DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA DMA Docket No. 2330

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION PROJECT

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

Routing Slip
(ONE COPY TO USGS & ONE TO USBM)

To: CODE 700 Rm. 4640 Date 1-22-52

To: Mails & Files Date 6-30-52

To: _____ Date _____

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CONTROLLED DOCUMENT

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

June 30, 1952

BV

MEMORANDUM

To: Robert E. Adams, Administrative Officer

From: Grace L. Ault
Rare and Misc. Metals Division

Subject: Closing of Docket DMEA-2330

The attached docket is closed because we did not receive a reply to our letter of May 29, 1952, giving them 30 days in which to submit needed data.

FILE COPY
SURNAME:

Ellis
Mitt

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

Messrs. L. J. [illegible]
[illegible] J. [illegible]
[illegible] Colorado Street
Seattle, Washington

Re: Docket No. [illegible]-230 (Mercury, and one Mercury Claim)
El Dorado County, California

Dear Sirs:

Reference is made to our letter to you of February 27, 1952, responding to your communication of [illegible] 1952, at which time we outlined the additional information which is required by this agency before further action can be taken on your application dated January 14, 1952.

Nothing further has been received from you and we have not yet heard from you as to your desire to proceed with the application. We wish to cooperate with you in the matter of allocating ample time, but if the needed data has not been received by June 30, 1952, we will then consider the docket closed.

Very truly yours,

5/29
cc

Ernest M. Ellis, Chief
Fore and Inc. Metals Division
Defense Minerals Exploration
Administration

EMEnouse/jem
5/28/52
cc to: Adm. Reading File
Docket
Messrs. H.F.Meyer-3623
A.T.McKnight-4204 GSA
Ellis
Field Team, Region III (2)

700

FILE COPY
SURNAME:

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

FEB 27 1952

AIR MAIL

Messrs. L.J. Harper and E. J. Petersen
208 Columbia Street
Seattle, Washington

Re: Docket No. DMEA-2330 (Mercury)
Red Dome Mercury Claim
Del Norte County, California

Gentlemen:

We wish to refer you to the captioned application now being processed by this office. In order for us to continue with this processing we will require more detailed information as follows:

1. Maps or sketchs, drawn to scale, outlining the known mercury mineralized zone in plan and section (giving approximate elevations) showing sample and assay results and the claim boundary lines.

2. Outline on the maps or sketchs, the proposed locations and extent of the tractor trenches or stripping and estimate the time the tractor will be required to do this work.

3. Show the location and extent of the proposed diamond drill holes on the plan and section maps and estimate the time required to complete this work.

4. Show the location, size and extent of the proposed shaft and tunnel on the plan and section maps and estimate the time required to complete this work.

5. (a) A detailed cost estimate covering each separate phase of this work (Paragraph Nos. 2,3,& 4) broken down in terms of labor, supplies, supervision, engineering, sampling and equipment to be rented, purchased or supplied by operator.

(b) If any phase of this work is to be done by a contractor, the unit contract cost is to be indicated.

Upon receipt of the above information we will be able to continue processing this application.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

FKnouse/jem 2/26/52
cc to: Adm. Reading File
Docket
Messrs. Meyer, HM Rm. 3623
McKnight, ET Rm. 4204
Ellis
Knouse
Field Team, Region III (2)

IN REPLY REFER TO:
2/19/52 glm

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

February 19, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: Edwin T. McKnight

Subject: Recommendation on above listed docket

Re: DMA-2330
L. J. Harper & E. J. Petersen
Red Dome Claims
Trinity County, California
Exploration loan, $20,500
Quicksilver

The application gives very little information that would be useful in appraising the geologic merits of the project. It will, therefore, need to be referred to the field for an examination and appraisal. Some of the items listed for rental (depreciation) may not be permissible expenditures under the exploration program.

