FILE COPY
SURNAME:

500

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

Keating
Johnson
Kimball
Johnson
Miller

OCT 2 1952

Mr. Arthur J. Conlon, President
Cedar Mountain Mining Corporation
c/o Parker and Parker
11 Broadway
New York, New York

Re: Docket No. DMA-1312
(Lead-Zinc-Copper)
Simon Mine, Nevada

Dear Mr. Conlon:

This office wrote you July 31, 1952, requesting information as to your plans regarding your request for an exploration loan. To date we have received no reply to that letter, and assume that you are no longer interested in receiving exploration assistance from the Government. Therefore, your docket is being removed from the active file and sent to the closed files.

If in the future it should develop that you again wish to make application for exploration assistance, we will be pleased to consider your request.

Sincerely yours,

C. O. Mittendorf (for)
Administrator

AGKeating/bjl (written 9/29/52)

Copy to: Docket
Admr. R. File
Op. Committee
Mr. Keller (2)
Mr. Keating
Mr. Bishop
Mr. McKnight
Region III (2)
Chron.

10-2-52

500 FILE COPY
SURNAME:

Keating
Keller

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

JUL 31 1952

Mr. Arthur J. Conlon, President
Cedar Mountain Mining Corporation
c/o Parker and Parker
11 Broadway
New York City, New York

Re: Docket No. DMA-1312 (Lead-Zinc-Copper)
Simon Mine, Nevada

Dear Mr. Conlon:

A review of our files indicates that your application has been inactive for an extended period. In such cases it frequently develops that certain applications should be revised, withdrawn, or the file closed. In this connection we have your letter of March 3, 1952, in which you request that the application be held until such time as you are able to get into the property, having been delayed by heavy snows.

Will you be kind enough to inform this office within the next thirty days as to what you plan regarding your request for an exploration loan. Otherwise it will be assumed that you are no longer interested and the file will be closed.

Sincerely yours,

C. O. Mittendorf (for) S.H. 7-31-52

Acting Administrator,
Defense Minerals Exploration
Administration

AGKeating/mb
July 29, 1952
CC To: Docket
Operating Committee
Adm. Reading File
Mr. Keller (2)
Mr. Keating
Mr. Bishop
Mr. McKnight
Chron
Region III

HARVARD CLUB OF BOSTON
374 COMMONWEALTH AVENUE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1952

~~MANAGER'S OFFICE~~

D.E. Moulds, Esq.,
Acting Chief Base Metals Div.,
Defense Minerals Exploration Div.,
Washington, D.C.

Dear Sir:

In regard to DMA Docket 1312-x Lead, Zinc, Copper, Simon Mine, Nevada which Application has been filed under The Cedar Mountain Mining Company will you kindly hold this Application as filed until such time as we are able to get into the property to obtain additional information. Heavy Snows have hindered our efforts to get more important data. We will be able to do this in a very short time. Thanking you for your cooperation, I am,

Very truly yours,

Arthur J. Conlon

Arthur J. Conlon, Pres.
Cedar Mountain Mining Company.

February 29,1952.

Docket

FILE COPY 500
SURNAME:

Moulds

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

Mr. Arthur J. Conlon, President
Cedar Mountain Mining Corporation
c/o Parker and Parker
11 Broadway
New York, New York

FEB 13 1952

Re: DMA Docket No. 1312-X
Lead, Zinc, Copper
Simon Mine, Nevada

Dear Mr. Conlon:

A review of the Defense Minerals Administration files indicates that July 24, 1951, a letter over the signature of C. O. Mittendorf, Director, Production Expansion Division, was mailed to you relative to your application for aid in a Defense Exploration Project. Our records also show that on August 21, 1951 you discussed the project with Mr. Blakemore of this office, but as Mr. Blakemore has returned to private work, we have no record of what decision was reached on your application.

In order that we may determine the status of your application, we will appreciate receipt, at your earliest convenience, of the requested information, or your request to withdraw the application in the event you do not desire the exploration assistance under the requirements of Mineral Order 5, a copy of which is enclosed for your information.

Sincerely yours,

D. E. Moulds mch 2/13/52

D. E. Moulds, Acting Chief
Base Metals Division
Defense Minerals Exploration
Administration

Enclosure
DEMoulds/hmj
2-12-52
cc to: Adm. R. File
Docket File Copy
Mr. Bishop
Mr. McKnight
Region III
Mr. Moulds

C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration

14:20137 Salaries and
Expenses, Defense Production Activities,
Interior, 1952 (100-100)

AUGUST 17, 1951

MR. A. J. COMLON
HARVARD CLUB
BOSTON, MASSACHUSETTS

REUR TELEPHONE CALL WILL EXPECT YOU TUESDAY TWENTY-FIRST.

C. O. Mittendorf

C. O. MITTENDORF
DIRECTOR, PRODUCTION EXPANSION DIVISION
DEFENSE MINERALS ADMINISTRATION

PBBlakemore/fw

cc: Reports and Records
Mr. Mittendorf, Mr. Olund
Mr. Blakemore

8/16/51

Mr. Mittendorf:

Mr. A. J. Conlon would like an appointment with you on Tuesday, the 21st. He called Long Distance from New York. He would like us to send him a wire telling him if he could see you at all on Tuesday.

He is concerned with a zinc mine called Cedar Mountain Mining Co. DMA 1312X.

The wire is to be sent to A. J. Conlon
Harvard Club Boston

Mr. [illegible]:

Guess this is your [illegible]. Mr. [illegible] [illegible] [illegible] [illegible] [illegible] messages yet.

[illegible]

Wire Tuesday - 21st will be OK
[illegible]

July 24, 1951

Cedar Mountain Mining Corporation
c/o Parker and Parker
11 Broadway
New York, New York

Re: DMA Docket No. 1312-X
Lead, Zinc, Copper
Simon Mine, Nevada

Gentlemen:

The Exploration Contracts, dated May 24, 1951, which you mailed to this office for execution by the Government, include items of expense which cover the rehabilitation of the subject property for production purposes, and therefore, cannot be included in an Exploration Contract.

It is recommended that another Exploration Contract be prepared, together with supporting exhibits and maps that are required for illustrating the exploration contemplated. It is believed that a conference with you at this office would expedite the preparation of these data as there are certain features which cannot be readily explained by letter.

If this suggestion is acceptable to you, please advise us when we may expect you.

Sincerely yours,

C. O. Mittendorf

C. O. Mittendorf, Director
Production Expansion Division

PBBlakemore/meh
cc to: Reports and Records
Adm. Reading File
Mittendorf, Olund
Blakemore
Region III (2)
Billings
Lyon
McKnight

FILE COPY
SURNAME:

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

July 24, 1951

Cedar Mountain Mining Corporation
c/o Parker and Parker
11 Broadway
New York, New York

Re: DMA Docket No. 1312-X
Lead, Zinc, Copper
Simon Mine, Nevada

Gentlemen:

The Exploration Contracts, dated May 24, 1951, which you mailed to this office for execution by the Government, include items of expense which cover the rehabilitation of the subject property for production purposes, and therefore, cannot be included in an Exploration Contract.

It is recommended that another Exploration Contract be prepared, together with supporting exhibits and maps that are required for illustrating the exploration contemplated. It is believed that a conference with you at this office would expedite the preparation of these data as there are certain features which cannot be readily explained by letter.

If this suggestion is acceptable to you, please advise us when we may expect you.

Sincerely yours,

C. O. Mittendorf 7/26

C. O. Mittendorf, Director
Production Expansion Division

PBBlakemore/meh
cc to: Reports and Records
Adm. Reading File
Mittendorf, Olund
Blakemore
Region III (2)
Billings
Lyon
McKnight

FILE COPY
SURNAME:

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

June 11, 1951

Mr. Arthur J. Conlon
President
Cedar Mountain Mining Corporation
11 Broadway
New York City, New York

Subject: DMA-1312X
Re: Exploration Loan - Simon Mine

My dear Mr. Conlon:

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-1312X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch, on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1312X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:hb

Copy to: Mr. Strobel
Mr. Lyon
Mr. Herres
Files

Broken
[illegible]
[illegible]
6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1312X

To: Director, Production Expansion Division

Commodity Lead-zinc-copper

From: Director, Supply Division

Total Amount $145,000.00

Govt. Participation 50%

1. Name and Address of Applicant Cedar Mountain Mining Corporation c/o Parker & Parker, 11 Broadway, New York City.

2. Location of Property Simon Mining District, Mineral County, Nevada, 23 miles NE of Mina, Nevada. Claims listed in MF-103 apparently the work is to be done on January, Mammoth, Mammoth Extension and Ford Claims

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

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 See attached statement

b) Poor

c) None

d) Don't know—needs field examination

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?

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

4. (a) Rocks of this region consist of Triassic limestones and interbedded volcanic rocks, intruded by stocks of granodiorite and dikes of varying composition, and Tertiary volcanic rocks. A main transverse fault cutting the area bring Tertiary Volcanics north of the fault against the Triassic limestones, volcanics and the intrusive rocks south of the structure. In the mine area smaller faults cut the mineralized ground The ore bodies, which consist of jasperoid and associated galena and sphalerite, as well as lesser copper, are replacements of the Triassic limestone. Geologic maps accompanying this application do not differentiate the various igneous rocks so that the geology is somewhat obscure. Notwithstanding, these maps clearly show that the distribution of limestone is comparatively irregular and that ore bodies are irregular in shape and extent.

The applicant proposes to explore the upward extent of an ore body at the west end of the mine which has been cut by drifts on the 800, 900, and 1,000 levels (now flooded). The assays on these levels are good and should mineralization continue upward for any extent a mineable body of moderate size is indicated. Diamond drilling, the most feasible method of exploration, is proposed from the 300 and 400 levels. Owing to the comparatively erratic distribution of limestone and associated mineralization, it is suggested that the approved exploration be carefully watched and that the stop clause be invoked should it become evident that the limestone does not continue upward.

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

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

a) Available manpower Not many men required - should be available - yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes, to be made available from mine.

e) Power (question 13)* Yes - Diesel

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

P. B. Butler, Vice-President, Director, Mining & Metallurgical Engineer and operator of many years' experience.

Is a field check needed on this point? No

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

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Partly

If not, what part of it is? See attached statement

10. (c) Details of this application are exhibits attached to MF-200

Of the various items proposed, only the following have any merit:

Preparing drilling stations.....	$ 1,500.00
Additional hoisting equipment.....	1,000.00
Diamond drilling operations.....	22,500.00
	$25,000.00

In addition, sums necessary to service and house the exploration crew should be approved. The original request of $145,000.00 is inordinately high.

Is this part a worthwhile exploration project? Yes

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft. See attached by T.P.B.

e) Are the cost estimates reasonable? Yes, see attached by T. P. B.

f) Should more information be requested from applicant? _____

g) Is a field examination necessary to complete Exhibit A? No

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? _____ If so, attach a draft.

c) Is a field check needed? No

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

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft. see attached by T.P.B.

c) Are rents and charges reasonable? Yes, see attached by T. P. B.

d) Is a field check needed? No

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

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes, see attached by T. P. B.

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes, see attached -T.P.B.

e) Is a field check needed? No

Docket DMA-1312X

Proposed by T. P. Billings Simon Mine - Cedar Mt. Mining Corp.

Drilling proposed by P. B. Butler See report by P.B. Butler - 1949

D. D. H. from surface

1.	650'	Hanging	side-bottoms	at	about	600'	level,	Main	shaft.		
2.	300'	"	"	"	"	"	400'	"	"	"	
3.	150'	"	"	"	"	"	200'	"	"	"	
	1100'	Total									

From 400 level extended from Main Shaft.

4.	550'	Footwall	side-bottoms	at	about	700'	level -	Main	Shaft.		
5.	400'	"	"	"	"	"	500'	"	"	"	
6.	300'	"	"	"	"	"	300'	"	"	"	
	1250'	Total									
	2350'	Grand Total									

Proposed extension westerly of present face of 400' level from Main Shaft. About 500'.

Ore Reserves West Orebody Below 800' level - 800 - 1000

Tons Developed	Tons Probable	
20,000	20,000	See page 8 - P. B. Butler report 1949.

Av. Assay:	Au. ozs.	Ag. ozs.	Pb %	Zn %	Cu %
	.0167	8.0	8.0	5.3	1.5

Tons Possible Ore Reserves - Above 800' level 40,000

Current Metal Prices		Gross Value Per Ton	
Au $35.00 per oz	=	.0167 oz. x $35	= $ 0.4845
Ag 0.9016 per oz.		8 oz. x 0.9016	= 7.2128
Pb. 17¢ per lb.		160 lbs. x 17¢	= 27.20
Zn 17½¢ per lb.		106 lbs. x 17½¢	= 18.55
Cu 24¢ per lb.		30 lbs. x 24¢	= 7.20
			$60.6463

Estimated Gross Value = $ 60.6463 per ton.

Allowing economic recovery of 50% = $30.3231 Net Smelter Returns.
Said estimated Net Smelter Returns of $30.3231 per ton of crude is based upon a modern milling operation by flotation of sulfide lead-zinc, coppers ores, producing lead concentrates and zinc concentrates at mine and their shipment to custom smelters in Utah and Montana. Roughly estimating total mining and milling cost at $20.00 per ton of crude ore, indicates a profit of about $10.00 per ton.

Estimated - probable and possible ore reserves in this west ore shoot of 80,000 tons down to 1,000 level, indicates a profit of about $80,000.00 from the west ore shoot.

To attain the total cost of $20.00 per ton af crude ore would require a rate of production of about 200 tons per day or 60,000 tons per year.

According to reports by mining engineers and submitted by applicant, the old parts of the mine toward the east and connected by levels at regular intervals with the main shaft should be capable of contributing a part of the indicated rate of production. Also, there appears good probability of downward extensions of ore being developed below present 1,000 level.

Procedural Instruction - 5A.

(3) Exploration of west ore shoot, recommended by A. J. Bodenlos, appears to be a worthy project.

Alternative proposal by T. P. Billings, as follows:

Rehabilitation and repair of buildings.....	$ 1,000.00
Rehabilitation of main shaft to and including portion of 400 level.....	5,000.00
Power unit at main shaft - Diesel, 150-200 h.p. for hoist and compressor rental at 784/month for 7 months.....	5,488.00
Hoist: Rental, single drum 57-67 h.p. at 169/mo. for 7 months.....	1,183.00
Loader: Rental, Eimco 12B at 275/mo. for 3 months	825.00
Drifters: Rental, 3 inch, 2 required, each 87/mo. for 3 months.....	522.00
	14,018.00

(3) (Contd.)

carried forward -	$ 14,018.00
Cars: Rental, 20-24 cu.ft., 4 required, each at 26/mo for 3 months.....	312.00
Miscellaneous equipment for temporary shop.....	500.00
Proposed extension of 400 level, 500 ft. 6x7' crosscut at $30/ft.....	15000.00
Drilling station, 400 level for 3 holes (See P. B. Butler's report 1949).....	500.00
Diamond drilling 400 level, length of holes 150 to 700' - 3 holes contract	
" " 1200' at $5.00 per ft. (See P.B. Butler's report 1949).....	6000.00
" " 400 level, 60 shifts = Hoistman at $15.00 per shift.....	900.00
" " Power and supplies, 60 shifts for compressor and hoist at $10/shift.....	600.00
" " Surface contract, Power and supplies by contractor, 1300 ft. at $6/ft (see P. B. Butler's report 1949).....	7800.00
Supervision - including drill core storage and properly logged 7 months at $450/mo.....	3150.00
Total cost..... $	48,780.00

T. P. Billings

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes, see attached by T. P. B.

c) Reasonable? Yes, see attached by T. P. B.

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(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: A. J. Bodenlos GS

T. P. Billings BMA

Date 6-28-51

Approved
Tom Lyon

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

16. It is recommended that the application be approved to the extent of diamond drilling from the third and fourth levels, together with such costs necessary to supervise and maintain the exploration crew.

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-1012X

Date received 5/29/51

Participation

CEDAR MOUNTAIN MINING CORPORATION
c/o PARKER & PARKER
11 BROADWAY, N. Y. C.
NEW YORK

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $145,000.00

Mineral or metal Silver, Lead, Zinc, Copper

Percentage of Government participation 50%

Location of mine Mineral County
Mina, Nevada

Date of filing MF-100 May 24, 1951

DMA Docket Number, if available DMA-1012X

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.

Cedar Mountain Mining Corporation
(Name of company)

By Arthur J. Conlon
(Signature of authorized official)

May 24, 1951
(Date)

President
(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
(Cedar Mountain Mining Corporation)
11 Broadway
New York City, New York

1. Corporation

2. -------

3. Arthur J. Conlon Harvard Club Boston, Mass. President Director

Jerome Parker 11 Broadway New York City Treasurer Director

Percy Bennett Butler 1250 Beverly Glen Boulevard Los Angeles, California Vice-Pres. Director

Daniel Hanlon Winthrop House Washington, D. C. Director

Dr. Stanley J. Wolfe 2121 Westbury Court Brooklyn, N. Y. Secretary Director

4. Percy Bennett Butler 1259 Beverly Glen Boulevard Los Angeles, Cal.
(Mg. & Met. Engineer)
Experience of Operator:
1898-1904 Mexico and Central America, with Amer. & British mining cos.
1904-1914 Mexico. Independent mine owner and operator.
1915-1929 Manager and Director of Mining Div. of Barnsdall Corporation (N. Y.) 15 years. Tri-State mg. Dist. properties & others throughout U. S. and Mexico.
1930-1940 Investigation of zinc & lead-zinc resources of southwestern U. S. Gold lode & gravel properties in California.
1941-1942 War Production Board, (Zinc Section) in Washington, D. C.
1943-1944 Defense Plant Corporation in Nevada.
1944-1950 General mining & Metallurgical practice and special investigations.

Former Director, various Committees, first Chairman Section No. 6, all of Amer. Inst. Mg. & Met. Engineers.
Former Director, V. P., and Executive Comm., Amer. Zinc Inst.
Former Governor, Tri-State Zinc & Lead Ore Producers Association.
Mining Committee, Los Angeles Chamber of Commerce.
Co-inventor of Butler Underground Mechanical Shovel.

