drilling or modern exploration has been done since that time.

I feel it is a good mining exploration project. Would you let me know at your earliest convenience your conclusions concerning this loan application. Thank you very much.

Sincerely yours,

Glenn H. Thomas
6715 Lederer Avenue
Canoga Park, California

January 25, 1965

Bank of America
Platt and Victory Branch
Canoga Park, California

Gentlemen:

I would like to apply for a loan of $15,372 from your institution for the purpose of financing a mining exploration project in western Utah. Enclosed is a cost item breakdown for the project. I do not have collateral for this amount and the repayment would be based on the successful finding of commercial ore deposits. The area of exploration is located in the Simpson Mountains near Vernon, Utah.

Although we have an estimated 1% chance of finding commercial ore, the returns will be very high if a deposit is found. The high return estimate is based on the position of the present project which is located only 50 miles from the famous Bingham Copper Pit which has paid $394,000,000 in dividends alone. The Simpson Mountains have the same stratigraphic formations that exist in the Bingham Canyon area. Thirty miles north of the proposed mining project are the Ophir and Mercur districts having a gross production of $50,000,00 and south of the project 30 miles is the Eureka Mining district having many mines and their average production is $20,000,00 per mine. Our project area in the Simpson Mountains has had small amounts of high grade silver (400 oz/ton) taken from the silicified limestone bedrock years ago (1916) but no drilling or modern exploration has been done since that time.

I feel it is a good mining exploration project. Would you let me know at your earliest convenience your conclusions concerning this loan application. Thank you very much.

Sincerely yours,
Glenn H. Thomas
6715 Lederer Avenue
Canoga Park, California

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C.

OME
DEPARTMENT OF THE INTER

1965
REGION III

MAR 3 1965

Mr. Glenn H. Thomas
6715 Lederer Avenue
Canoga Park, California

Re: OMX-6417 (Silver)
Idumea Limited
Idumea Claims
Tooele County, Utah

Dear Mr. Thomas:

In accordance with your request of February 16, 1965, to Mr. Connors, we have changed your application to Idumea Limited.

Sincerely yours,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

GCSelfridge/gla (3-3-65)

cc to: Director's Reading File
Docket
Region III
Mr. Selfridge

Mar. 5, 1965

TO WHOM IT MAY CONCERN:

The Applicant known as Idumea Limited, a partnership, does hereby state that its share of costs in the exploration project OME 6417 will be furnished from the savings and resources of the said partners.

Signed Glenn H Thomas
Glenn H. Thomas
Partner, (Idumea Limited)

METAL PRODUCTION (Contents)

OK Silver

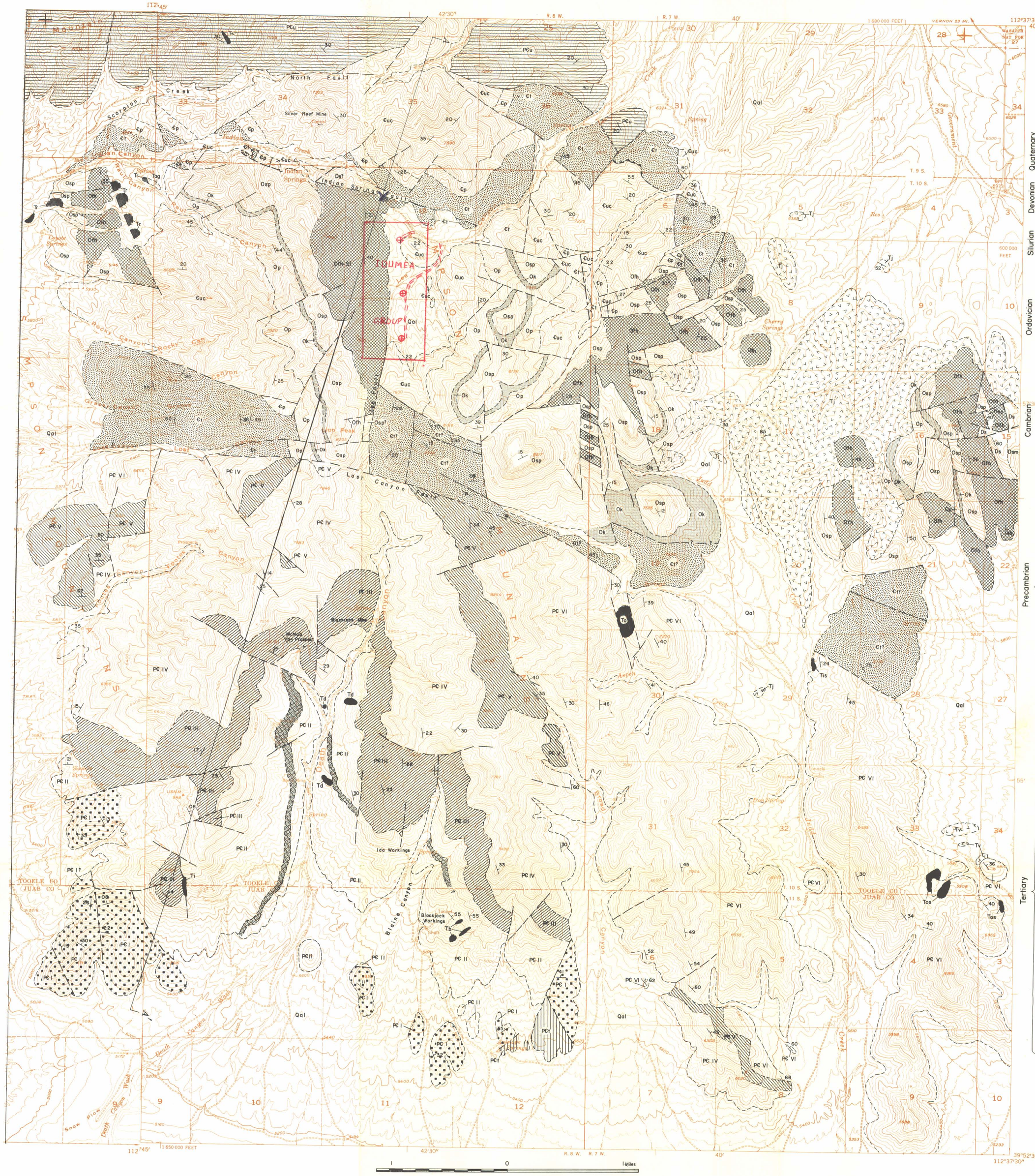
A ORE MILLED AND BULLION PRODUCED.
B CONCENTRATES PRODUCED.
C ORE SMELTED.