Edwin T. McKnight

Edwin T. McKnight
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

February 19, 1952

Memorandum

Re: DMA-2330
L. J. Harper & E. J. Petersen
Red Dome Claims
Trinity County, California
Exploration loan, $20,500
Quicksilver

To: Mr. E. Wm. Ellis

From: Edwin T. McKnight

Subject: Recommendation on above listed docket

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Edwin T. McKnight

Edwin T. McKnight
Geologist

C
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P
Y

ERNEST J. PETERSEN

208 Columbia Street
Seattle 4, Washington

February 19, 1952

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

Subject: DMEA 2331 & DMEA 2330 Re: Exploration Loan
Tour Your Gai claim and Red Dome Mercury claim

Gentlemen:

At the time the above loans were applied for, it was set forth the importance of action by March 1, 1952.

In our application we indicated the properties were ready for immediate exploration work to begin at the above date and that all of the necessary equipment, buildings and man power were available. We further indicated the weather conditions would permit the work to start.

Unless we can get this operation under way in early spring, we will not be able to do the diamond drilling on parts of this property for another year. Economical conditions are such, it is impossible to raise money from private sources and unless we can get help now, we will be forced to sell off our equipment and call it a day.

If it is possible to speed up the examination of these two prospecting loans, we will appreciate it greatly.

Yours very truly,

/s/ E. J. Petersen

C
O
P
Y

ERNEST J. PETERSEN

208 Columbia Street
Seattle 4, Washington

February 19, 1952

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

Subject: DMEA 2331 & DMEA 2330 Re: Exploration Loan
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Yours very truly,

/s/ E. J. Petersen

COPY

ERNEST J. PETERSEN

208 Columbia Street
Seattle 4, Washington

February 19, 1952

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

Subject: DMEA 2331 & DMEA 2330 Re: Exploration Loan
Tear Your Gai claim and Red Dome Mercury claim

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Yours very truly,

/s/ E. J. Petersen

2/7/52 glu

ERNEST J. PETERSEN
208 COLUMBIA STREET
SEATTLE 4, WASHINGTON
ELIOT 2622

Room 20

Feb. 5, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 7 1952

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

Gentlemen:

Refer to Docket Number DMEA-2330, Rare & Miscellaneous Metals Division.

Kindly forward all future correspondence re subject matter to this office, if addressed to L. J. Harper, send it in care of this address.

Yours truly,

E. J. Petersen

EXPLORATION

Subject: DMEA-2330
Re: Exploration Loan
Red Dome Mercury Claim
January 22, 1952

Mr. L. J. Harper, Partner
208 Columbia Street,
Seattle, Washington

My dear Mr. Harper:

This will acknowledge receipt of your application dated January 14, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2330 and referred to the Rare & Miscellaneous Metals Division.

Kindly refer to DMEA-2330 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DME.A.-2330
Metal or Mineral
Date Received 1-18-52
Amount $
Participation (Government %)

Name and address of applicant

L. J. Harper,
3907 W. Hinds St., Seattle, Wash.

L. J. Petersen,
3020 31st Ave. S. Seattle 99, Wash

Joint owners

Office address:
208 Columbia St.,
Seattle, Wash.

Date Jan. 14, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested .....,

DMA Docket Number (if available) .....

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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. See attached sheet

(*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1952

NOTE: (1) 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 (*c*) 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.

(2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find? Mercury

(*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.
See map attached

16—64067-2

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it. see sheet attached

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

   see map attached

5. Furnish an itemized list 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. see sheet attached

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

   none

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased see sheet attached

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. see sheet attached

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

   see sheet attached

10. (*a*) How much are you prepared to invest in the proposed project? one-fourth of the cost

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

    yes

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

    none

CERTIFICATION

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

(Name of company)	By L. J. Harper (Signature of authorized official)
(Date)	L. J. Harper (Title)
	L. J. Peterson
	Joint owners

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—64067-2

Application for a loan on mercury property. MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. W. Seattle 99, Wash.

Answer to question 1.

(a) The Elk Camp mine will be used as base of operations for it is but one mile by road, from the Red Dome mercury claim, which this application applies to. The Red Dome claim is situated in Sec. 19 T. 18 N. R. 3 E. and about one-half of a mile north of the Webb mercury property which is in operation now. Considerable quantities of rich ore over a period of several years. Some of the ore in this Webb mine assays as high as 70 lbs. to the ton.