5. Owner

6. Claim filed by one Merle Swanson of Mina, Nevada against former lessee for trucking charges.

7. ---------

8. Herewith

9. one half of estimated cost of project. ($72,500)

Form MF-103 (Cedar Mountain Mining Corporation
11 Broadway
New York City, New York)

10. (a) All of those certain lots, pieces and parcel of land lying, being and situated in the County of Mineral, State of Nevada, and particularly described as follows, to wit:-

I. Each and every and all of those certain patented lode mining claims situate in the Simon Mining District(formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the Bell, Carbonate, Confident, Confident No. 1, Confident No. 2, Ford, January, Lillian, Lillian No. 1, Lillian No. 2, Mitchell, Mammoth Extension, Pilot, Simples, Valley View, Valley View Fraction, Victory, Victory No. 1 and Victory No. 2.

II. Each and every and all of those certain unpatented lode mining claims situate in the Simon Mining District (formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the By-G, Consolidated, Fraction, Forlorn Hope, Minnetonka, Moonlight, Nedra, Oro Fino No. 1, Oro Jino No. 3, Pale Moon, Soldier, Simon Silver Lead Extension, Simon Silver Lead Extension No. 1, Simon Silver Lead Extension No. 2, Simon Silver Lead Extension No. 3 and Simon Silver Lead Extension No 6.

III. That certain lot, piece or parcel of land lying, being and situate in the County of Mineral, State of Nevada, and particularly described as the North Half of the Southwest Quarter of the Northeast Quarter ($N\frac{1}{2}$ of $SW\frac{1}{4}$) of Section 8, Township 6 North, Range 35 East, MDB & M.

(b) See report by P. B. Butler, submitted to the Bureau of Mines in November 1950.

11. The present name: Cedar Mountain Mining Corporation
former name: Simon Lead and Zinc Mines

12. Refer to P. B. Butler. Report has been submitted.

13. Potable water is recently available in wells about three miles from mine. Potable water used in former operations was pumped from a large spring on the seventh level of the mine, which is now under water. Power requirements stated in MF-100.

14. Answered in form MF-100

15. Ore and concentrates (the latter milled at mine plant) are shipped by truck to town of Mina (23 miles) and from there, to smelters at Salt Lake, Tooele and Great Falls, Mont., and to El Paso, Dumas, and Amarillo, Texas.

16. See report by P. B. Butler, 1950

17. Mine is not in production.

18. See report by P. B. Butler.

19. All conditions have been stated.

20, 21, 22. See Butler's report furnished to the Bureau of Mines as above mentioned.

23.

Requirements & Costs

(a) Miner : $1.50 per hour 5½ days+½ days overtime $325.00 a month
Others: 1.25 per hour 5½ days+½ days overtime $325.00 a month

(b) Manager $750 per month Superintendent $500.00 per month
Mine Foreman $400 per month Mill Foreman $400 per month

	Preliminary development and diamond drilling	$ 60,000
(c)	Surface buildings and equipment	15,000
(d)	Additional equipment and facilities	15,000
(e)	Power equipment, compressor, hoist, etc.	40,000
(f)	None	
(g)	None	
(h)	Supplies and Inventories	15,000
	TOTAL	$145,000.

24.

B U D G E T

Time Schedule and Costs.

	July	August	Sept.	Oct.	Nov.	Totals
Explor. Dia-dr'l'g. & Equipmt. (west orebody)	$ 5,000	$10,000	$15,000	$	$	$30,000
Explor. Dia-dr'l'g. & equipment (3rd.4th.5th levels)		5,000	10,000	15,000		30,000
Rehabilitation-Surface, bldgs. & equipment		5,000	5,000	5,000		15,000
Explor. Power, compressor & hoist		5,000	5,000	15,000	15,000	40,000
Explor. Additional equip. for mine			5,000	5,000	5,000	15,000
Explor. Inventories & supplies		2,000	5,000	5,000	5,000	15,000
TOTALS	$ 5,000	$27,000	$43,000	$45,000	$25,000	$145,000
Funds to be advanced by DMA(50% of total)	$ 2,500	$13,500	$21,500	$22,500	$12,500	$ 72,500
Funds to be advanced by owners(50% of total)						
200 KW Diesel Generating Power set, value at property	$32,000					
100 HP dbl-drm. elect. hoist (1000') depth value of property		$15,000				
100 HP elect. Compressor 470 CFM, val. of property				$15,000		
Cash or other equipmt.	$10,500					
	$42,500	$15,000		$15,000		$ 72,500
				TOTAL		$145,000

Note: No provision is made in the above for the rehabilitation and equipment of the milling plant, the cost of which is estimated at $105,000.

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-1312X

Date received 5/29/51

CEDAR MOUNTAIN MINING CORPORATION
11 BROADWAY
NEW YORK CITY, NEW YORK

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)
Arthur J. Conlon Harvard Club, Boston	D President	None	50,000	30	--		
Jerome Parker 11 Broadway, N.Y.C.	D Treasurer	"	100,000	110	--		
Percy Bennett Butler Los Angeles, Cal.	D Vice-Pres.	"	100,000	20	--		
Stanley J. Wolfe M.D. Brooklyn, N. Y. C.	D Secretary	"	10,000	20	--		
Daniel Hanlon Washington, D.C.	D	"	100,000	20	--		
	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: 200 Shares Common Stock

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock 200 shares	$ 200 shs.	$ Same	$ No Par	Same	None
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.

(*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.

Cedar Mountain Mining Corporation
(Name of company)

By Arthur J. Conlon
(Signature of authorized official)

May 24, 1951
(Date)

President
(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

General Technical Data

1. - Materials produced:

(a) Lead, silver, zinc, copper; ores & concentrates.
(b) Sulphur.

2. - Type of mine:

Fracture zone in which ores occur in limestone-keratophyre contacts as a replacement of limestone.

Ores are mined from underground stopes and extracted thru an 800-ft. vertical shaft. Ores were formerly processed in a 175-ton flotation mill(now partly dismantled) and concentrates were sold to smelters. Preliminary operations will consist of diamond drilling; production operations will consist of drifting, raising, sinking, tramming & hoisting ores. Surface operations will consist of tramming, milling and shipping concentrates and ores.

Property is known as the Simon Mine in the Bell Mining Dist., Mineral County, Nev.

(a) Shafts: "Old shaft" is an incline to 506' level.(not used now). Main shaft is a 3-compartment, vertical shaft 820 feet deep. Main winze is 220'

(b) Approx. measurement of drifts:

Adit level	(old shaft)	600 ft.
49',80',130' lev.	"	1000
252 lev.	"	1600
353 "	(main shaft)	3500
474 "	"	900
505 "	"	2800
706 "	"	3200
807 "	"	2100
900 "	"	1500
1000 "	"	300
		17500 ft.

(c) See above in (a)
(d) " " " (a & b)

Mine water level is at 440 ft.; below that point mine is flooded. Operations record indicate a water flow below the 440 level of less than 100 gals. per minute.

3. - (a) Distance and direction from nearest town and shipping point: The town of Mina lies 23 miles southeast of the mine. This is the shipping point on the Sou.Pac. railroad.
(b) Bell Mining District.
(c) Township 6, Range 35, Section 8
(d) Mineral County.

4. - (a) Property is not in operation.
(b) Owner

5. - Property was in operation from 1915 to 1932. Mill was put in operation in 1923 and ran until 1927.

6. - (Attached)

7. - History: see report and description of former operations by P.B.Butler (1950) in report submitted to Bureau of Mines in Nov. 1950.

8. Described herein

9. Herein

10. Refer to reports as above, No. 7

11. 100 to 200 tons per day for the mill.

12. Refer to reports as above.

13. Gravelled road from Mine to mine is in use all year.

14. Potable water is recently available in wells about three miles from mine. Potable water used in former operations was pumped from a large spring on the seventh level of the mine, which is now under water.

15. Power requirements based on full operations when mining 200 tons per day.

Hoist	100 HP
Compressed Air	300 Hp
Other requirements	50 HP
Mill	300 Hp
TOTAL	750 HP

16. Labor: is available at present. The property is in a well-known mining district and labor has always been obtainable. The number of men required on the basis of mining and milling 175 tons of ore per day, equal to 4,500 tons per month; running 5½ days per week:

Miners	30 men	$325 per month.
Mill & Surface	9 men	250 per month.
Others	2 men	300 per month.

17. Equipment: at present at mine:
Superintendent's house, office, warehouse, ten family houses, Mess hall; all require some repair. Headframes, hoppers, hoist-house, compressor-house, machine & blacksmith shop, store-room, transformer-house-air receiver.
Crusher-house and conveyor house, mill bldg.(140'x120') and loading platforms. Machinery has been removed but mill bldg. is in satisfactory condition.

18. None

6.- Experience of Operator:

Occupational record of P.B.Butler,Mg. & Met. Eng.

1898 - 1904 - Mexico & Central America,with Amer.& British Mining Cos.

1904 - 1914 - Mexico. Independent mine owner & operator.

1915 - 1929 - Manager & Director of Mining Div. of Barnsdall Corporation (N.Y.). 15 yrs. Tri-State Mg. Dist.properties & others throughout U.S. & Mexico.

1930 - 1940 - Investigation of zinc & lead-zinc resources of south-western U.S. Gold lode & gravel properties in Calif.

1941 - 1942 - War Production Board,(zinc section) in Washington, D.C.

1943 - 1944 - Defense Plant Corp. in Nevada

1944 - 1950 - General mining & Metallurgical practice and special investigations.

Former Director, various Committees, first Chairman Section No. 6, all of Amer, Inst. Mg. & Met. Engrs.
Former Director, V.P. & Executive Comm., Amer. Zinc.Inst.
Former Governor, TriState Zinc & Lead Ore Producers Association
Mining Committee, Los Angeles Chamber of Commerce
Co-Inventor of Butler UndergroundMechanical Shovel.

MF-200
(April 1951)

Docket No. DMA 1812X

Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 24th day of May, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Cedar Mountain Mining Corporation
11 Broadway
New York City, New York

hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Nevada, County of Mineral described as follows: [3]

ATTACHED

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

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: Only claim outstanding is by one Merle Swanson for trucking charges against former lessee now in litigation.

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

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

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

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

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

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

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

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

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

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

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator fifty percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $72,500, which is fifty percent of the agreed estimated total cost of this project, $145,000.

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

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

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

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

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

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

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

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

Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____

Cedar Mountain Mining Corporation
(Operator)

By Arthur J. Conlon
President

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

Form MF 200

Exploration Project

Exhibit A

The property at present is idle but has formerly produced over 100,000 tons ore with a metal content of 3.2 oz. Ag, 4.8% Pb, 5.5% Zn, most of which came from above the 5th level from stopes that still are open and contain millable ore faces. On the lower west levels a higher grade orebody was opened(but not stoped) on the 8th, 9th, and 10th levels that was never opened above the 8th. It is believed that this oreshoot extends up to the 3rd or the 2nd levels, at which horizon the mine produced high tonnages from large orebodies. To determine this it is proposed to diamond-drill from the 4th level south. See sketches in report of P.B.Butler 1950.

It is also proposed to diamond-drill on the 3rd and 4th levels through the extensively mineralized fracture zone(limestone-keratophyre) in which there is much virgin ground and at which levels much of the ore produced was extracted.

If ore in substantial quantities is found, it is proposed then to rehabilitate the mill, the building of which is in good shape.
Note: see report by P.B.Butler, 1950.

The above proposals contemplate:

Cleaning out & preparing Lev.No.4 sou. to permit operation of diamond-drill machines for the development of the upward extension of the orebody found and left in the 8th level sou.	$1500.
Additional hoisting equipment, principally a small diesel compressor to be used as a starter for the gasoline hoisting engine now installed at shaft.	1000.
Diamond-drilling operations from 4th lev. 9 holes with aggregate length of 3,400 ft.	10,000.
Diamond-drilling,3rd & 4th levels	12,500.
Supervision,engineering, hoistman, 5 mos.	5000.
Connection, main shaft to western oreshoot & upraise to surface for shaft	30,000.

Exhibit B. Form MF 103-#23

Repairs: Office, residences, shops,messhall,compressor & engine rooms, transformer house	15,000.
Power plant,compressors, dd Hoist,cars etc.	40,000.
Supplies, inventories, utilities	15,000.
Hoist, shaft equipment for shaft west oreshoot	15,000.
TOTAL	$145,000.

Exhibit C. Form MF 200

Headframe, sheaves, bailing skips, cages, air & water pipes in shaft to 88' lev.,hoisting engine, two cables, compressors-change-crusher-conveyor-machine-blacksmith houses, Mill bldg. Office, superintendents store houses,10 residences, roads, mine trackage, cars. .....$50,000.

Exhibit D

See Form MF 100

Exhibit E

See Form MF 103 (#23)

SIMON LEAD AND ZINC MINE
MINERAL COUNTY, NEVADA

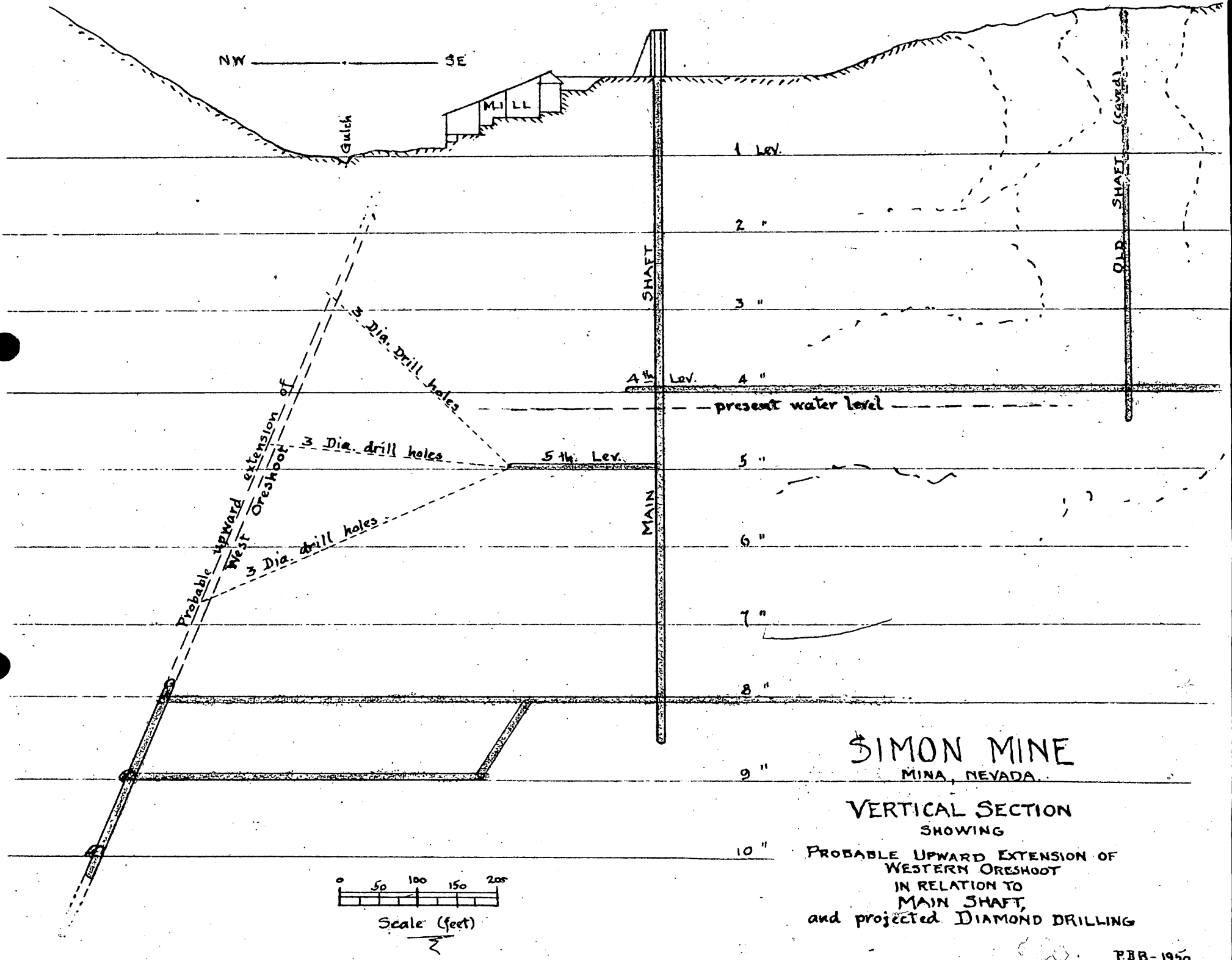
Now Cedar Mountain
Mining Corporation

All of those certain lots, pieces and parcel of land lying, being and situate in the County of Mineral, State of Nevada, and particularly described as follows, to wit:

I. Each and every and all of those certain patented lode mining claims situate in the Simon Mining District (formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the Bell, Carbonate, Confident, Confident No. 1, Confident No. 2, Ford, January, Lillian, Lillian No. 1, Lillian No. 2, Mitchell, Mammoth Extension, Pilot, Simples, Valley View, Valley View Fraction, Victory, Victory No. 1 and Victory No. 2.

II. Each and every and all of those certain unpatented lode mining claims situate in the Simon Mining District (formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the By-G, Consolidated, Fraction, Forlorn Hope, Minnetonka, Moonlight, Nedra, Oro Fino No. 1, Oro Fino No. 3, Pale Moon, Soldier, Simon Silver Lead Extension, Simon Silver Lead Extension No. 1, Simon Silver Lead Extension No. 2, Simon Silver Lead Extension No. 3 and Simon Silver Lead Extension No. 6.

III. That certain lot, piece or parcel of land lying, being and situate in the County of Mineral, State of Nevada, and particularly described as the North Half of the Southwest Quarter of the Northeast Quarter ($N\frac{1}{2}$ of $SW\frac{1}{4}$) of Section 8, Township 6 North, Range 35 East, MDB & M.



SIMON MINE

MINA, NEVADA.