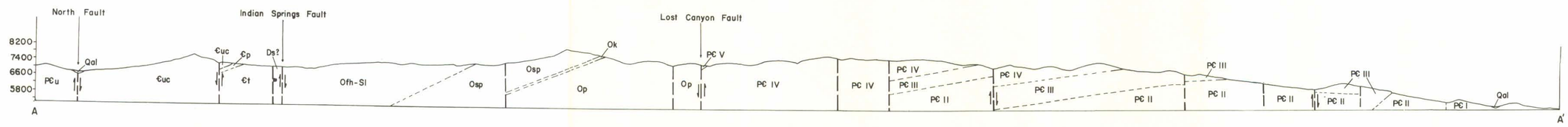
YEAR	A B C	CRUDE ORE PRODUCED		CONCENTRATES PRODUCED		GOLD (OUNCES)			SILVER (OUNCES)			COPPER (POUNDS)		LEAD (POUNDS)		ZINC (POUNDS)	
		DRY TONS	CLASS	DRY TONS	CLASS	GROSS IN ORE	GROSS IN CONCENTRATES	RECOVERED	GROSS IN ORE	GROSS IN CONCENTRATES	RECOVERED	GROSS IN ORE	GROSS IN CONCENTRATES	GROSS IN ORE	GROSS IN CONCENTRATES	GROSS IN ORE	GROSS CONCENTR
1934		4						.80			73	32	25	490	460		
1935		122						11.25			2,707			2,460	2,362		
1936		544						26.60			13,561						
1937		308						21.00			3,660						
1939	C	79	aq					7.00			1009		–		–		
		974						38.01			19,128			2460	2362		

OK Silver

EAR	A B C	DRY TONS	CLASS	DRY TONS	CLASS	GROSS IN ORE	GROSS IN CONCENTRATES	RECOVERED	GROSS IN ORE	GROSS IN CONCENTRATES	RECOVERED	GROSS IN ORE	GROSS IN CONCENTRATES	GROSS IN ORE	GROSS IN CONCENTRATES	GROSS IN ORE	GROSS IN CONCENTRA
1916		169						28.53			47,289		256				
1917		35						9.29			2,868						
1919		19						4.50			651						
								42.32			50808		256				
		223															

Plate I





Section A A'

EXPLANATION

Sedimentary Rocks

Quaternary
- Qal — Quaternary Alluvium

Devonian
- Dsm — Simonson dolomite
- Ds — Sevy dolomite

Silurian
- Sl — Laketown dolomite

Ordovician
- Ofh — Fish Haven dolomite
- Osp — Swan Peak quartzite
- Ok — Kanosh shale
- Op — Pogonip formation

Cambrian
- €uc — Cambrian carbonates undifferentiated
- €p — Pioche shale
- €t — Tintic quartzite

Precambrian

Sheeprock Series
- PC VI — Unit VI
- PC V — Unit V
- PC IV — Unit IV
- PC III — Unit III
- PC II — Unit II with medial quartzite subunit
- PC I — Unit I

- PCt — Tillite
- PCu — Precambrian sediments undifferentiated

Igneous Rocks

Tertiary

Extrusive
- Tag — Agglomerate
- Tj — Judd Creek latite
- Tv — Tertiary volcanic rock undifferentiated

Intrusive
- Td — Death Canyon intrusive
- Ta — Aspen Creek intrusive
- Tis — Iron Springs intrusive
- Tos — Ox Shoe intrusive
- Tr — Raul Canyon intrusive
- Tb — Blaine Canyon intrusive
- Ts — Scorpion Creek dike
- Ti — Imperial intrusive

Symbols

- Road
- Dip and strike
- Thrust fault
- Faults, probable and inferred
- Contact, inferred and concealed

16½°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1955

⊕ - Diamond Drill Hole location

==== Proposed Access Road.

GEOLOGY OF THE INDIAN SPRINGS QUADRANGLE, TOOELE & JUAB COUNTIES, UTAH

Glenn H. Thomas - 6715 Lederer Ave
Canoga Park
Calif.

June 1958

Item 2