The Red Dome claims is 600'x 1500' and owned jointly by Harper and Petersen and recorded in the Recorders Office for Del Norte County, Crescent City, Calif. There has been a tremendous geological action in the area embraced by this claim. There appears to be an egg shaped chimney in about the center of the property. Limestone dyke crossing this chimney, has been completely eroded away by the action of the perculating waters. The oxidized dirt on the surface assays 1 lb. of mercury to the ton. It is thought rich values will be encountered at depth.

(b) Joint ownership.

(c) See attached map.

COPY

Application for a loan on mercury property. Form MF-103.

L. J. Harper, 3907 N. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. N., Seattle 99, Wash.

Answer to question No. 2.

(a) Mercury

(b) Refer to question 1 a and attached map.

COPY

Application for loan on mercury property. Form MF-103

L. J. Harper, 3907 N. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave., W. Seattle 99, Wash.

Answer to question No. 3.

(a) Proposed work will require approximately 200 hours of bulldozing and at least 1200 feet of diamond drilling. A shaft and tunnel will be necessary to prospect the chimney after diamond drilling is completed. The total cost of this operation not to exceed $20,500.00.

(b) The applicants would like to start exploratory work about March 1st 1952. It is estimated the prospecting project will take about four months to complete and can be done with the equipment, when not in use on the Elk Camp property. The prospecting work will be concurrent on the Elk Camp and Red Dome properties. Separate records to be kept on each property. We desire 16 months to complete the two projects due to winter conditions.

COPY

Application for a loan for mercury property. Form MF-103

E. J. Harper, 3907 N. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. W. Seattle 99, Wash.

Answer to question No. 5.

Elk Camp facilities will be used during the exploration work upon the Red Dome claim. Camp buildings consist of a bunk house, cook house, laundry room, shower and toilets. Dimensions of the building are 60'x20'. Wood shed and storage building is 16'x30'. Light plant and shop is 12'x16'. Cabin 10'x1[illegible]'. Water tank and shed. Buildings piped with hot and cold water and wired for electricity. General camp facilities for housing 15 men. Fuel storage facilities consist of two 550 gallon tanks mounted on platform. Entire camp in working order and ready for occupancy.

COPY

Application for a loan on mercury property. Form MF-103.

E. J. Petersen, 3020 31st Ave., W., Seattle 99, Wash.

L. J. Harper 3907 W. Hinds St., Seattle 6, Wash.

Answer to question No. 7.

(a) None

(b) Larger compressor may be needed.

(c) Depreciation	Per Mo.	4 Mos.
1 Allis Chalmers HD-14 bulldozer, about 50 hrs. per mo. at $8.00 per hour.	$ 400.00	$ 1600.00
1 Diamond drill, Chicago Pneumatic surface type. Capacity 900 ft. Almost new with complete equipment--mounted steel skids and tower. Estimated use--300 feet per mo. at $1.00 per foot.	300.00	1200.00
1 High pressure water pump for diamond drill	20.00	80.00
1 Large low pressure pump for drilling water	25.00	100.00
2 3000 gallon water tanks and 1000 feet of 2½" water hose	20.00	80.00
1 10KW 120-240 AC light plant	25.00	100.00
1 4 wheel drive 1½ ton heavy duty truck & winch	50.00	200.00
1 ½ ton International truck	25.00	100.00
1 Schramm 130 Cu. Ft. compressor	40.00	160.00
3 Jack hammers	15.00	60.00
Camp facilities	100.00	400.00
3 Ore cars, rail and water pipe	10.00	40.00
1 Small 1 cylinder sump pump	5.00	20.00
Drill steel, bits, air hose for hammers and misc. small tools	5.00	20.00
2 Fuel oil tanks--capacity 550 gal. each	10.00	40.00
	$1080.00	$ 4320.00

COPY

Application for a loan on mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

L. J. Petersen, 3020 31st Ave., W. Seattle 99, Wash.

Answer to Question No. 8.