VERTICAL SECTION

SHOWING

PROBABLE UPWARD EXTENSION OF WESTERN ORESHOOT IN RELATION TO MAIN SHAFT, and projected DIAMOND DRILLING

P.B.B.-1950

MF-200
(April 1951)

Docket No. DMA 1312X

Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 24th day of May, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2]

Cedar Mountain Mining Corporation
11 Broadway
New York City, New York

hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Nevada, County of Mineral described as follows: [3]

ATTACHED

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

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: Only claim outstanding is by one Merle Swanson for trucking charges against former lessee now in litigation.

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

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

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

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

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

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

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

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

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

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

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator fifty percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $ 72,500, which is fifty percent of the agreed estimated total cost of this project, $ 145,000.

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

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

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

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

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

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

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

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

Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____

Cedar Mountain Mining Corporation
(Operator)

By Arthur J. Conlon
President

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

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-1312X

Date received 5/29/51

Cedar Mountain Mining Corporation
11 Broadway
New York City, New York

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)
Arthur J. Conlon	D						
Harvard Club, Boston	President	None	50,000	30	--		
Jerome Parker	D						
11 Broadway N.Y.C.	Treasurer	"	100,000	110	--		
Percy Bennett Butler	D						
Los Angeles, Cal.	Vice-Pres.	"	100,000	20	--		
Daniel Hanlon							
Washington D. C.	D	"	100,000	20	--		
Stanley J. Wolfe M.D.	D						
Brooklyn, N.Y.C.	Secretary	"	10,000	20	--		
	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: 200 Shares Common Stock

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock 200 shares	$200 shs.	$ Same	$ No Par	Same	None
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.

(*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.

Cedar Mountain Mining Corporation
(Name of company)

By Arthur J. Conlon
(Signature of authorized official)

May 24, 1951
(Date)

President
(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.

See Docket [illegible]

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-1312X

Date received 5/29/51

Participation

CEDAR MOUNTAIN MINING CORPORATION
c/o PARKER & PARKER
11 BROADWAY, N. Y. C.
NEW YORK

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $145,000.00

Mineral or metal Silver, Lead, Zinc, Copper

Percentage of Government participation 50%

Location of mine Mineral County
Mina, Nevada

Date of filing MF-100 May 24, 1951

DMA Docket Number, if available DMA-1312X

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.

Cedar Mountain Mining Corporation (Name of company) By Arthur J. Conlon (Signature of authorized official)

May 24, 1951 (Date) President (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

List of Maps
accompanying "Compilation of Data" by
P. D. Butler
concerning the
SIMON MINE, Mineral Co., Nevada.

No.	
---	Claim Map (with workings shown thereon),
1	Composite plan of Levels & Workings,
1A	" " " " " " , below 252 ft. Lev.; (Ore reserves are shown on this plan).
2	Geologic plan, - workings above 355 ft. level;
3	" " - 355 foot Level;
4	" " - 474 " " ;
5	" " - 505 " " ;
6	" " - 706 " " ;
7A[1]	" " - 807 " " ;
7A[2]	Assay map - " " " ;
7B[1]	Geologic " - 8th. & 9th. Levels;
7B[2]	Assay map - 9th. & 10th. " ;
8	Geologic Cross Sections, Nos. 16, 14, & 12;
9	" " " , " 8, 5, & 2;
10	" " " , Sec. 4 & Sec. 31;
11	" " " , " & 10;
12	Small Claim map, showing workings;
13	District Map(1910); (incldg. Simon Sterling & Simon Contact)
A	Assay Map, 107 foot Level;
B	" " , 252 " " ;
C	" " , 355 " " ;

Various levels - survey by Mangold - 1926

Form MF-100

General Technical Data

1. Materials produced:
   (a) Lead, silver, zinc, copper; ores and concentrates.
   (b) Sulphur

2. Type of mine:

Fracture zone in which ores occur in limestone-keratophyre contacts as a replacement of linestone.

Ores are mined from underground stopes and extracted thru an 800-foot vertical shaft. Ores were formerly processed in a 175-ton flotation mill (now partly dismantled) and concentrates were sold to smelters. Preliminary operations will consist of diamond drilling; production operations will consist of drifting, raising, sinking, tramming and hoisting ores. Surface operations will consist of tramming, milling and shipping concentrates and ores.

Property is know as the Simon Mine in the Bell Mining District, Mineral County, Nevada.

(a) Shafts: "Old shaft" is an incline to 506' level. (not used now). Main shaft is a 3-compartment, vertical shaft 820 feet deep. Main winze is 220'.

(b) Approx. measurement of drifts:

Adit level	(old shaft)	600 ft.
49' 80' 130' lev.	"	1000
252 lev.	"	1600
353 "	(main shaft)	3500
474 "	"	900
505 "	"	2800
706 "	"	3200
807 "	"	2100
900 "	"	1500
1000 "	"	300
		17500 ft.

(c) See above in (a)
(d) " " " (a and b)

Mine water level is at 440 ft.; below that point mine is flooded. Operations record indicate a water flow below the 440 level of less than 100 gallons per minute.

3. (a) Distance and direction from nearest town and shipping point: The town of Mina lies 23 miles southeast of the mine. This is the shipping point on the South Pacific railroad.
   (b) Bell Mining District.
   (c) Township 6, Range 35, Section 8
   (d) Mineral County.

4. (a) Property is not in operation
   (b) Owner

5. Property was in operation from 1915 to 1932. Mill was put in operation in 1923 and ran until 1927.

6. Attached

7. History: See report and description of former operations by P. B. Butler (1950) in report submitted to Bureau of Mines in November, 1950.

8. Described herein

9. Herein

10. Refer to reports as above, No. 7

11. 100 to 200 tons per day for the mill.

12. Refer to reports as above.

13. Gravelled road from Mine to mine is in use all year.

14. Potable water is recently available in wells about three miles from mine. Potable water used in former operations was pumped from a large spring on the seventh level of the mine, which is now under water.

15. Power requirements based on full operations when mining 200 tons per day.

Hoist	100 HP
Compressed Air	300 Hp
Other requirements	50 HP
Mill	300 Hp
TOTAL	750 HP

16. Labor: is available at present. The property is in a well-known mining district and labor has always been obtainable. The number of men required on the basis of mining and milling 175 tons of ore per day, equal to 4,500 tons per month; running 5½ days per week:

Miners	30 men	$325 per month.
Mill & Surface	9 men	250 per month.
Others	2 men	300 per month.

17. Equipment: at present at mine:
Superintendent's house, office, warehouse, ten family houses, Mess hall; all require some repair. Headframes, hoppers, hoist-house, compressor-house, machine & blacksmith shop, store-room, transformer-house-air receiver.
Crusher-house and conveyor house, mill bldg.(140'x120') and loading platforms. Machinery has been removed but mill bldg. is in satisfactory condition.

18. None

6. Experience of Operator:

Occupational record of P. B. Butler, Mg. & Met. Eng.

1898-1904	Mexico & Central America, with Amer. & British Mining Cos.
1904-1914	Mexico. Independent mine owner & operator.
1915-1929	Manager & Director of Mining Div. of Barnsdall Corporation (N.Y.). Fifteen years, Tri-State Mining Dist. properties & others throughout U. S. & Mexico.
1930-1940	Investigation of zinc & lead-zinc resources of southwestern U. S. Gold lode & gravel properties in California.
1941-1942	War Production Board, (zinc section) in Washington, D. C.
1943-1944	Defense Plant Corporation in Nevada.
1944-1950	General mining & Metallurgical practice and special investigations.

Former Director, various Committees, first Chairman Section No. 6, all of Amer, Inst. Mg. & Met. Engrs.

Former Director, V.P. & Executive Comm., Amer. Zinc. Inst.

Former Governor, Tristate Zinc & Lead Ore Producers Ass.

Mining Committee, Los Angeles Chamber of Commerce

Co-Inventor of Butler Underground Mechanical Shovel.

[illegible]n MF-103
(Cedar Mountain Mining Corporation)
11 Broadway
New York City, New York

1. Corporation

2. -------

3. Arthur J. Conlon Harvard Club, Boston, Mass. President Director

Jerome Parker 11 Broadway New York City Treasurer Director

Percy Bennett Butler 1259 Beverly Glen Boulevard Los Angeles, California Vice-Pres. Director

Daniel Hanlon Winthrop House Washington, D. C. Director

Dr. Stanley J. Wolfe 2121 Westbury Court Brooklyn, N. Y. Secretary Director

4. Percy Bennett Butler 1259 Beverly Glen Boulevard Los Angeles, Cal.
(Mg. & Met. Engineer)
Experience of Operator:
1898-1904 Mexico and Central America, with Amer. & British mining cos.
1904-1914 Mexico. Independent mine owner and operator.
1915-1929 Manager and Director of Mining Div. of Barnsdall Corporation (N. Y.) 15 years. Tri-State mg. Dist. properties & others throughout U. S. and Mexico.
1930-1940 Investigation of zinc & lead-zinc resources of southwestern U. S. Gold lode & gravel properties in California.
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1943-1944 Defense Plant Corporation in Nevada.
1944-1950 General mining & Metallurgical practice and special investigations.

Former Director, various Committees, first Chairman Section No. 6, all of Amer. Inst. Mg. & Met. Engineers.
Former Director, V. P., and Executive Comm., Amer. Zinc Inst.
Former Governor, Tri-State Zinc & Lead Ore Producers Association.
Mining Committee, Los Angeles Chamber of Commerce.
Co-inventor of Butler Underground Mechanical Shovel.

5. Owner

6. Claim filed by one Merle Swanson of Mina, Nevada against former lessee for trucking charges.

7. ---------

8. Herewith

9. one half of estimated cost of project. ($72,500)

MF-103 (Cedar Mountain Mining Corporation
11 Broadway
New York City, New York)

10. (a) All of those certain lots, pieces and parcel of land lying, being and situated in the County of Mineral, State of Nevada, and particularly described as follows, to wit:-

I. Each and every and all of those certain patented lode mining claims situate in the Simon Mining District(formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the Bell, Carbonate, Confident, Confident No. 1, Confident No. 2, Ford, January, Lillian, Lillian No. 1, Lillian No. 2, Mitchell, Mammoth Extension, Pilot, Simples, Valley View, Valley View Fraction, Victory, Victory No. 1 and Victory No. 2.

II. Each and every and all of those certain unpatented lode mining claims situate in the Simon Mining District (formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the By-G, Consolidated, Fraction, Forlorn Hope, Minnetonka, Moonlight, Nedra, Oro Fino No. 1, Oro Jino No. 3, Pale Moon, Soldier, Simon Silver Lead Extension, Simon Silver Lead Extension No. 1, Simon Silver Lead Extension No. 2, Simon Silver Lead Extension No. 3 and Simon Silver Lead Extension No 6.

III. That certain lot, piece or parcel of land lying, being and situate in the County of Mineral, State of Nevada, and particularly described as the North Half of the Southwest Quarter of the Northeast Quarter ($N\frac{1}{2}$ of $SW\frac{1}{4}$) of Section 8, Township 6 North, Range 35 East, MDB & M.

(b) See report by P. B. Butler, submitted to the Bureau of Mines in November 1950.

11. The present name: Cedar Mountain Mining Corporation
former name: Simon Lead and Zinc Mines

12. Refer to P. B. Butler. Report has been submitted.

13. Potable water is recently available in wells about three miles from mine. Potable water used in former operations was pumped from a large spring on the seventh level of the mine, which is now under water. Power requirements stated in MF-100.

14. Answered in form MF-100

15. Ore and concentrates (the latter milled at mine plant) are shipped by truck to town of Mina (23 miles) and from there, to smelters at Salt Lake, Tooele and Great Falls, Mont., and to El Paso, Dumas, and Amarillo, Texas.

16. See report by P. B. Butler, 1950

17. Mine is not in production.

18. See report by P. B. Butler.

19. All conditions have been stated.

20, 21, 22. See Butler's report furnished to the Bureau of Mines as above mentioned.

23. Requirements & Costs

(a) Miner : $1.50 per hour 5½ days+½ days overtime $325.00 a month
Others: 1.25 per hour 5½ days+½ days overtime $325.00 a month

(b) Manager $750 per month Superintendent $500.00 per month
Mine Foreman $400 per month Mill Foreman $400 per month
Preliminary development and diamond drilling $ 60,000

(c) Surface buildings and equipment 15,000

(d) Additional equipment and facilities 15,000

(e) Power equipment, compressor, hoist, etc. 40,000

(f) None

(g) None

(h) Supplies and Inventories 15,000

TOTAL $145,000.

24. BUDGET

Time Schedule and Costs.

	July	August	Sept.	Oct.	Nov.	Totals
Explor. Dia-dr'l'g. & Equipmt.(west orebody)	$ 5,000	$10,000	$15,000	$	$	$30,000
Explor. Dia-dr'l'g. & equipment (3rd.4th.5th levels)		5,000	10,000	15,000		30,000
Rehabilitation-Surface, bldgs. & equipment		5,000	5,000	5,000		15,000
Explor. Power, compressor & hoist		5,000	5,000	15,000	15,000	40,000
Explor. Additional equip. for mine			5,000	5,000	5,000	15,000
Explor. Inventories & supplies		2,000	3,000	5,000	5,000	15,000
TOTALS	$ 5,000	$27,000	$43,000	$45,000	$25,000	$145,000
Funds to be advanced by DMA(50% of total)	$ 2,500	$13,500	$21,500	$22,500	$12,500	$ 72,500
Funds to be advanced by owners(50% of total)						
200 KW Diesel Generating Power set, value at property	$32,000					
100 HP dbl-drm. elect. Hoist (1000') depth value of property		$15,000				
100 HP elect. Compressor 472 CFM, val. of property				$15,000		
Cash or other equipmt.	$10,500					
	$42,500	$15,000		$15,000		$ 72,500
				TOTAL		$145,000

Note: No provision is made in the above for the rehabilitation and equipment of the milling plant, the cost of which is estimated at $105,000.

Form MF 200

Exploration Project

Exhibit A

The property at present is idle but has formerly produced over 100,000 tons ore with a metal content of 3.2 oz. Ag, 4.8% Pb, 5.5% Zn, most of which came from above the 5th level from stopes that still are open and contain millable ore faces. On the lower west levels a higher grade orebody was opened(but not stoped) on the 8th, 9th, and 10th levels that was never opened above the 8th. It is believed that this oreshoot extends up to the 3rd or the 2nd levels, at which horizon the mine produced high tonnages from large orebodies. To determine this it is proposed to diamond-drill from the 4th level south. See sketches in report of P.B.Butler 1950.

It is also proposed to diamond-drill on the 3rd and 4th levels through the extensively mineralized fracture zone(limestone-keratophyre) in which there is much virgin ground and at which levels much of the ore produced was extracted.

If ore in substantial quantities is found, it is proposed then to rehabilitate the mill, the building of which is in good shape.
Note: see report by P.B.Butler, 1950.

The above proposals contemplate:

Cleaning out & preparing Lev.No.4 sou. to permit operation of diamond-drill machines for the development of the upward extension of the orebody found and left in the 8th level sou.	$1500.
Additional hoisting equipment, principally a small diesel compressor to be used as a starter for the gasoline hoisting engine now installed at shaft.	1000.
Diamond-drilling operations from 4th lev. 9 holes with aggregate length of 3,400 ft.	10,000.
Diamond-drilling ,3rd & 4th levels	12,500.
Supervision,engineering, hoistman, 5 mos.	5000.
Connection, main shaft to western oreshoot & upraise to surface for shaft	30,000.

Exhibit B. Form MF 103-#23

Repairs: Office, residences, shops,messhall,compressor & engine rooms, transformer house	15,000.
Power plant,compressors, dd Hoist,cars etc.	40,000.
Supplies, inventories, utilities	15,000.
Hoist, shaft equipment for shaft west oreshoot	15,000.
TOTAL	$145,000.

Exhibit C. Form MF 200

Headframe, sheaves, bailing skips, cages, air & water pipes in shaft to 88' lev.,hoisting engine, two cables, compressors-change-crusher-conveyor-machine-blacksmith houses, Mill bldg. Office, superintendents store houses,10 residences, roads, mine trackage, cars. .....$50,000.

Exhibit D

See Form MF 100

Exhibit E

See Form MF 103 (#23)

SIMON LEAD AND ZINC MIN
MINERAL COUNTY, NEVADA

Now Cedar Mountain
Mining Corporation

All of those certain lots, pieces and parcel of land lying, being and situate in the County of Mineral, State of Nevada, and particularly described as follows, to wit:

I. Each and every and all of those certain patented lode mining claims situate in the Simon Mining District (formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the Bell, Carbonate, Confident, Confident No. 1, Confident No. 2, Ford, January, Lillian, Lillian No. 1, Lillian No. 2, Mitchell, Mammoth Extension, Pilot, Simples, Valley View, Valley View Fraction, Victory, Victory No. 1 and Victory No. 2.

II. Each and every and all of those certain unpatented lode mining claims situate in the Simon Mining District (formerly the Bell Mining District) in the County of Mineral, State of Nevada, and known as, called and recorded as the By-G, Consolidated, Fraction, Forlorn Hope, Minnetonka, Moonlight, Nedra, Oro Fino No. 1, Oro Fino No. 3, Pale Moon, Soldier, Simon Silver Lead Extension, Simon Silver Lead Extension No. 1, Simon Silver Lead Extension No. 2, Simon Silver Lead Extension No. 3 and Simon Silver Lead Extension No. 6.

III. That certain lot, piece or parcel of land lying, being and situate in the County of Mineral, State of Nevada, and particularly described as the North Half of the Southwest Quarter of the Northeast Quarter ($N\frac{1}{2}$ of $SW\frac{1}{4}$) of Section 8, Township 6 North, Range 35 East, MDB & M.

LOAN APPLICATION

P. B. Butler, 1259 Beverley Glen Blvd., Los Angeles 24, California

Simon Mine - Lead, Zinc, Copper, Silver
Mineral County, Nevada

Memoranda November 9, 1950 - H. C. Miller to A. C. Johnson requesting an examination in company with P. B. Butler.

Memoranda November 22, 1950 - R. R. Trengove to A. C. Johnson - Summary report on data available on Simon Mine and program for rehabilitation.

Letter November 19, 1950 - P. B. Butler to A. C. Johnson requesting loan and details of rehabilitation expense involved.