	Per Mo.	4 Mos.
3 miners at $15.00 per day including board	$1125.00	$ 4500.00
1 timberman at $18.00 per day " "	468.00	1872.00
1 supervisor at $20.00 per day " "	500.00	2000.00
1 cook at $290.00 per mo. including board	290.00	1160.00
Bookkeeping, engineering & accounting	100.00	400.00
	$2483.00	$ 9932.00

COPY

Application for a loan on mercury property. Form MF-103

L. J. Harper, 3907 N. Hinds St., Seattle, Wash. 6

E. J. Petersen, 3020 31st Ave. W., Seattle 99, Wash.

Answer to question No. 9

Material and supplies:

	4 Mos.
Lumber & timbers	$ 1100.00
Diamond drill bits	700.00
Jack hammer bits and steel	150.00
Dynamite, caps and fuse	500.00
Miners tools and supplies	450.00
Deisel fuel 1120 gals. at 17¢ per gal.	190.40
Gasoline--1200 gals. at 19¢ per gal.	228.00
Bulldozer maintenance	500.00
Ins., social security, unemployment & tax	1589.12
	$ 6157.52

COPY

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMEA-2330
Metal or Mineral 18
Date Received 1-22-52
Amount $
Participation (Government %)

Name and address of applicant

L. J. Harper,
3907 W. Hinds St., Seattle, Wash.
E. J. Petersen,
3020 31st Ave. W. Seattle 99, Wash

Office address:
208 Columbia St.,
Seattle, Wash.

Joint owners

Date Jan. 14, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

DMA Docket Number (if available) _____

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1952

INSTRUCTIONS

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2. (*a*) What metals or minerals do you expect to find? mercury

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

   see map attached

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   (*b*) State the time required to start the project and to complete it. see sheet attached

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   see map attached

5. Furnish an itemized list 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. see sheet attached

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. none

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   (*b*) Purchased see sheet attached

   (*c*) Furnished by you

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    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

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

    none

CERTIFICATION

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

(Name of company)	By L. J. Harper (Signature of authorized official)
(Date)	E. J. Petersen (Title) Joint owners

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—64067-2

Application for a loan on mercury property. MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. W. Seattle 99, Wash.

Answer to question 1.

(a) The Elk Camp mine will be used as base of operations for it is but one mile by road, from the Red Dome mercury claim, which this application applies to. The Red Dome claim is situated in Sec. 19 T. 18 N. R. 3 E. and about one-half of a mile north of the Webb mercury property which is in operation now. Considerable quantities of rich ore over a period of several years. Some of the ore in this Webb mine assays as high as 70 lbs. to the ton.

The Red Dome claims is 600'x 1500' and owned jointly by Harper and Petersen and recorded in the Recorders Office for Del Norte County, Crescent City, Calif. There has been a tremendous geological action in the area embraced by this claim. There appears to be an egg shaped chimney in about the center of the property. Limestone dyke crossing this chimney, has been completely eroded away by the action of the perculating waters. The oxidized dirt on the surface assays 1 lb. of mercury to the ton. It is thought rich values will be encountered at depth.

(b) Joint ownership.

(c) See attached map.

Application for a loan on mercury property. Form MF-103.

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. W., Seattle 99, Wash.

Answer to question No. 2.

(a) Mercury

(b) Refer to question 1 a and attached map.

Application for loan on mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave., W. Seattle 99, Wash.

Answer to question No. 3.

(a) Proposed work will require approximately 200 hours of bulldozing and at least 1200 feet of diamond drilling. A shaft and tunnel will be necessary to prospect the chimney after diamond drilling is completed. The total cost of this operation not to exceed $20,500.00.

(b) The applicants would like to start exploratory work about March 1st 1952. It is estimated the prospecting project will take about four months to complete and can be done with the equipment, when not in use on the Elk Camp property. The prospecting work will be concurrent on the Elk Camp and Red Dome properties. Separate records to be kept on each property. We desire 16 months to complete the two projects due to winter conditions.