Memoranda November 27, 1950 - Submittal of request A. C. Johnson to H. C. Miller.

Data on Simon Mine compiled in report form by P. B. Butler, 1949.

No.

-	Claim Map (with workings shown thereon);
1	Composite plan of Levels & workings;
1A	" " " " " " , below 252 ft. lev.;
	(Ore reserves are shown on this plan);
2	Geologic plan, - workings above 353 ft. level;
3	" " - 353 foot level;
4	" " - 474 " " ;
5	" " - 505 " " ;
6	" " - 706 " " ;
7A[1]	" " - 807 " " ;
7A[2]	Assay map - " " " ;
7B[1]	Geologic " - 8th & 9th levels;
7B[2]	Assay map - 9th & 10th " ;
8	Geologic Cross Sections, Nos. 16, 14 & 11;
9	" " " , " 8, 5, & 2 ;
10	" " " , Sec. L & Sec. 31;
11	" " " , " L 10;
12	Small Claim map, showing workings;
13	District Map (1919); (including Simon Sterling & Simon Contact)
A	Assay Map, 187 foot level;
B	" " , 252 " " ;
C	" " , 353 " " ;

P. B. Butler (Simon Mine)

Remarks: Loan requested $250,000. Most of which is for rehabilitation and equipment. Measured ore reserves stated to be as follows:

57,500 tons	2.5 oz. Ag; 4% Pb; 5% Zn
22,000 tons	8.0 oz. Ag; 0.167 oz. Au; 8.0% Pb; 5.3% Zn; 1.5% Cu.

Indicated ore is estimated to be 32,500 tons.

Based on data furnished this property could possibly produce a considerable emergency supply of lead and zinc.

Return to Mr. Herres

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

March 2, 1951

Memorandum

To: Otto Herres, Chief
Lead-Zinc Branch, DMA

From: Lead-Zinc Branch, DMA

Re: Docket DMA-134

Subject: Application of
P. B. Butler
Simon Mine
Mineral County Nevada

Commodity: Zinc, Lead

This application has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. The property was examined recently by Mr. Trengrove, an engineer attached to the Reno, Nevada office of the U. S. Bureau of Mines.

The field examination indicates that this application will qualify for aid in exploration under the program that was announced on February 20, 1951. It will be processed as soon as details are available. The preliminary recommendation submitted by Mr. Trengrove will be followed in part, therefore it will not be necessary to send the application to the field team.

Otto Herres

Herb Richardson

C. W. Merrill

DEFENSE MATERIALS ADMINISTRATION

Referral of Applications for Government Aid

Docket No. DMA - 134

Commodity: lead, zinc, copper, silver

Name of Applicant: P. B. Butler

Address of Applicant: 1259 Beverley Glen Boulevard, Los Angeles 24, California

Name of Property: Simon Mine

Location of Property: Mineral County, Nevada

Nature of Application: Loan of $250,000

Action Dates

Application: 11/19/50

Received: 12/12/50

Acknowledged:

Referred to NONFERROUS METALS Committee: 12/13/50

REGIONAL DIRECTOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

December 7, 1950

Mr. P. B. Butler
1259 Beverley Glen Boulevard
Los Angeles 24, California

Dear Mr. Butler:

For your information, your application for Government assistance re Simon Mine, Mineral County, Nevada, together with reports and other substantiating documents, is going forward today to the Defense Minerals Administration in Washington, D. C.

The next move is now up to Washington.

Sincerely yours,

H. C. MILLER

H. C. Miller
Regional Director, Region III

HCMiller:am

File s
Chrono

REGIONAL DIRECTOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

December 7, 1950

Memorandum

To: Deputy Administrator, Defense Minerals Administration--James Boyd, Washington, D. C.

From: Regional Director, Region III

Subject: Loan application--Simon Mine (lead, zinc, copper, silver), Mineral County, Nevada

Herewith is being sent our complete file on the loan application of Mr. P. B. Butler, 1259 Beverley Glen Boulevard, Los Angeles, Calif., for Government assistance under the Defense Production Act of 1950. An itemized list of the material being submitted, together with a few remarks based on our cursory review of the submitted material and a copy of the letter going forward today to Mr. Butler, accompanies the file.

H. C. Miller
Regional Director, Region III

Attachment (File)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region III

NEVADA - CALIFORNIA

P. O. Box 1551
Reno, Nevada

November 27, 1950

Memorandum

To: Mr. H. C. Miller, Regional Director, Region III

From: Chief, Mining Division, Region III

Subject: Application - Defense Production Act

Enclosed is application, under the Defense Production Act of 1950, from Mr. P. B. Butler, Agent of the Owners, of the Simon Mine, near Mina, Nevada, for rehabilitating and starting work on that property.

Also enclosed is a memorandum (in duplicate), addressed to me by Mr. R. R. Trengove, Mining Engineer of this Region. This covers the recent examination made by Mr. Trengove as well as his recommendation in the matter.

A. C. Johnson

A. C. Johnson

Encls.

Mining Division
Region III

Nevada - California

P. O. Box 1551
Reno, Nevada

Memorandum

Nov. 22, 1950

To: A. C. Johnson, Chief, Mining Division, Region III

From: R. R. Trengove, Mining Engineer, Region III

Subject: Simon Lead, Zinc, Copper, Silver Mine, Mineral Co., Nev.

The Simon Lead, Zinc, Copper, Silver Mine in Mineral Co., Nevada is situated about 22 miles northeast of Mina. It was investigated by W. T. Benson an engineer of the Bureau of Mines in January 1945 and again in March 1947 when the underground workings were accessible. Quoting Mr. Benson's conclusions in his report of January, 1945, "In view of the production of the property to date and the development possibilities previously outlined, it appears sufficient exploratory work should be done to determine if favorable areas are ore bearing." A drilling program amounting to $12,250 was recommended in 1946 and again in 1948.

Accompanied by Mr. P. B. Butler, mining engineer and consultant of Los Angeles, Calif., and agent for the owners, I visited the property on November 16, 1950.

The main shaft, sunk in 1920, was filled with water to a point 440 feet below the collar when the leasors ceased operations in 1947. No recent information is available on the depth of the water in the shaft and the condition of the ladders and air in the shaft. With some expense the mine above the water level could be made accessible for an examination. This expense would involve reconditioning the small single drum hoist, the employment of a hoist engineer to raise and lower the skip to start the circulation of the air and the employment of a miner familiar with the mine to act as a guide. Residents of Mina who were employed at the mine when the pumps were pulled were contacted. From their statements, the stations on the 700- and 800-foot levels are probably caved and also the 800 and 900 foot drifts to the west ore body are caved wherever the alaskite forms the hanging wall. One of the men contacted estimated that the mine was making 250 gallons of water per minute.

The main shaft headframe and the frame work of the mill appear to be in fair condition. The remaining buildings are either worthless or would involve considerable expense to place them in fair condition. The power line to Mina has been dismantled and power would have to be furnished either by Diesel power plant or possibly a new power line from Gabbs, about four miles distant.

The proposed diamond drill sites to explore for the extension of the west ore body was investigated. The topography is not favorable for obtaining this information at low cost. It appears that the work can be done at minimum cost from the 400 level. Diamond drill holes could be fanned out to better advantage from the underground and water for the drilling would be available from the underground workings. The proposed diamond drilling by Bureau engineer, W. T. Benson, is similar to that proposed by Mr. Butler, the only difference being the change in drill sites from surface to underground.

At present, because of the inaccessibility of the underground workings, an appraisal of the grade and quantity of the ore reserves must necessarily be made from reports of former superintendents and others who had access to the mine.

The company files were given to the consulting engineer, Mr. P. B. Butler who spent considerable time studying the numerous letters, maps, estimates and other matters of interest. This information was the basis for his report which is now on file in the Reno office of the Bureau of Mines.

It consists of the following data:

1. Proposal for the rehabilitation.
2. Ore and concentrates analysis chart.
3. Estimate of operating costs, production, and revenue.
4. Estimates of ore reserves tonnages.
5. Plan map showing outline of probable upper extension of lower west level oreshoot.
6. Vertical section showing proposed diamond drilling.
7. Compilation of data such as history, geology, mine reports, equipment.
8. Chart showing assay values.
9. Past production of ore and concentrates.
10. Ore reserves by J. Lee Bennett, General Superintendent, Sept. 30, 1927.
11. Excerpts from reports by Dr. Walter Reed, 1919.
12. U.S.G.S. report by Adolph Knopf, 1921.
13. Report by Oscar H. Hershey -- 1920.
14. Report by L. B. Spencer, Mining Engineer -- 1930.
15. Assays from lower levels 1930-1932.
16. Report of W. S. Tyler - 1934.
17. Summary of information obtained from old mining company reports.

SUBJECT: Simon Lead, Zinc, Copper, Silver Mine, Mineral Co., Nev. (Cont.)

Maps included with the report are as follows:

Map No.	Title
1	Claim map (with workings shown thereon).
1A	Composite plan of level & workings showing ore reserves.
2	Geologic plan, - workings above 353 ft. level.
3	" " - 353 ft. level.
4	" " - 474 " "
5	" " - 505 " "
6	" " - 706 " "
7A1	" " - 807 " "
7A2	Assay map - 807 " "
7B1	Geologic plan - 8th & 9th levels.
7B2	Assay map - 9th & 10th "
8	Geologic cross sections, Nos. 16, 14 & 11.
9	" " " " 8, 5 & 2.
10	" " " , Sec. L & Sec. 31.
11	" " " , Sec. L 10.
12	Small claim map, showing workings.
13	District map (1919); Simon Sterling & Simon Contact.
A	Assay map 187 foot level.
B	" " 252 " "
C	" " 353 " "

Mr. Butler's report is quite thorough. In arriving at the reserve tonnage figures of 80,000 tons of known ore reserves, he appears to be conservative. Estimate of reserves by former superintendents were reduced in many instances. Some of these reductions, no doubt, were made because of later mining operations.

Using the records of the operations up to 1927, the ores from the levels above the 505 foot level, estimated to be about 57,000 tons, should assay as follows:

Oz. Au.	Ozs. Ag	%/Pb	%/Zn	%/Cu
0.0	2.5	4.0	5.0	0.0

From the development work, assays of the west ore body, below the 8th level, estimated to be about 32,500 tons, should assay as follows:

Oz. Au.	Ozs. Ag	%Pb	%Zn	%Cu
0.167	8.0	8.0	5.3	1.5

After discussing all of the available information regarding the ore reserves, grade of ore and the possibility of greatly increasing the reserves, the property was considered worthy of the following program:

SUBJECT: Simon Lead, Zinc, Copper, Silver Mine, Mineral Co., Nev. (Cont.)

1. A topographical and geologic survey.

2. Mr. Butler recommended a geophysical survey but the value of such a survey on this type of deposit is debatable.

3. Rehabilitate some of the existing camp buildings for quarters for the employees.

4. Recondition single drum gasoline hoist (Temporary use).

5. Repair shaft if necessary and install pump underground and air compressor in rehabilitated shack on surface. (Temporary).

6. Retimber 400-level to drill site where necessary.

7. Minimum of 1,500 feet of diamond drilling from the 400-level, to determine the extent of mineralization from the 8th level up towards the surface in a southeasterly direction.

8. Additional drilling to determine the downward extension of the orebody below the 10th level.

All of the above mentioned work would be necessary under an exploratory program. This should be considered as a conservative approach for the reopening of the mine. If this program was successful in greatly increasing the ore reserves, then the following program would be justified.

9. Obtain a Diesel unit for power, obtain hoisting equipment, air compressors and other equipment and sink new shaft for West ore body.

10. Reconstruct and equip mill.

11. Install 150-horsepower double drum hoist at the present Main shaft and start mining above 505 level.

12. Purchase underground diamond drill to probe for additional ore bodies in vicinity of present workings above the 505 level.

13. Rehabilitate 9th level drift to West ore body to meet safety requirements of a second mine outlet.

If an international crisis developed which necessitated an immediate increase in production of lead, zinc, and copper ores, most of the above program could be performed simultaneously.

Russell R. Trengove

Russell R. Trengove

COPY

November 19th, 1950.

A.C.Johnson, Chief
Ming Branch,
U.S.Bureau of Mines,
P.O.Box 1551, Reno, Nevada

Re: Application for Defense Act loan for rehabilitation of Simon Mine, 23 m.N.E.Mina, Nev.

Dear Mr. Johnson,

Reference is made to the Report, maps and compilation of records of the Simon Mine in Mineral County, Nev., by P.B.Butler which was delivered to Mr. R.R.Trengrove of your station on Nov. 17th,1950, for the purpose of supplying a description of the mine and itsrecord so that U.S.government assistance can be requested for the owners for the purpose of rehabilitating the property.

The property is located in the Cedar Mountains(Bell mining dist.) and consists of 20 patented claims and 15 mining locations covering about 650 acres of an extensive fault zone from which, after development there was mined 93,055 tons of ore with an average assay of 3.2 oz. silver, 4.8% lead, and 5.5% zinc, producing 6,258 tons lead concentrates and 5,103 tons zinc concentrates. This production together with a smaller tonnage(a few hundred tons) of crude ore, yielded a value of about $750,000 at metal prices (7½¢ lead & 6½¢ zinc) that gave an average of $8.00 per ton of crude ore. At present metal prices the average value per ton of crude ore would be almost $20.00

When the property was shut down in 1932, various estimates of ore reserves left in the mine indicated:

Above the 5th level with an average assay of: 2.5 oz. silver, 4% lead, 5% zinc.	57,500 tons
Between the 5th and the 10th levels with an average assay of: 0.167 oz.gold, 8.0 oz.silver,8.0% lead,5.3% zinc,1.5% copper	22,500 "
Positive reserves above 10th level	80,000 "

(Probable reserves in same area - 32,500 tons)

A very important development before the property was finally shut down, was made in the lower west levels(8th,9th & 10th) of ore that contained a notably higher metal content in gold, silver, lead & copper than the ores from workings 1000 feet east of this discovery. Only in one or two places however, did it occur in as large quantities as the ores worked from other parts of the property. But its persistency of occurence in these western lower levels, gave reason for the unanimous accounts of its importance. No development of any kind has been done on this oreshoot above the 8th level and it is now recommended that steps be taken to do this because in the oreshoots that hitherto have produced most of the ore from this property, its "habit" of occurrence was most pronounced in that horizon.

The property at one time was completely equipped but the machinery and other removable equipment has been sold and taken away during the intervening years. The basic plant, i.e. road, excavations, foundations, head frame, hoisthouse, and housing for compressor, blacksmith shop, machine shop, supplies and change room, as well as office manager's house and ten other small family houses, and finally a large mill building which treated(crushing, grinding, and flotation) as much as 200 tons per day, are in such shape that a moderate rehabilitation cost would suffice to put them in use again. The main shaft is open and in good condition down to the 7th level where an attempt to dewater the mine in 1938, found the station timbers out. A gasoline hoist at the shaft collar is at present in place and operates to the 4th level.

The owner's program is to completely rehabilitate the property for the purpose of producing lead-silver, zinc, and copper-gold-silver concentrates which will be shipped by truck to Mina, Nev. and thence by rail to smelters in the Salt Lake area.

The first step will be:

a - Complete a topographic-geologic survey of the fracture-zone area (about 300 acres) followed by a geophysical survey, especially of that part(about 50 acres) which covers the probably upward extension of the oreshoot found in the lower western levels. The importance of this work and the fact that it can be done with a minimum rehabilitation expense, indicates it should be done at once, to be followed providing it is successful, in developing favorable indices, by diamond drilling, to positively define ore occurrences. It will undoubtedly be found that some further geophysical work and diamond drilling will be required in the underground workings;

b - The rehabilitation of personnel housing and office, with suitable furnishings;

c - Equipment of the necessary auxiliary departments of the plant, namely, Deisel power engines for: hoisting, compressed air and pumping; a hoisting engine, and odd power units;

d - Means of transport for personnel and supplies;

e - Cleaning out of mine workings to the 4th level, and pumping out the 7th level to reach and use the only potable water(a spring on this level) within ten miles of property;

f - In event that the probable upward extension of the oreshoot in the lower western levels is found by geophysical and diamond drilling, a shaft from the surface and an upraise from the 4th level, should be started and completed as quickly as possible. Additional machinery and equipment will be required for this;

g - Preparation for mining the various faces now existing in the levels above the 5th; additional geophysical prospecting and development;

h - Complete equipment for a 100 to 200 tons daily capacity flotation mill with power for same;

i - Funds for advance payrolls and the usual inventories of supplies.

From "a" through "g" the above work will require one year, and "h" will be completed six months later. The cost of the work will be as follows.

Estimate of Cost

a - Topographic-geologic & geophysical survey followed by diamond drilling of favorable indications,	$25,000
b - Housing	10,000
c - Equipment of auxiliary departments	25,000
d - Transport	10,000
e - Cleaning mine workings & additional equipment	25,000
f - Shaft and development of upward extension of lower level oreshoot & equipment	30,000
g - Preparation for breaking mill ore	35,000
h - Equipment for mill	70,000
i - Wage fund and inventories	20,000
TOTAL	$250,000

Three months after the mill is started, the project should be self-supporting.

In view of the above, application is hereby made by the owner's representative for fundsin the sum of $250,000 as it may be required to complete the rehabilitation of the property to a point where active production of its mineral products can be maintained.

P.B.Butler.

Agent of the owners.

PERCY BENNETT BUTLER
MINING AND METALLURGICAL ENGINEERING
1259 BEVERLY GLEN BLVD.
LOS ANGELES 24, CALIFORNIA

November 19th. 1950.

A. C. Johnson, Chief
Ming Branch,
U.S.Bureau of Mines,
P.O.Box 1551, Reno, Nevada.

Re: Application for Defense Act loan for rehabilitation of Simon Mine, 23 m.N.E. Mina, Nev.

Dear Mr. Johnson,

Reference is made to the Report, maps and compilation of records of the Simon Mine in Mineral County, Nev., by P. B. Butler which was delivered to Mr. R. R. Trengove of your station on Nov. 17th. 1950, for the purpose of supplying a description of the mine and its record so that U. S. government assistance can be requested for the owners for the purpose of rehabilitating the property.