L. J. Harper
ERNEST J. PETERSEN
208 COLUMBIA STREET
SEATTLE 4, WASHINGTON
ELIOT 2622

Application for a loan for mercury property. Form MF-103

Answer to question No. 5.

Elk Camp facilities will be used during the exploration work upon the Red Dome calim. Camp buildings consist of a bunk house, cook house, laundry room, shower and toilets. Dimensions of the building are 60'x20'. Wood shed and storage building is 16'x30'. Light plant and shop is 12'x 16'. Cabin is 10'x12'.Water tank and shed. Buildings piped with hot and cold water and wired for electricity. General camp facilities for housing 15 men. Fuel storage consists of two 550 gallon tanks mounted on platform. Entire camp in working order and ready for accupancy.

Application for a loan on mercury property. Form MF-103.

E. J. Petersen, 3020 31st Ave., W., Seattle 99, Wash.

L. J. Harper 3907 W. Hinds St., Seattle 6, Wash.

Answer to question No. 7.

(a) None

(b) Larger compressor may be needed.

(c) Depreciation	Per Mo.	4 Mos.
1 Allis Chalmers HD-14 bulldozer, about 50 hrs. per mo. at $8.00 per hour.	$ 400.00	$ 1600.00
1 Diamond drill, Chicago Pneumatic surface type. Capacity 900 ft. Almost new with complete equipment--mounted steel skids and tower. Estimated use--300 feet per mo. at $1.00 per foot.	300.00	1200.00
1 High pressure water pump for diamond drill	20.00	80.00
1 Large low pressure pump for drilling water	25.00	100.00
2 3000 gallon water tanks and 1000 feet of 2½" water hose	20.00	80.00
1 10KW 120-240 AC light plant	25.00	100.00
1 4 wheel drive 1½ ton heavy duty truck & winch	50.00	200.00
1 ½ ton International truck	25.00	100.00
1 Schramm 120 Cu. Ft. compressor	40.00	160.00
3 Jack hammers	15.00	60.00
Camp facilities	100.00	400.00
3 Ore cars, rail and water pipe	10.00	40.00
1 Small 1 cylinder sump pump	5.00	20.00
Drill steel, bits, air hose for hammers and misc. small tools	5.00	20.00
2 Fuel oil tanks--capacity 550 gal. each	10.00	40.00
	$1080.00	$ 4320.00

Application for a loan on mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave., W. Seattle 99, Wash.

Answer to question No. 8.

	Per Mo.	4 Mos.
3 miners at $15.00 per day including board	$1125.00	$ 4500.00
1 timberman at $18.00 per day " "	468.00	1872.00
1 supervisor at $20.00 per day " "	500.00	2000.00
1 cook at $290.00 per mo. including board	290.00	1160.00
Bookkeeping, engineering & accounting	100.00	400.00
	$2483.00	$ 9932.00

Application for a loan on mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle, Wash. 6

E. J. Petersen, 3020 31st Ave. W., Seattle 99, Wash.

Answer to question No. 9

Material and supplies:

	4 Mos.
Lumber & timbers	$ 1100.00
Diamond drill bits	700.00
Jack hammer bits and steel	150.00
Dynamite, caps and fuse	500.00
Miners tools and supplies	450.00
Deisel fuel 1120 gals. at 17¢ per gal.	190.40
Gasoline--1200 gals. at 19¢ per gal.	228.00
Bulldozer maintenance	500.00
Ins., social security, unemployment & tax	1589.12
	$ 6157.52

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMEA-2320
Metal or Mineral
Date Received 1-18-52
Amount $
Participation (Government %)

L. J. Harper,
3007 W. Blinds St., Seattle, Wash.

B. J. Peterson,
5080 21st Ave. W. Seattle 99, Wash

Joint owners

Office address:
208 Columbia St.,
Seattle, Wash.