The property is located in the Cedar Mountains (Bell mining dist.) and consists of 20 patented claims and 15 mining locations covering about 650 acres of an extensive fault zone from which, after development there was mined 93,055 tons of ore with an average assay of 3.2 oz. silver, 4.8% lead, and 5.5% zinc, producing 6,258 tons lead concentrates and 5,103 tons zinc concentrates. This production together with a smaller tonnage (a few hundred tons) of crude ore, yielded a value of about $750,000 at metal prices (7½¢ lead & 6½¢zinc) that gave an average of $8.00 per ton of crude ore. At present metal prices the average value per ton of crude ore would be almost $20.00.

When the property was shut down in 1932, various estimates of ore reserves left in the mine indicated:

Above the 5th. level	57,500 tons
with an average assay of: 2.5 oz.silver; 4% lead; 5% zinc.	
Between the 5th. & the 10th. levels	22,500 "
with an average assay of: 0.167 oz.gold; 8.0 oz. silver; 8.0% lead; 5.3% zinc; 1.5%copper	
Positive Reserves above 10th.level	80,000 "

(Probable Reserves in same area - 32,500 tons)

A very important development before the property was finally shut down, was made in the lower west levels (8th.,9th.,& 10th.) of ore that contained a notably higher metal content in gold, silver, lead and copper than the ores from workings 1,000 feet east of this discovery. Only in one or two places however, did it occur in as large quantities as the ores worked from other parts of the property. But its persistency of occurrence in these western lower levels, gave reason for the unanimous accounts of its importance. No development of any kind has been done on this oreshoot above the 8th. level, and it is now recommended that steps be taken to do this because in the oreshoots that hitherto have produced most of the ore from this property, its "habit" of occurrence was most pronounced in that horizon.

The property at one time was completely equipped but the machinery and other removable equipment has been sold and taken away during the intervening years. The basic plant, i.e., roads, excavations, foundations, head frame, hoisthouse, and housing for compressor, blacksmith shop, machine shop, supplies and change room, as well as office manager's house and ten other small family houses, and finally a large mill building which treated (crushing, grinding, and flotation) as much as 200 tons per day, are in such shape that a moderate rehabilitation cost would suffice to put them in use again. The main shaft is open and in good condition down to the 7th. level where an attempt to dewater the mine in 1938, found the station timbers out. A gasoline hoist at the shaft collar is at present in place and operates to the 4th. level.

The owner's program is to completely rehabilitate the property for the purpose of producing lead-silver, zinc, and copper-gold-silver concentrates which will be shipped by truck to Mina, Nev. and thence by rail to smelters in the Salt Lake area.

The first step will be:

a - Complete a topographic-geologic survey of the fracture-zone area (about 300 acres)followed by a geophysical survey, especially of that part (about 50 acres) which covers the probable upward extension of the oreshoot found in the lower western levels. The importance of this work and the fact that it can be done with a minmium rehabilitation expense, indicates it should be done at once, to be followed providing it is successful, in developing favorable indices, by diamond drilling, to positively define ore occurrences. It will undoubtedly be found that some further geophysical work and diamond drilling will be required in the underground workings;

b - The rehabilitation of personnel housing and office, with suitable furnishings;

c - Equipment of the necessary auxiliary departments of the plant, namely, Deisel power engines for: hoisting, compressed air and pumping; a hoisting engine, and odd power units;

d - Means of transport for personnel and supplies;

e - Cleaning out of mine workings to the 4th. level, and pumping out the 7th. level to reach and use the only potable water (a spring on this level) within ten miles of property;

f - In event that the probable upward extension of the oreshoot in the lower western levels is found by geophysical and diamond drilling, a shaft from the surface and an upraise from the 4th. level, should be started and completed as quickly as possible. Additional machinery and equipment will be required for this;

g - Preparation for mining the various faces now existing in the levels above the 5th.; additional geophysical prospecting and development;

h - Complete equipment for a 100 to 200 tons daily capacity flotation mill with power for same;

i - Funds for advance payrolls and the usual inventories of supplies.

From "a" through "g" the above work will require one year, and "h" will be completed six months later. The cost of the work will be as follows.

Estimate of Cost

a - Topographic-geologic & geophysical survey followed by diamond drilling of favorable indications,	$ 25,000
b - Housing,	10,000
c - Equipment of auxiliary departments,	25,000
d - Transport,	10,000
e - Cleaning mine workings & additional equipment,	25,000
f - Shaft and development of upward extension of lower-level oreshoot, & equipment,	30,000
g - Preparation for breaking mill ore,	35,000
h - Equipment for mill,	70,000
i - Wage fund and inventories,	20,000
total	$ 250,000

Three months after the mill is started, the project should be self supporting.

In view of the above, application is hereby made by the owner's representative for funds in the sum of $250,000 as it may be required to complete the rehabilitation of the property to a point where active production of its mineral products can be maintained.

P. B. Butler.

P. B. Butler

Agent of the owners.

November 9, 1950

~~Airmail~~

Memorandum

To: A. C. Johnson, Reno, Nevada

From: Regional Director, Region III

Subject: Examination of Simon lead property, Nevada

At the suggestion of Director Boyd, Mr. Arthur J. Conlon called me long distance from Washington today, asking when we could have an engineer accompany one of his engineers on an examination of the Simon lead property north of Mina, Nevada. Mr. Conlon plans to request a loan under the Defense Production Act.

Here is what I want you to do. Write Mr. Conlon an air mail letter, c/o Harvard Club, Boston, Massachusetts, telling him when you will have an engineer available for the examination. Mr. Conlon would like to have the examination made sometime next week, and will arrange to have his engineer, I believe a Mr. Butler from Los Angeles, meet you in Reno on the date you specify. When the examination is made, kindly let me have your report on your findings so that I will have it when the loan application comes in.

H. C. MILLER

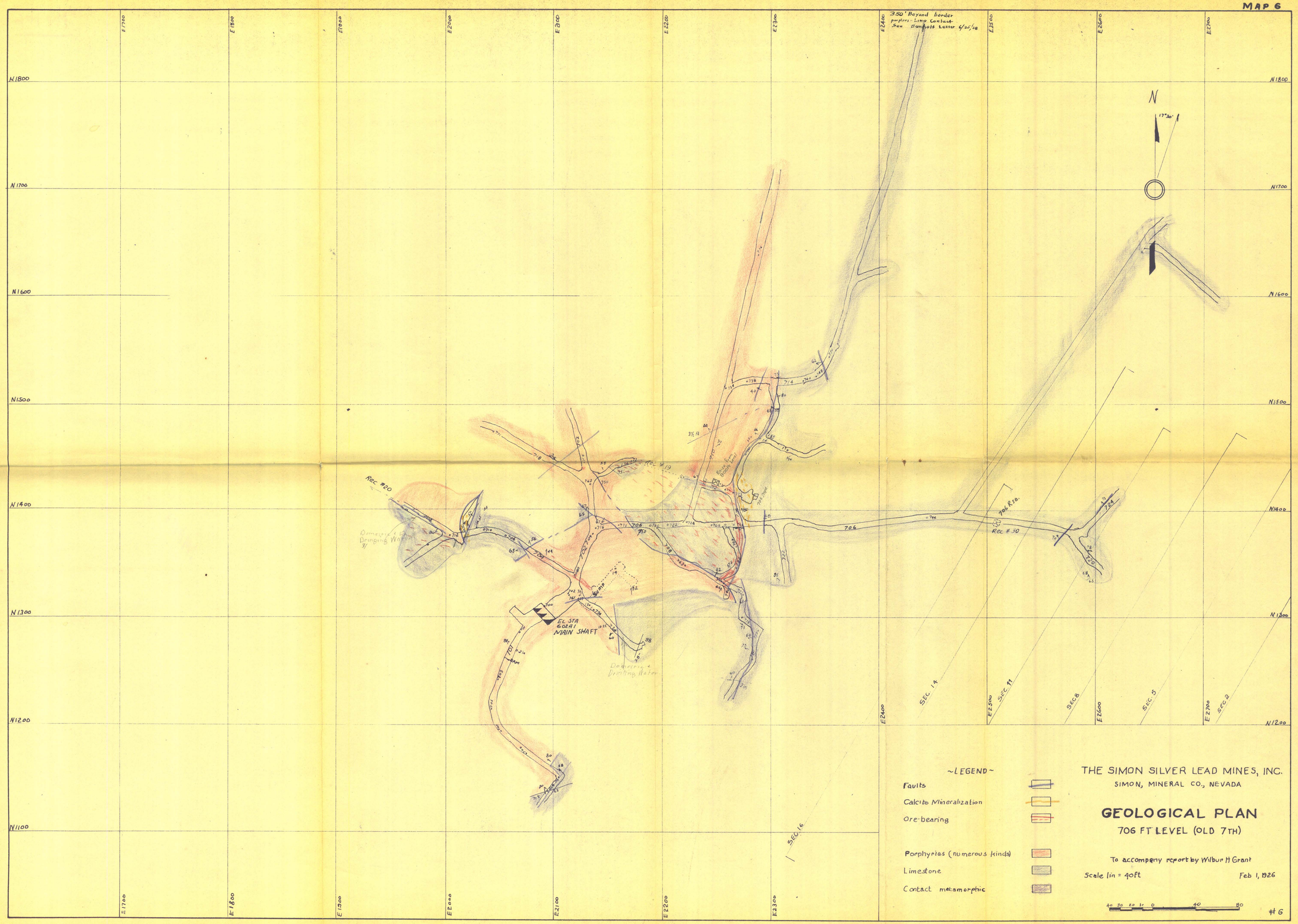
H. C. Miller
Regional Director, Region III

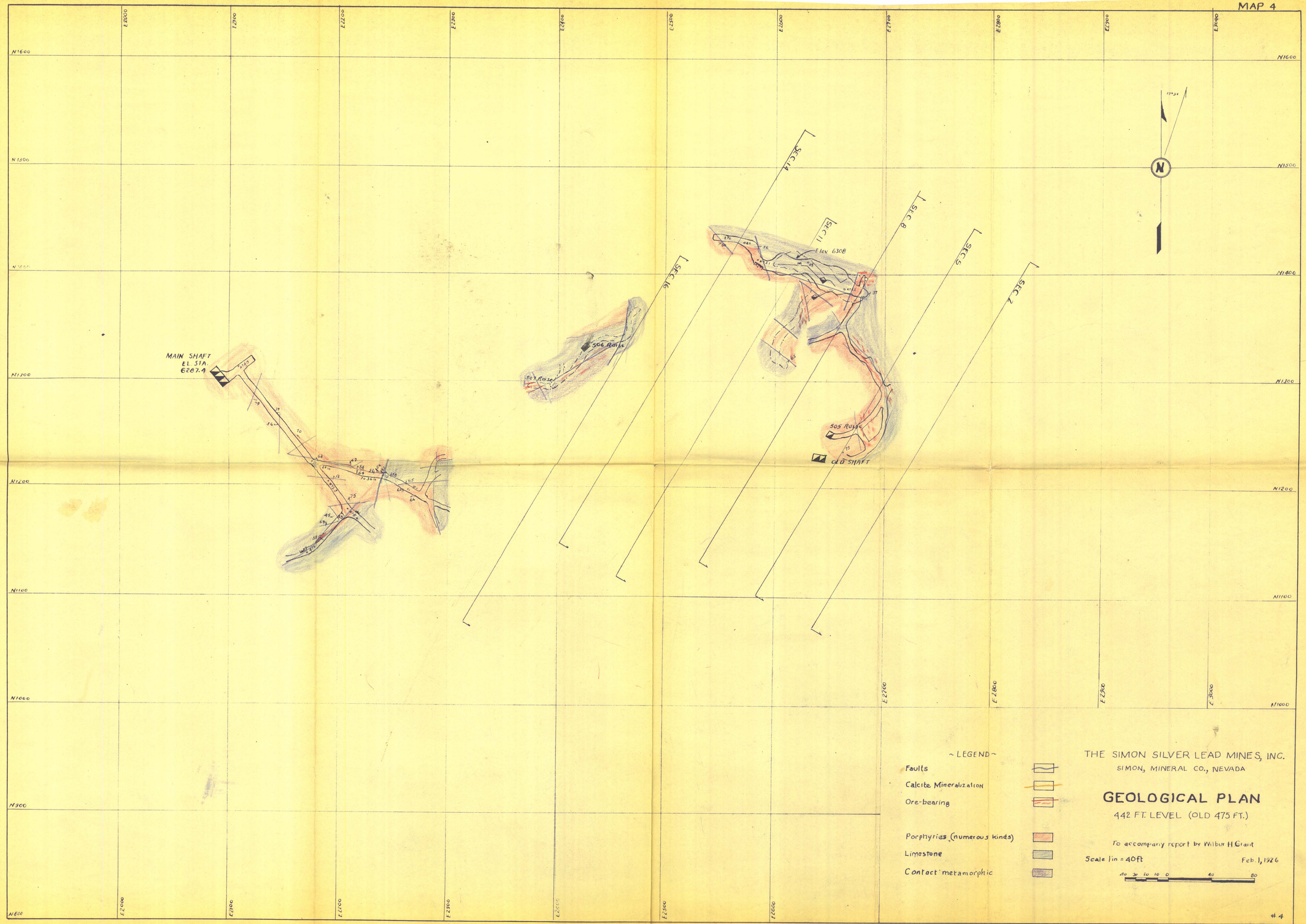
~~Copy: Regular mail~~

HCMiller:am

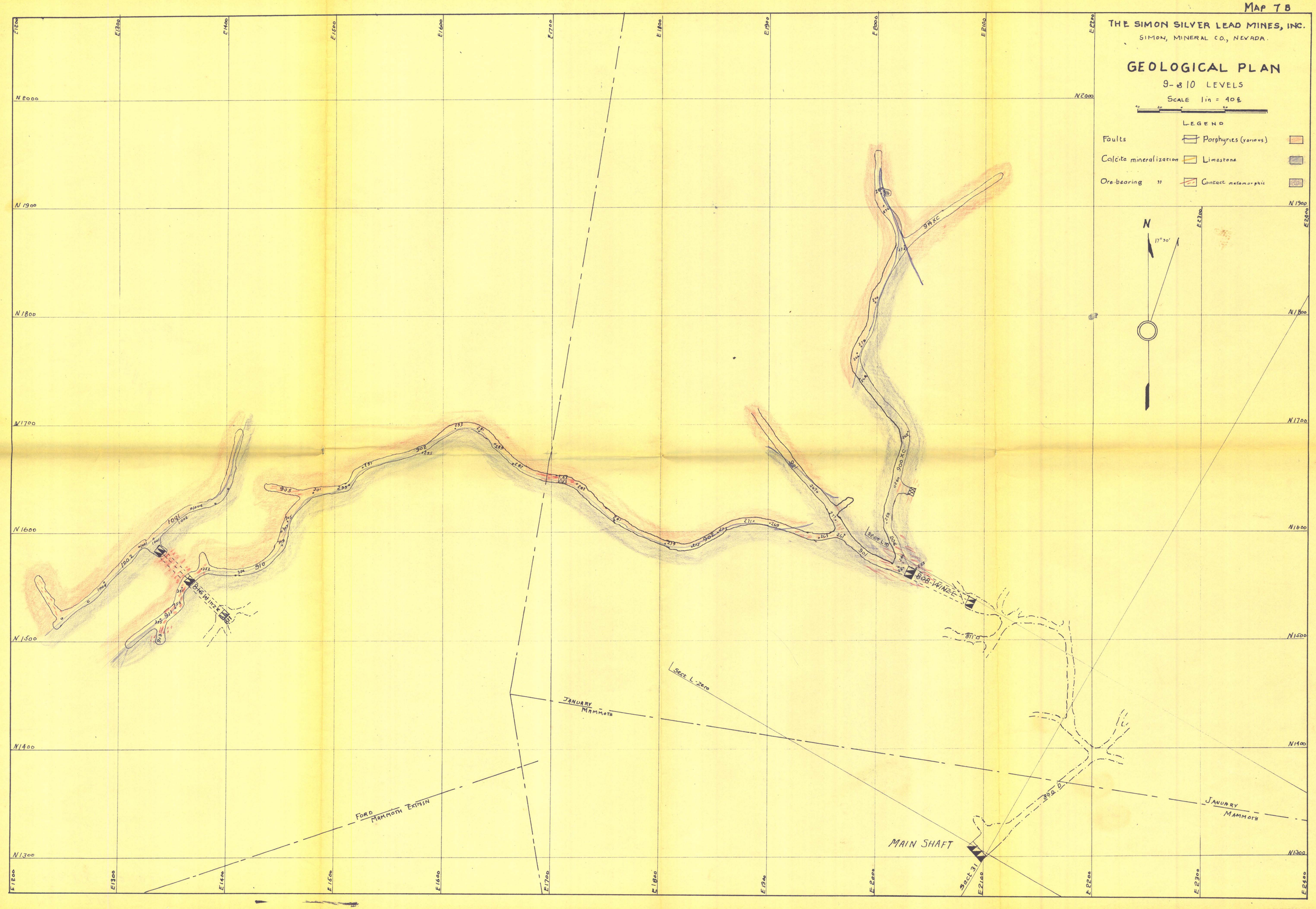
Files
Chrono

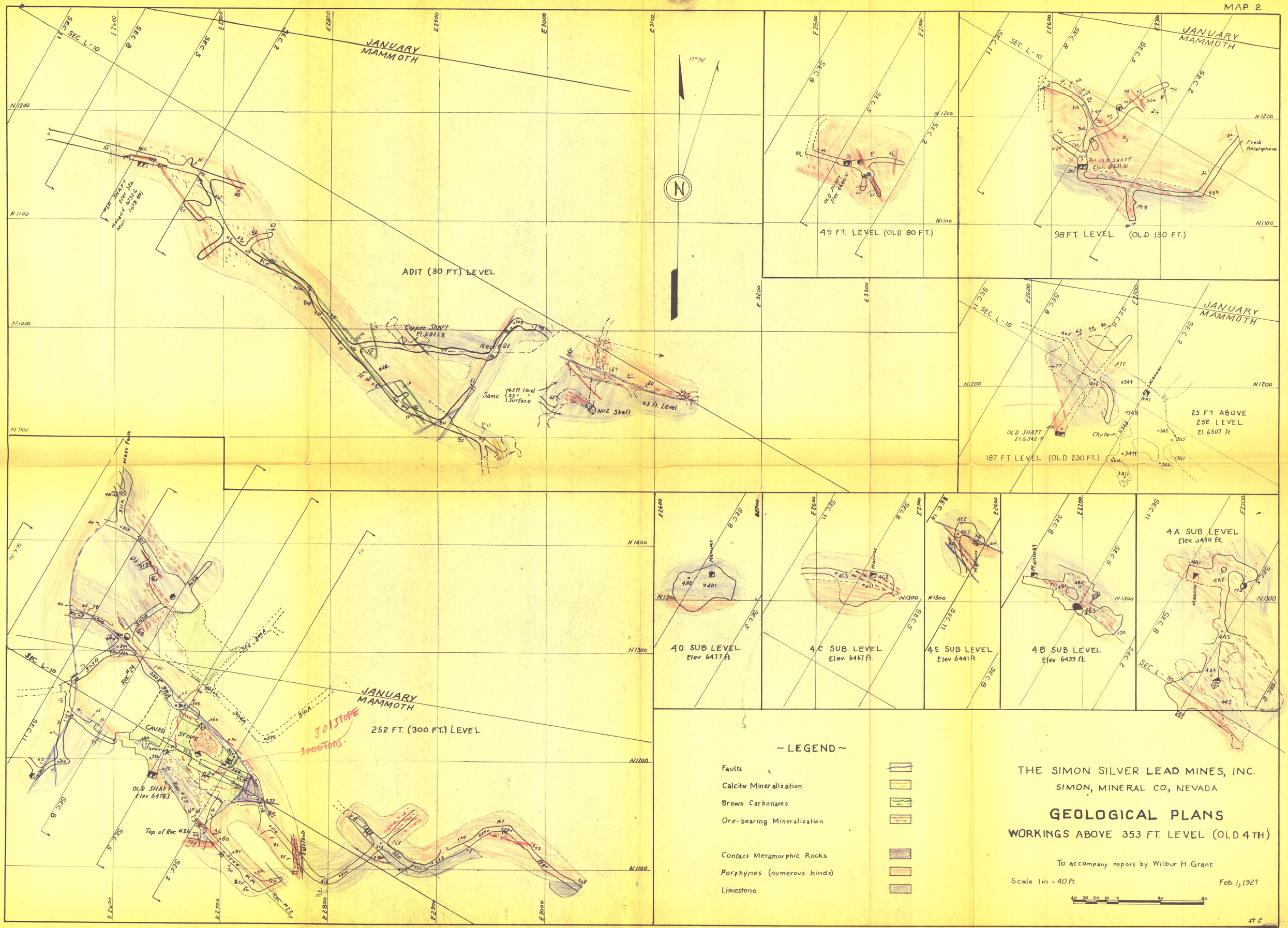
Conlon & Butler
called 11/28
Johnson & Butler
Reno. Will send
this application to
DMA when received

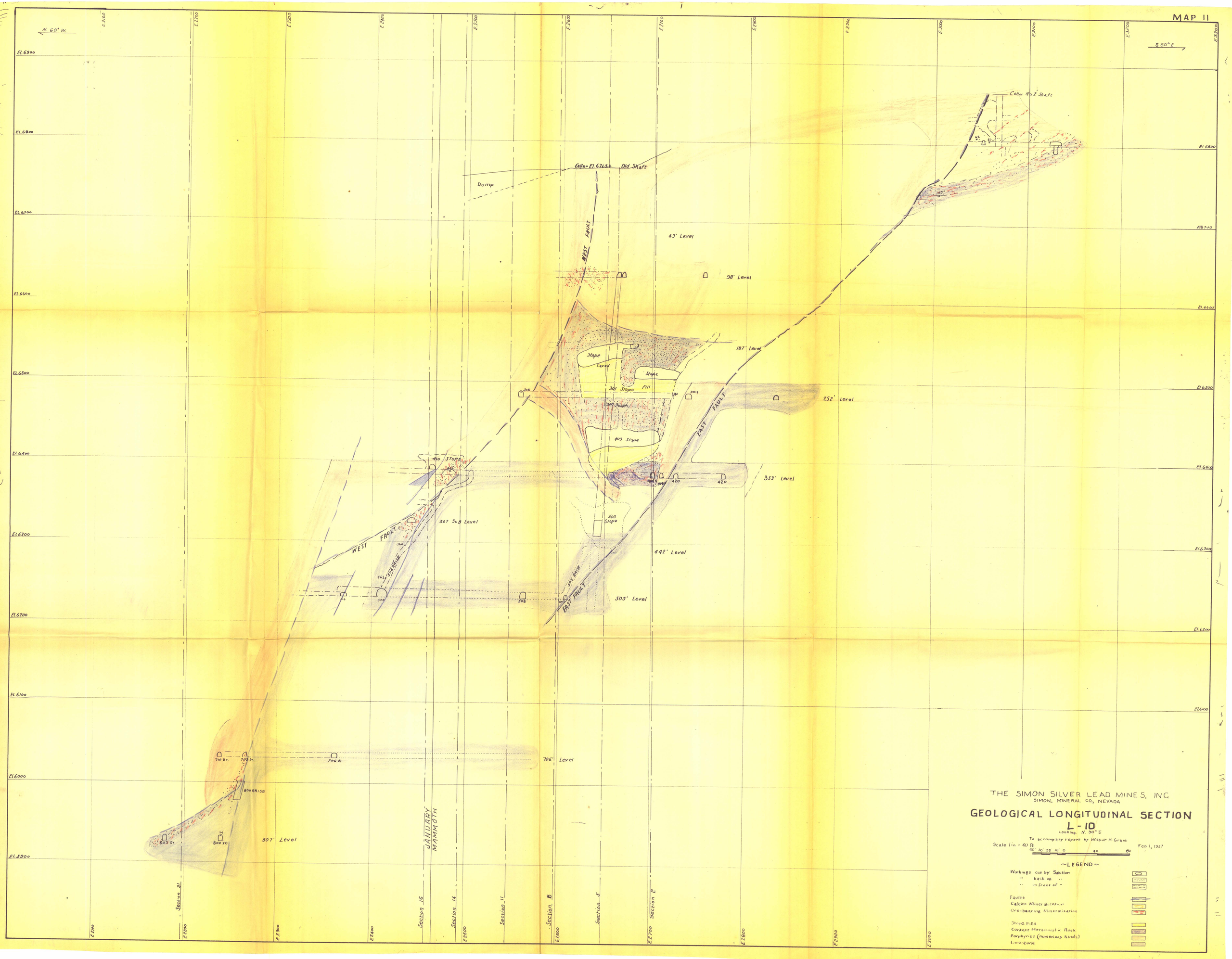

N1800
N1700
N1600
N1500
N1400
N1300
N1200
N1100
E1700
E1800
E1900
E2000
E2100
E2200
E2300
E2400
E2500
E2600
E2700
N
17°30'
3.50' Beyond border
porphyry - Lime Contact
See Bennett Letter 6/25/68
Rec #20
Rec #19
Rec #30
706 Rise
706
EL STA
6021
MAIN SHAFT
Domestic & Drinking Water
SEC. 14
SEC. 11
SEC. 8
SEC. 5
SEC. 2
SEC. 16
~LEGEND~
Faults
Calcite Mineralization
Ore-bearing
Porphyries (numerous kinds)
Limestone
Contact metamorphic
THE SIMON SILVER LEAD MINES, INC.
SIMON, MINERAL CO., NEVADA
GEOLOGICAL PLAN
706 FT LEVEL (OLD 7TH)
To accompany report by Wilbur H Grant
Scale 1in = 40ft
Feb 1, 1926
#6

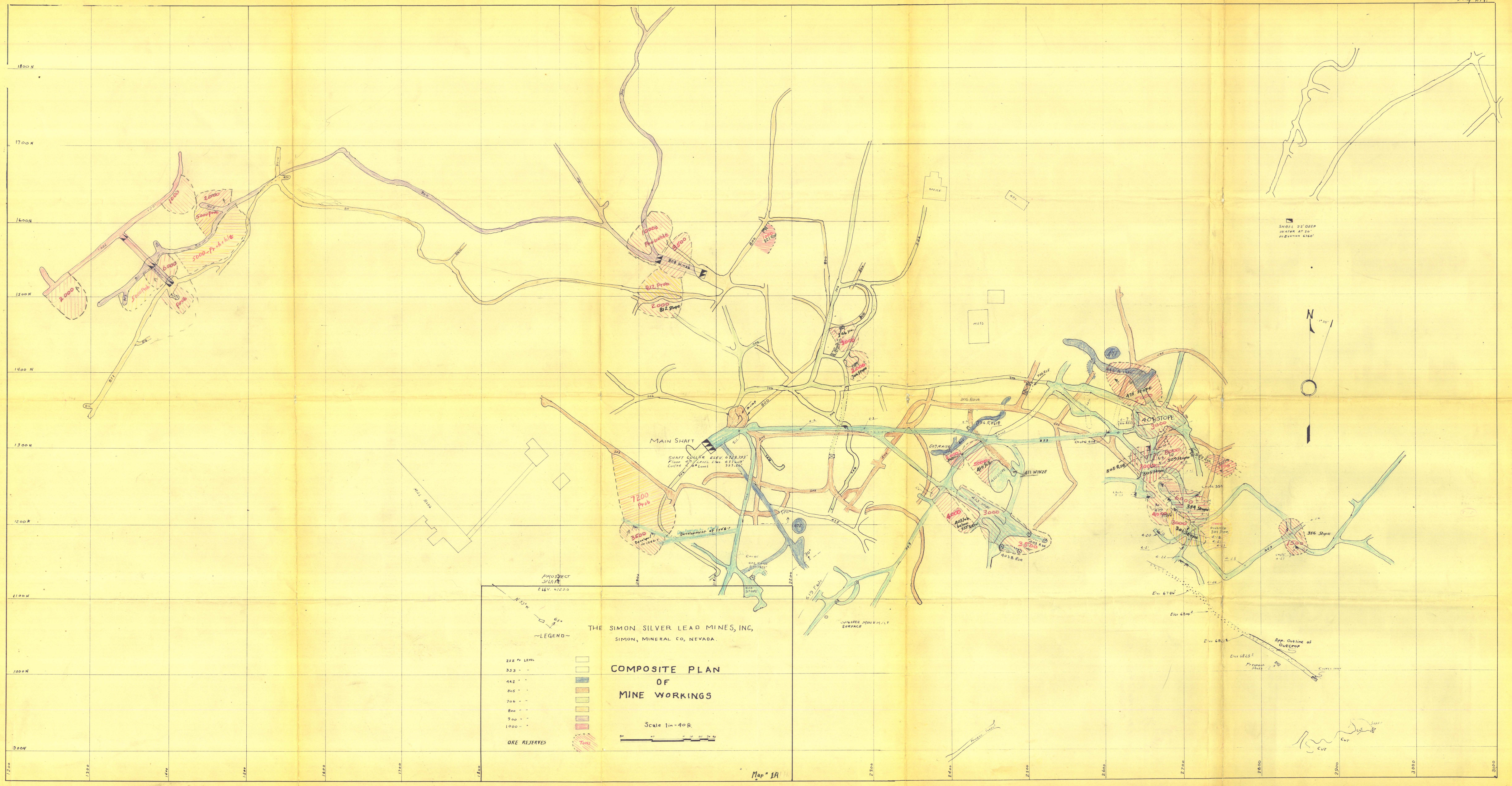

E2000
E2100
E2200
E2300
E2400
E2500
E2600
E2700
E2800
E2900
E3000
N1600
N1500
N1400
N1300
N1200
N1100
N1000
N900
N800
MAIN SHAFT
EL. STA.
6287.4
506 Raise
507 Raise
505 Raise
OLD SHAFT
Elev. 6308
SEC. 14
SEC. 16
SEC. 11
SEC. 8
SEC. 5
SEC. 2
N
~ LEGEND ~
Faults
Calcite Mineralization
Ore-bearing
Porphyries (numerous kinds)
Limestone
Contact metamorphic
THE SIMON SILVER LEAD MINES, INC.
SIMON, MINERAL CO., NEVADA
GEOLOGICAL PLAN
442 FT. LEVEL (OLD 475 FT.)
To accompany report by Wilbur H. Grant
Scale 1 in = 40 ft
Feb. 1, 1926
40 30 20 10 0 40 80
#4

MAP 7 B

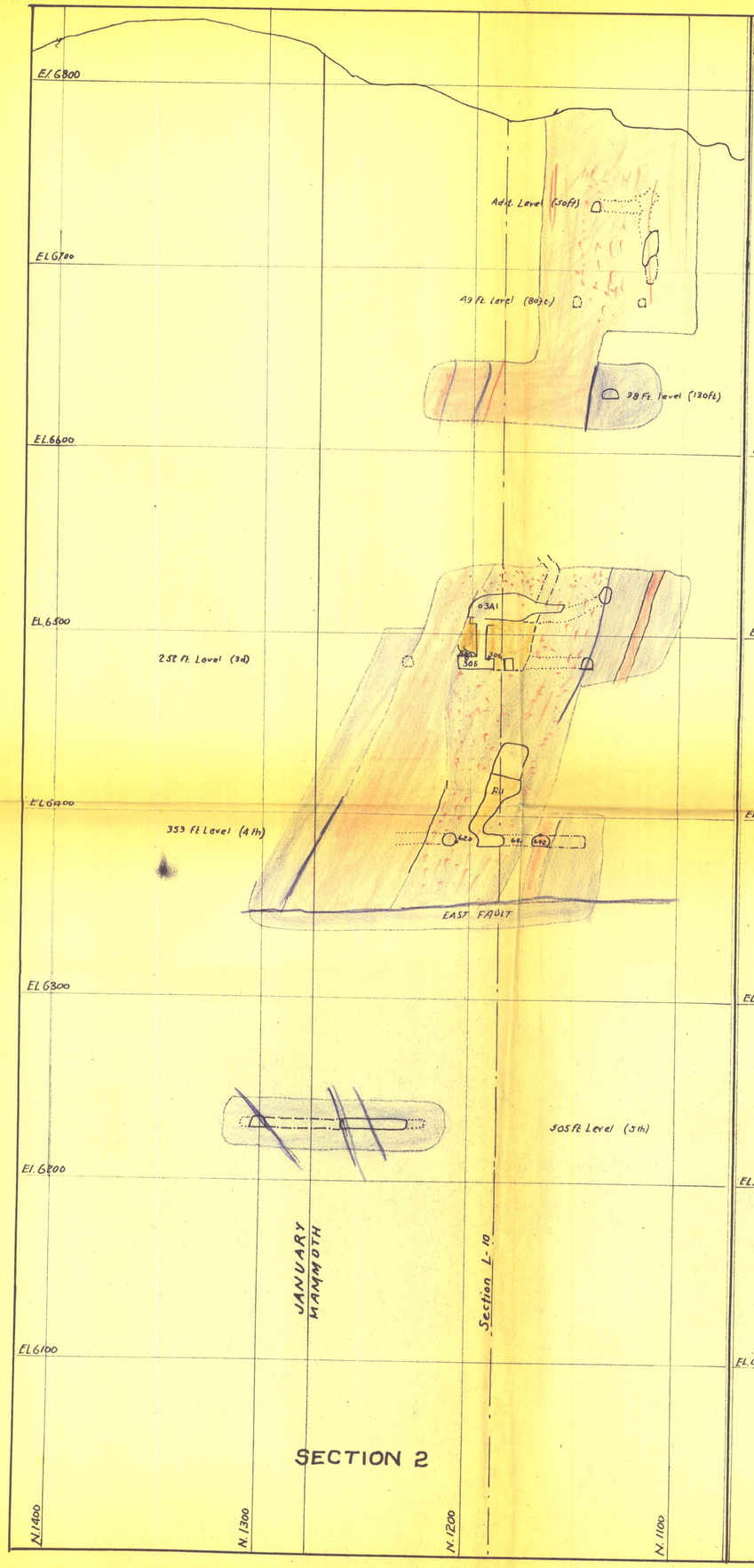

THE SIMON SILVER LEAD MINES, INC.
SIMON, MINERAL CO., NEVADA.
GEOLOGICAL PLAN
9-&10 LEVELS
SCALE 1 in = 40 ft
LEGEND
Faults
Calcite mineralization
Ore-bearing "
Porphyries (various)
Limestone
Contact metamorphic
N
17°30'
N2000
N1900
N1800
N1700
N1600
N1500
N1400
N1300
E1200
E1300
E1400
E1500
E1600
E1700
E1800
E1900
E2000
E2100
E2200
E2300
E2400
JANUARY MAMMOTH
FORD MAMMOTH EXTSN
Sect L Zero
Sect 31
MAIN SHAFT
SECT L-10
808 WINZE
816 WINZE
900 XC
900 D
JANUARY MAMMOTH


JANUARY MAMMOTH
ADIT (30 FT.) LEVEL
Copper Shaft El. 6822.8
Rec #21
Same 63 ft level 33 " Surface
No2 Shaft
63 ft. Level
OLD SHAFT Elev 5236 Makes 4 5236 Muir (1878-89)
49 FT. LEVEL (OLD 80 FT.)
OLD SHAFT Elev 6480.4
98 FT. LEVEL (OLD 130 FT.)
301 OLD SHAFT Elev. 6631.30
Fresh Keratophere
187 FT. LEVEL (OLD 230 FT.)
OLD SHAFT El. 6342.9
Chute
23 FT ABOVE 252 LEVEL El. 6507 ft
252 FT. (300 FT.) LEVEL
CAVED STOPE
301 STOPE
3000 TONS.
OLD SHAFT Elev 6478.3
Top of Rec #26
Rec #24
Rec #23
Rec #25
West Fault
4D SUB LEVEL Elev 6477 ft
4C SUB LEVEL Elev. 6467 ft.
4E SUB LEVEL Elev 6441 ft
4B SUB LEVEL Elev 6459 ft.
4A SUB LEVEL Elev. 6430 ft.
~ LEGEND ~
Faults
Calcite Mineralization
Brown Carbonates
Ore-bearing Mineralization
Contact Metamorphic Rocks
Porphyries (numerous kinds)
Limestone
THE SIMON SILVER LEAD MINES, INC.
SIMON, MINERAL CO, NEVADA
GEOLOGICAL PLANS
WORKINGS ABOVE 353 FT. LEVEL (OLD 4TH)
To accompany report by Wilbur H. Grant
Scale 1in = 40 ft
Feb. 1, 1927
#2