Name and address of applicant

Date Jan. 14, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested _____

DMA Docket Number (if available) _____

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1952

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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. see attached sheet

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find? Mercury

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.
   see map attached

16—64067-2

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it. see sheet attached

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

   see map attached

5. Furnish an itemized list 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. see sheet attached

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

   none

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased see sheet attached

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. see sheet attached

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

   see sheet attached

10. (*a*) How much are you prepared to invest in the proposed project? one-fourth of the cost

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

    yes

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

    none

CERTIFICATION

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

(Name of company)

By L. J. Harper
L. J. Harper (Signature of authorized official)

(Date)

L. J. Petersen (Title)
Joint owners

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—64067-2

Application for a loan on mercury property. MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. W. Seattle 99, Wash.

Answer to question 1.

(a) The Elk Camp mine will be used as base of operations for it is but one mile by road, from the Red Dome mercury claim, which this application applies to. The Red Dome claim is situated in Sec. 19 T. 18 N. R. 3 E. and about one-half of a mile north of the Webb mercury property which is in operation now. Considerable quantities of rich ore over a period of several years. Some of the ore in this Webb mine assays as high as 70 lbs. to the ton.

The Red Dome claims is 600'x 1500' and owned jointly by Harper and Petersen and recorded in the Recorders Office for Del Norte County, Crescent City, Calif. There has been a tremendous geological action in the area embraced by this claim. There appears to be an egg shaped chimney in about the center of the property. Limestone dyke crossing this chimney, has been completely eroded away by the action of the perculating waters. The oxidized dirt on the surface assays 1 lb. of mercury to the ton. It is thought rich values will be encountered at depth.

(b) Joint ownership.

(c) See attached map.

COPY

Application for a loan on mercury property. Form MF-103.

L. J. Harper, 3907 N. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. N., Seattle 99, Wash.

Answer to question No. 2.

(a) Mercury

(b) Refer to question 1 a and attached map.

COPY

Application for loan on mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave., W. Seattle 99, Wash.

Answer to question No. 3.

(a) Proposed work will require approximately 200 hours of bulldozing and at least 1200 feet of diamond drilling. A shaft and tunnel will be necessary to prospect the chimney after diamond drilling is completed. The total cost of this operation not to exceed $20,500.00.

(b) The applicants would like to start exploratory work about March 1st 1952. It is estimated the prospecting project will take about four months to complete and can be done with the equipment, when not in use on the Elk Camp property. The prospecting work will be concurrent on the Elk Camp and Red Dome properties. Separate records to be kept on each property. We desire 16 months to complete the two projects due to winter conditions.

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Application for a loan for mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave. W. Seattle 99, Wash.

Answer to question No. 5.

Elk Camp facilities will be used during the exploration work upon the Red Dome claim. Camp buildings consist of a bunk house, cook house, laundry room, shower and toilets. Dimensions of the building are 60'x20'. Wood shed and storage building is 16'x30'. Light plant and shop is 12'x16'. Cabin 10'x12'. Water tank and shed. Buildings piped with hot and cold water and wired for electricity. General camp facilities for housing 15 men. Fuel storage facilities consist of two 550 gallon tanks mounted on platform. Entire camp in working order and ready for occupancy.

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Application for a loan on mercury property. Form MF-103.

E. J. Petersen, 3020 31st Ave., W., Seattle 99, Wash.

L. J. Harper 3907 W. Hinds St., Seattle 6, Wash.

Answer to question No. 7.

(a) None

(b) Larger compressor may be needed.

(c) Depreciation

	Per Mo.	4 Mos.
1 Allis Chalmers HD-14 bulldozer, about 50 hrs. per mo. at $8.00 per hour.	$ 400.00	$ 1600.00
1 Diamond drill, Chicago Pneumatic surface type. Capacity 900 ft. Almost new with complete equipment--mounted steel skids and tower. Estimated use--300 feet per mo. at $1.00 per foot.	300.00	1200.00
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Application for a loan on mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle 6, Wash.

E. J. Petersen, 3020 31st Ave., W. Seattle 99, Wash.

Answer to question No. 8.