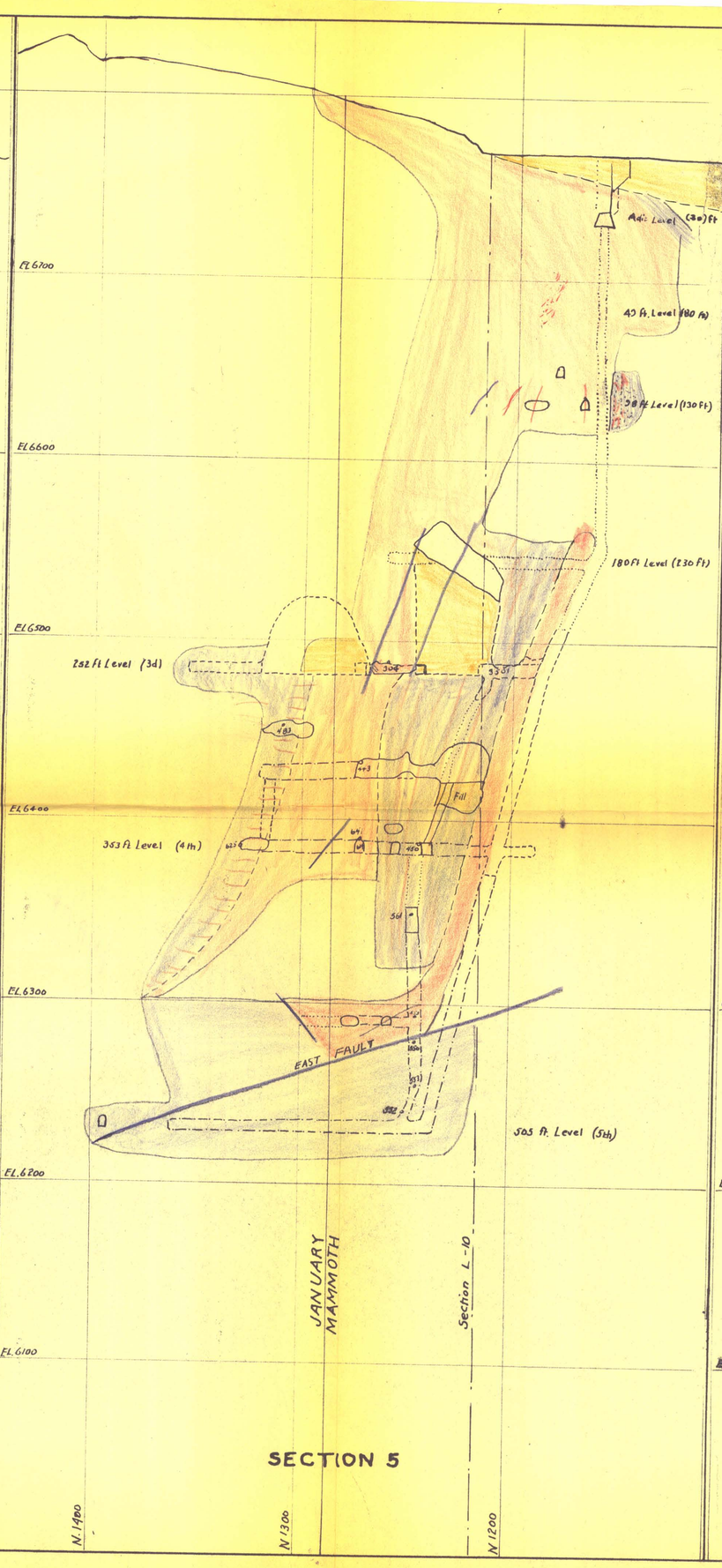

MAP II
N. 60° W.
S. 60° E
EL 6900
EL 6800
EL 6700
EL 6600
EL 6500
EL 6400
EL 6300
EL 6200
EL 6100
EL 6000
EL 5900
E 2100
E 2200
E 2300
E 2400
E 2500
E 2600
E 2700
E 2800
E 2900
E 3000
E 3100
E 3200
E 3300
Collar No. 2 Shaft
Collar EL 6762± Old Shaft
Dump
WEST FAULT
43' Level
98' Level
187' Level
Stope
Level
Stope
301 Stope
Fill
403 Stope
252' Level
EAST FAULT
410 STOPE
353' Level
507 Sub Level
503 Stope
442' Level
503 RAISE
505' Level
710 D.
705 D.
706 D.
706' Level
800 RAISE
803 D.
800 XC
807' Level
JANUARY MAMMOTH
Section 31
Section 16
Section 14
Section 11
Section 8
Section 5
Section 2
THE SIMON SILVER LEAD MINES, INC.
SIMON, MINERAL CO., NEVADA
GEOLOGICAL LONGITUDINAL SECTION
L-10
Looking N. 30° E
To accompany report by Wilbur H. Grant
Scale 1 in = 40 ft
40 30 20 10 0 40 80
Feb 1, 1927
~LEGEND~
Workings cut by Section
" back of "
" in front of "
Faults
Calcite Mineralization
Ore-bearing Mineralization
Stope Fills
Contact Metamorphic Rock
Porphyries (numerous kinds)
Limestone


THE SIMON SILVER LEAD MINES, INC,
SIMON, MINERAL CO, NEVADA.
COMPOSITE PLAN
OF
MINE WORKINGS
Scale 1in=40ft.
—LEGEND—
ORE RESERVES
Tons
MAIN SHAFT
MILL BLDG
MESS
Map # 1A

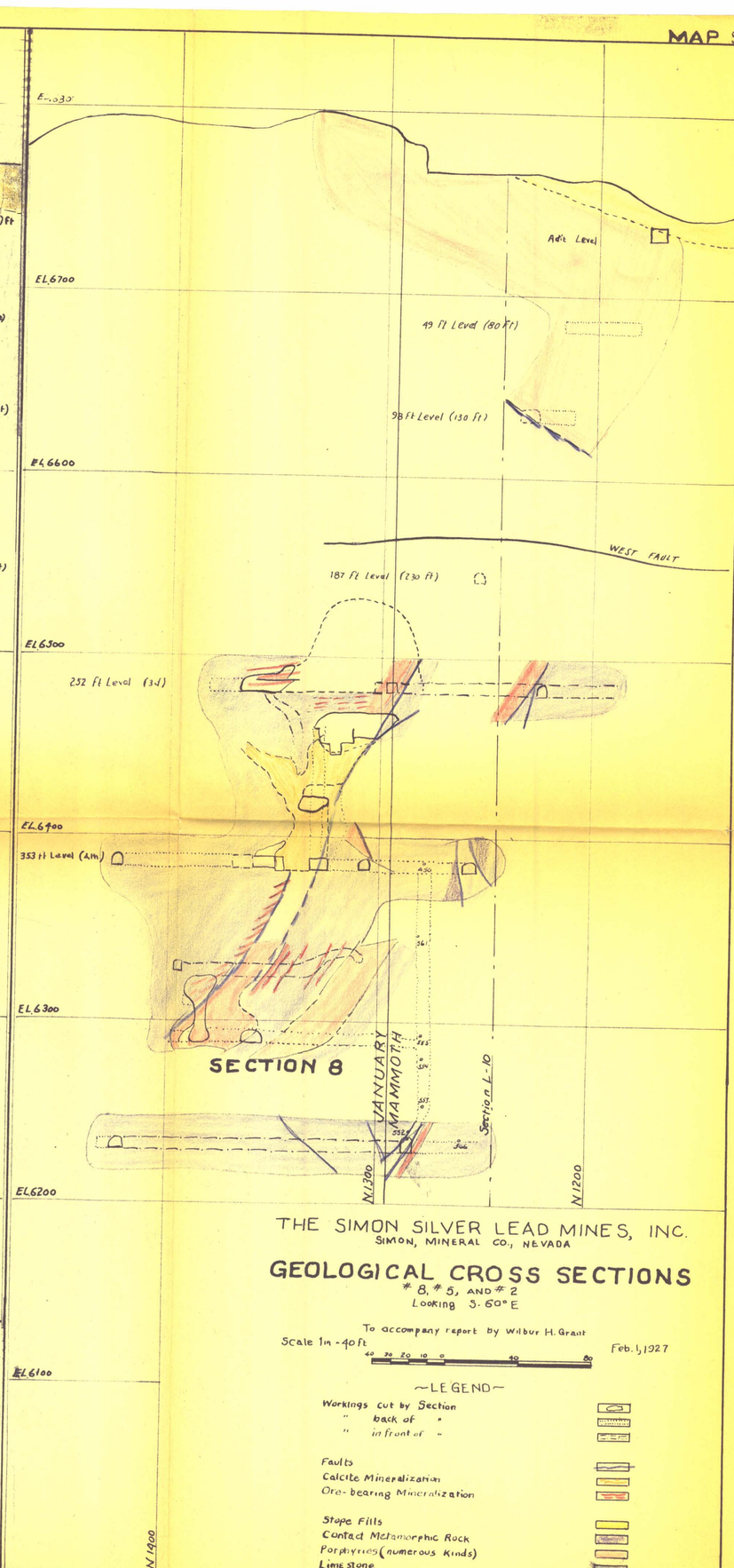
MAP 9



SECTION 2



SECTION 5



SECTION 8

THE SIMON SILVER LEAD MINES, INC.
SIMON, MINERAL CO., NEVADA

GEOLOGICAL CROSS SECTIONS

8, # 5, AND # 2
Looking S. 60° E

To accompany report by Wilbur H. Grant

Scale 1 in. - 40 ft

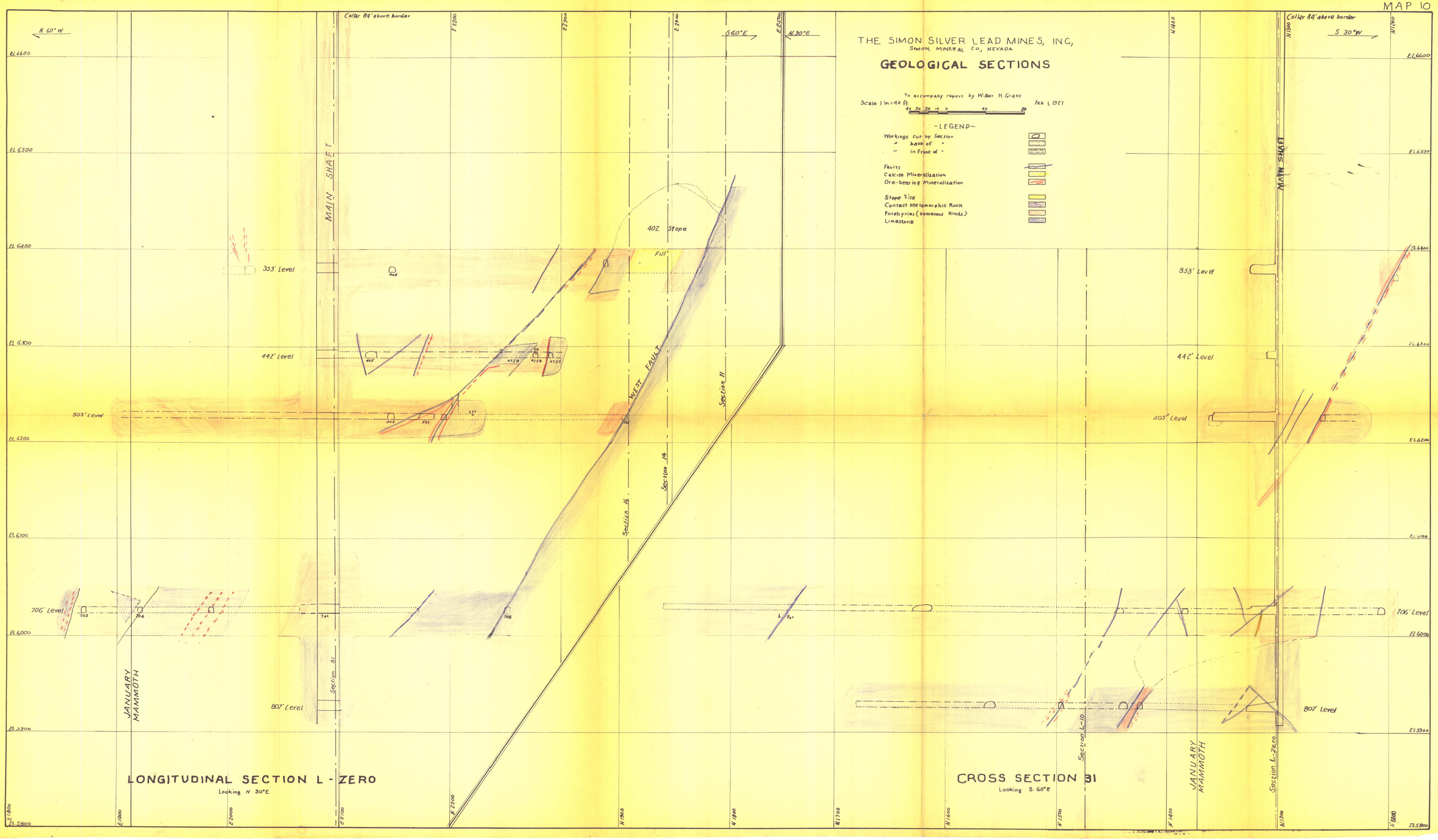
Feb. 1, 1927

~LEGEND~

Workings cut by Section
" back of "
" in front of "

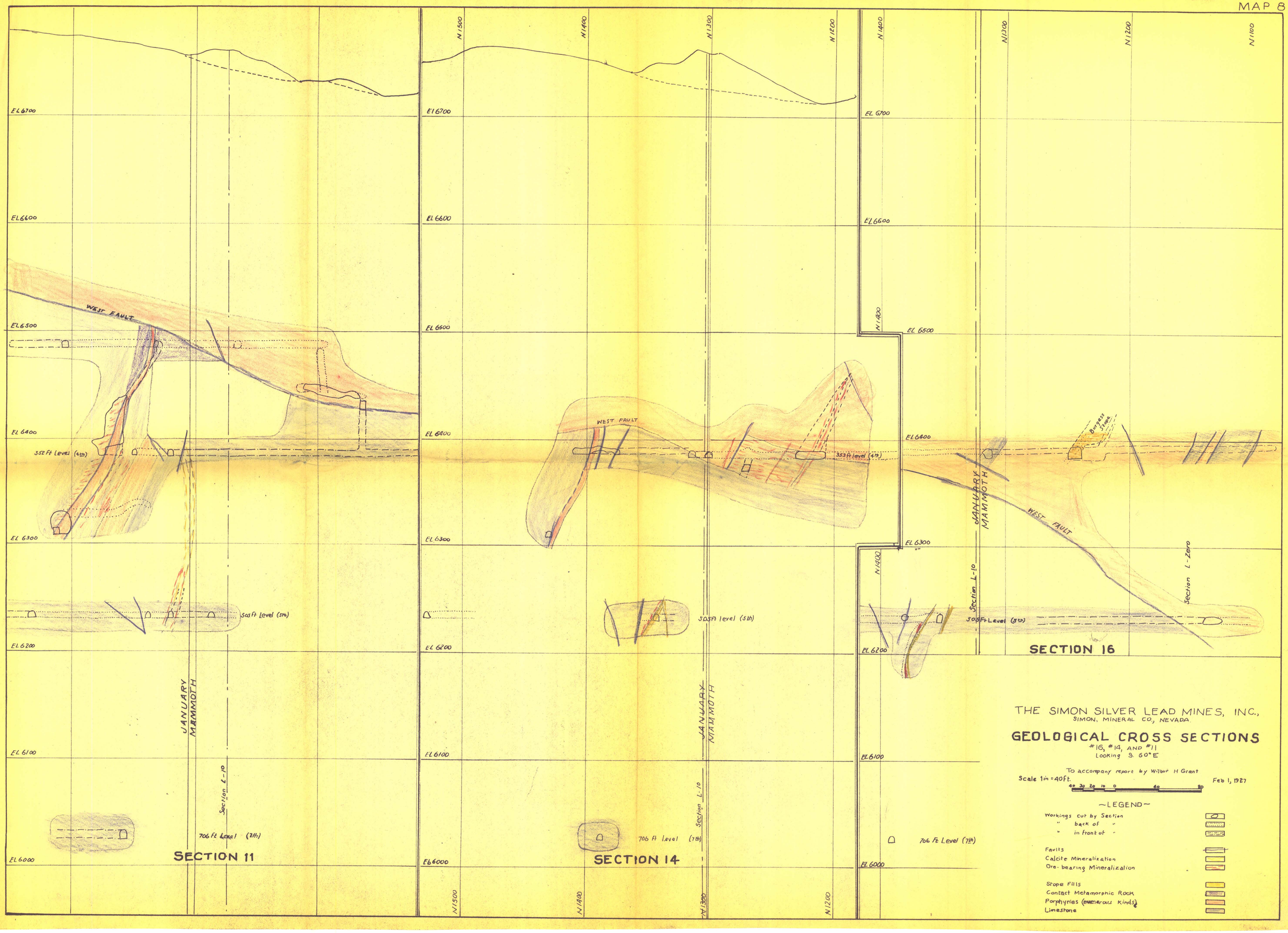
Faults
Calcite Mineralization
Ore-bearing Mineralization

Stope Fills
Contact Metamorphic Rock
Porphyries (numerous kinds)
Limestone

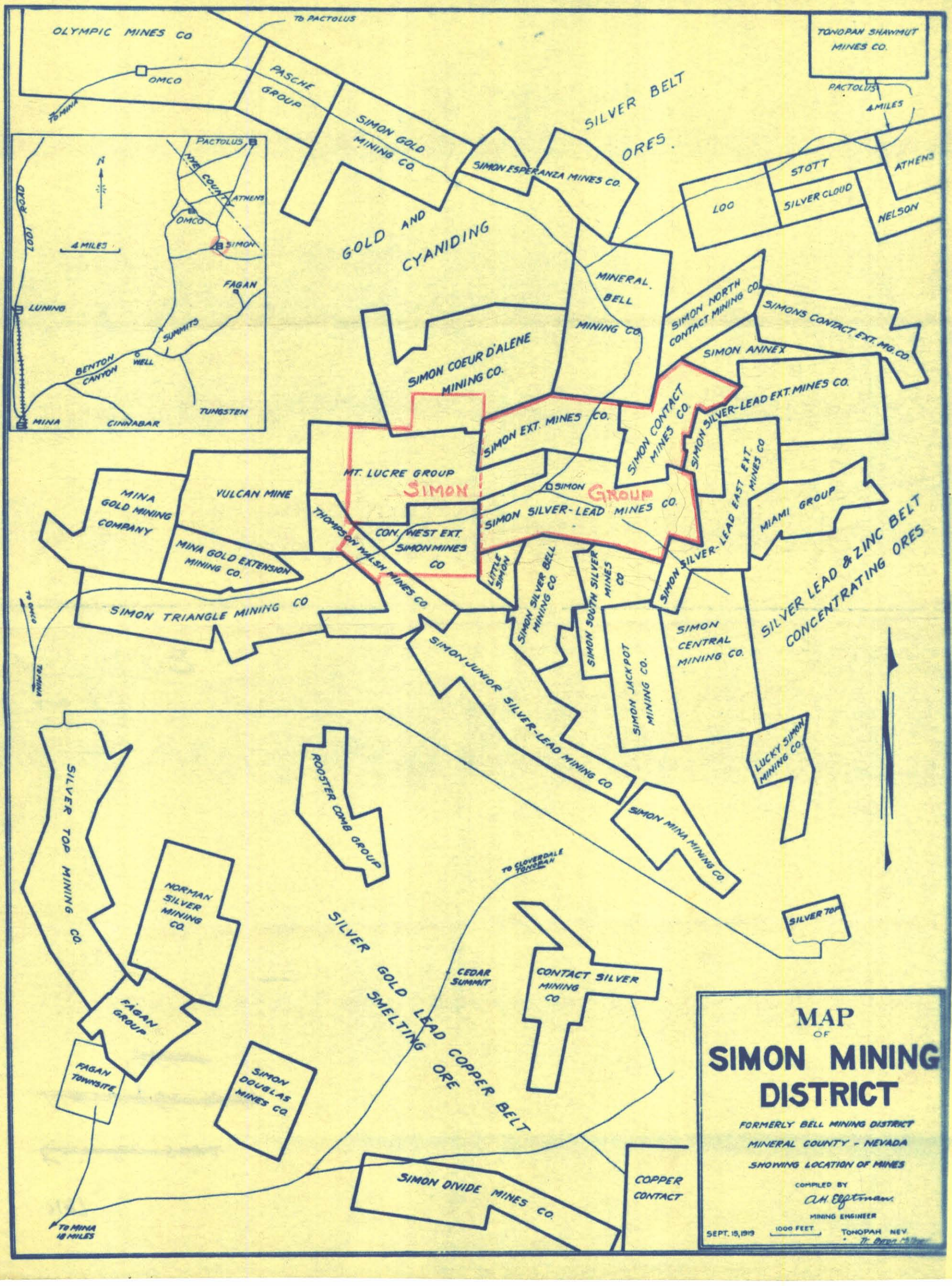


LONGITUDINAL SECTION L-ZERO
Looking N 30°E

CROSS SECTION 31
Looking S. 60°E


EL 6700
EL 6600
EL 6500
EL 6400
EL 6300
EL 6200
EL 6100
EL 6000
WEST FAULT
352 ft Level (4th)
505 ft Level (5th)
706 ft Level (7th)
JANUARY MAMMOTH
Section L-10
SECTION 11
N 1500
N 1400
N 1300
N 1200
N 1100
SECTION 14
Burgess Stope
Section L-Zero
SECTION 16
THE SIMON SILVER LEAD MINES, INC.,
SIMON, MINERAL CO., NEVADA.
GEOLOGICAL CROSS SECTIONS
#16, #14, AND #11
Looking S. 60° E
To accompany report by Wilbur H Grant
Scale 1 in = 40 ft.
Feb 1, 1927
—LEGEND—
Workings cut by Section
" back of "
" in front of "
Faults
Calcite Mineralization
Ore-bearing Mineralization
Stope Fills
Contact Metamorphic Rock
Porphyries (numerous kinds)
Limestone

MAP 1
Fig. r1
THE SIMON SILVER LEAD MINES, INC.
SIMON, MINERAL CO., NEVAD
COMPOSITE PLAN
OF
MINE WORKINGS
LEGEND
SURFACE WORKINGS
ADIT LEVEL (OLD 30 FT.)
49 FT. " (" 80 ")
98 " " (" 130 ")
187 " " (" 250 ")
252 " " (" 300 ")
353 " " (" 4th)
442 " " (" 475 ")
505 " " (" 5th)
706 " " (" 7th)
800 " "
900 " "
1000 " "
Scale 1 in. = 60 ft.
60 45 30 15 0 60 120
A, B...I (see table r1) e.g.,
A-7.4-5.6-6.2 = Ag 7.4 oz/ton, Pb 5.6%, Zn 6.2%
nr-not reported
rev 8/28/51
MAGNETIC NORTH
17°30'
SIMPLEX
JANUARY MAMMOTH
FORD
MAMMOTH, EXTNSN.
PILOT
LILLIAN No. 2
LILLIAN
SECTION L ZERO
SECTION L 10
STERLING SHAFT
110 Ft. beyond border
MAIN SHAFT
El. 6729.93
OLD SHAFT
El. 6765.4
COPPER SHAFT (El. 6827.8)
No 2 SHAFT
63 ft LEVEL
ADIT LEVEL
Powder Tunnel
Mill Bldg
A10 STOPE
403 STOPE
Zone of west ore shoot
Probable downward extension exploration area
A-7.4-5.6-6.2
B-8.0-7.2-5.5
C-6.5-7.7-4.9
E-12.8-1.2-0.2
F-13.4-9.2-5.4
G-7.5-7.3-5.3
J-8.8-8.9-8.1
3.9-11.3-3.9-D
I-8.5-9.8-7.2
H-nr
1000 level
900 level
800 level
WINZE
902-5.0-5.1-4.9
901-4.6-5.0-5.4
915-4.0-4.9-2.5
812-1.3-1.3-2.3
353-5.8-6.9-5.0
1947 development
353 to follow contact to ore shoot
top of hill
exploration area, probable upward extension
gulch
900 FT. LEV.
800 FT. LEV.
706 FT. LEV.
505 FT. LEV.
442 FT. LEV.
400 FT. LEV.
300 FT. LEV.
252 FT. LEV.
Sump 706
SECT. 2
SECT. 5
SECT. 8
SECT. 11
SECT. 14
SECT. 16
SECT. 13
N 2000
N 1900
N 1800
N 1700
N 1600
N 1500
N 1400
N 1300
N 1200
N 1100
N 1000
N 900
N 800
E 1100
E 1200
E 1300
E 1400
E 1500
E 1600
E 1700
E 1800
E 1900
E 2000
E 2100
E 2200
E 2300
E 2400
E 2500
E 2600
E 2700
E 2800
E 2900
E 3000
E 3100
E 3200


MAP
OF
SIMON MINING
DISTRICT
FORMERLY BELL MINING DISTRICT
MINERAL COUNTY - NEVADA
SHOWING LOCATION OF MINES
COMPILED BY
A.H. Eftmann
MINING ENGINEER
SEPT. 15, 1919
1000 FEET
TONOPAH NEV
OLYMPIC MINES CO
TO PACTOLUS
OMCO
TO MINA
PASCHE GROUP
SIMON GOLD MINING CO.
SILVER BELT ORES.
GOLD AND CYANIDING
SIMON ESPERANZA MINES CO.
TONOPAH SHAWMUT MINES CO.
PACTOLUS
4 MILES
STOTT
ATHENS
LOO
SILVER CLOUD
NELSON
MINERAL BELL MINING CO
SIMON NORTH CONTACT MINING CO.
SIMONS CONTACT EXT. MG. CO.
SIMON ANNEX
SIMON COEUR D'ALENE MINING CO.
SIMON EXT. MINES CO.
SIMON CONTACT MINES CO.
SIMON SILVER-LEAD EXT. MINES CO.
SIMON SILVER-LEAD EAST EXT. MINES CO
MIAMI GROUP
MT. LUCRE GROUP
SIMON
SIMON GROUP
SIMON SILVER-LEAD MINES CO.
MINA GOLD MINING COMPANY
VULCAN MINE
THOMPSON WALSH MINES CO
CON. WEST EXT. SIMON MINES CO
MINA GOLD EXTENSION MINING CO.
LITTLE SIMON
SIMON SILVER BELL MINING CO.
SIMON SOUTH SILVER MINES CO
SIMON SILVER-LEAD EAST EXT. MINES CO
SIMON TRIANGLE MINING CO
SIMON JUNIOR SILVER-LEAD MINING CO.
SIMON JACKPOT MINING CO.
SIMON CENTRAL MINING CO.
SILVER LEAD & ZINC BELT CONCENTRATING ORES
LUCKY SIMON MINING CO.
SIMON MINA MINING CO.
SILVER TOP
ROOSTER COMB GROUP
SILVER TOP MINING CO.
NORMAN SILVER MINING CO.
FAGAN GROUP
FAGAN TOWNSITE
SIMON DOUGLAS MINES CO.
TO CLOVERDALE TONOPAH
CEDAR SUMMIT
SILVER GOLD LEAD COPPER BELT SMELTING ORE
CONTACT SILVER MINING CO
SIMON DIVIDE MINES CO.
COPPER CONTACT
TO MINA 18 MILES
LOO ROAD
PACTOLUS
NYE COUNTY
ATHENS
OMCO
SIMON
FAGAN
LUNING
SUMMITS
BENTON CANYON
WELL
TUNGSTEN
MINA
CINNABAR
N

T6 R35

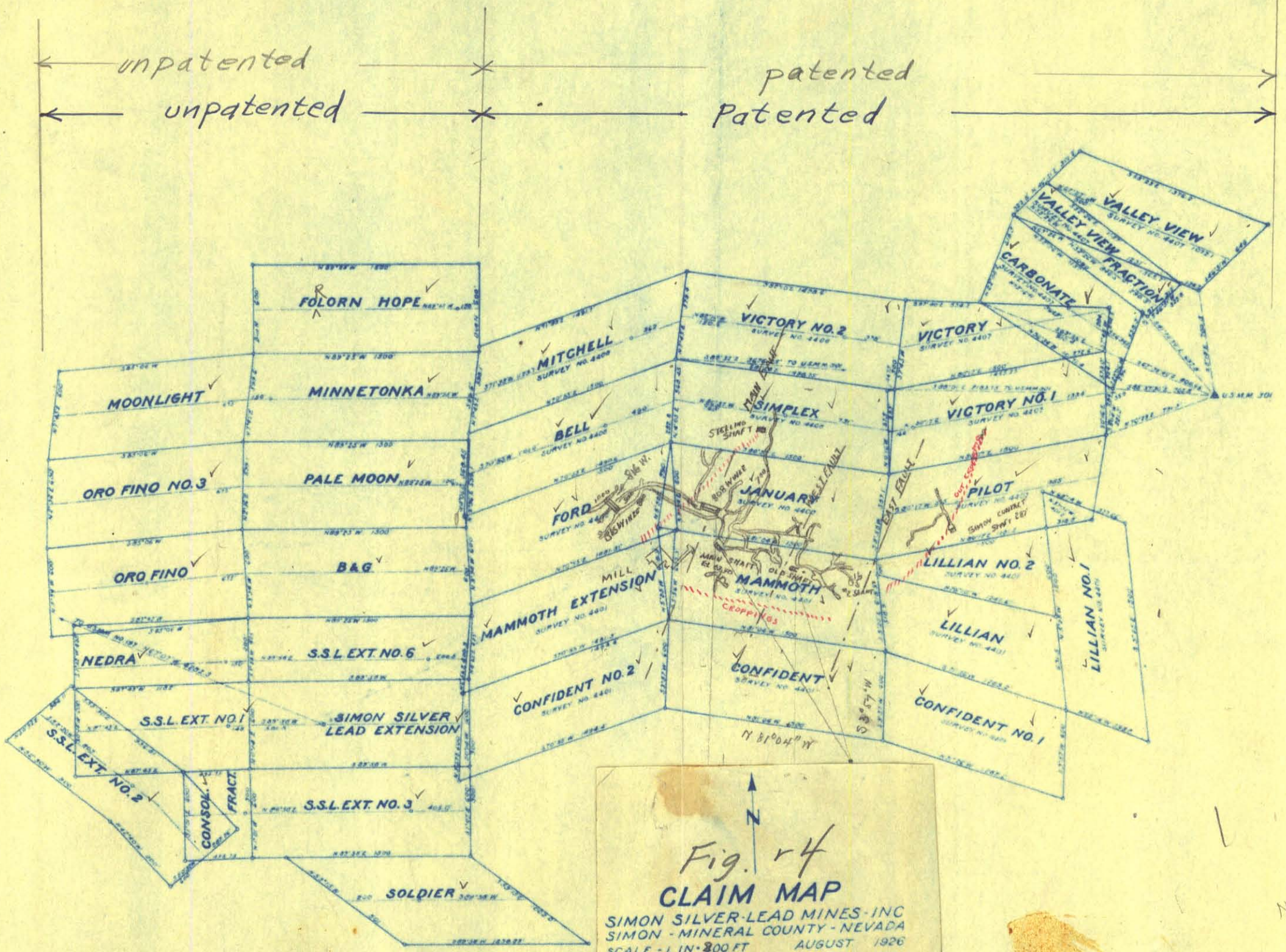


Fig. 4

CLAIM MAP

SIMON SILVER-LEAD MINES-INC
SIMON - MINERAL COUNTY - NEVADA
SCALE - 1 IN = 200 FT AUGUST 1926

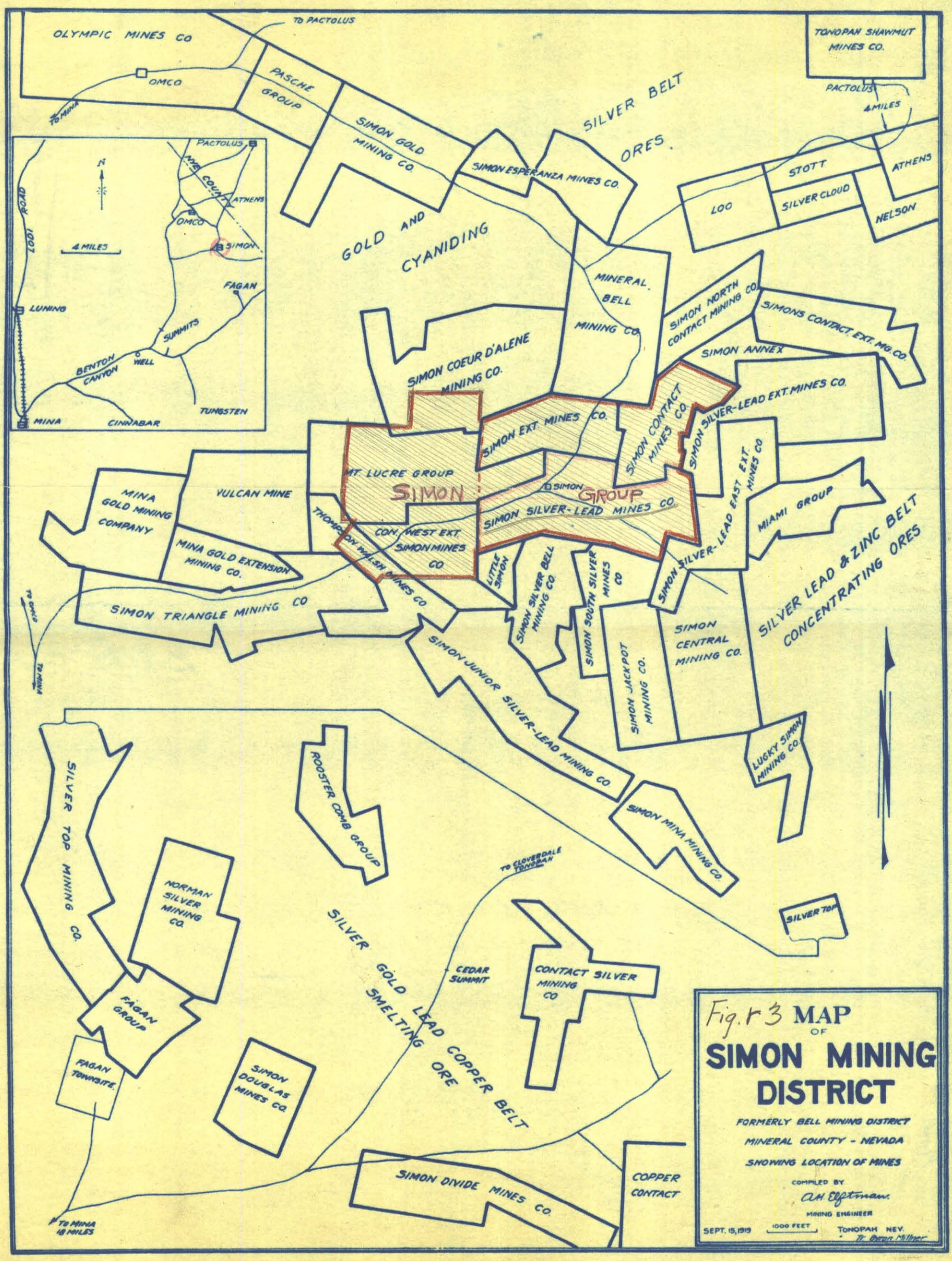

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Fig. r 3 MAP OF
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FORMERLY BELL MINING DISTRICT
MINERAL COUNTY - NEVADA
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