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Bookkeeping, engineering & accounting	100.00	400.00
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Application for a loan on mercury property. Form MF-103

L. J. Harper, 3907 W. Hinds St., Seattle, Wash. 6

E. J. Petersen, 3020 31st Ave. W., Seattle 99, Wash.

Answer to question No.9

Material and supplies:

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Ins., social security, unemployment & tax	1589.12
	$ 6157.52

COPY

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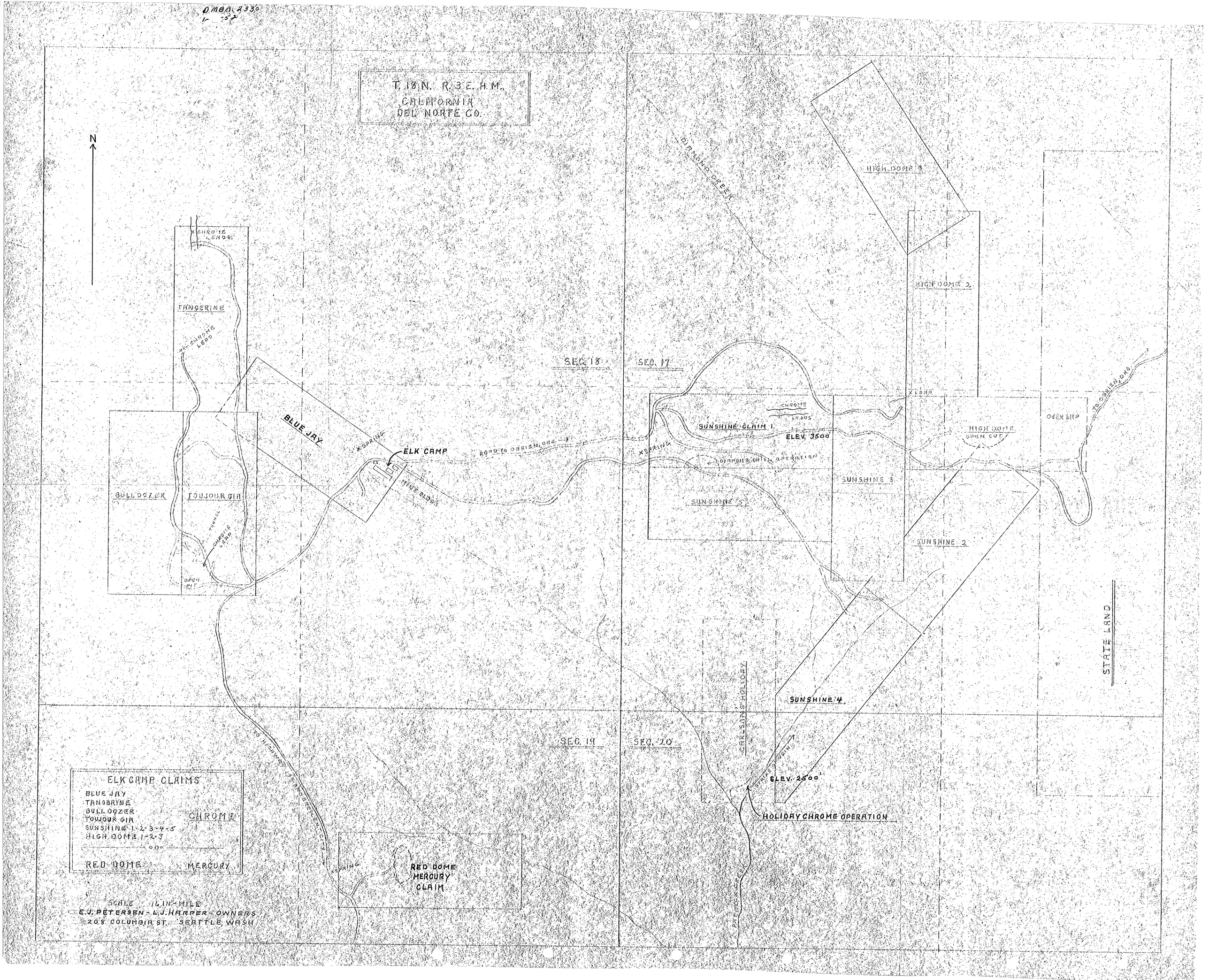
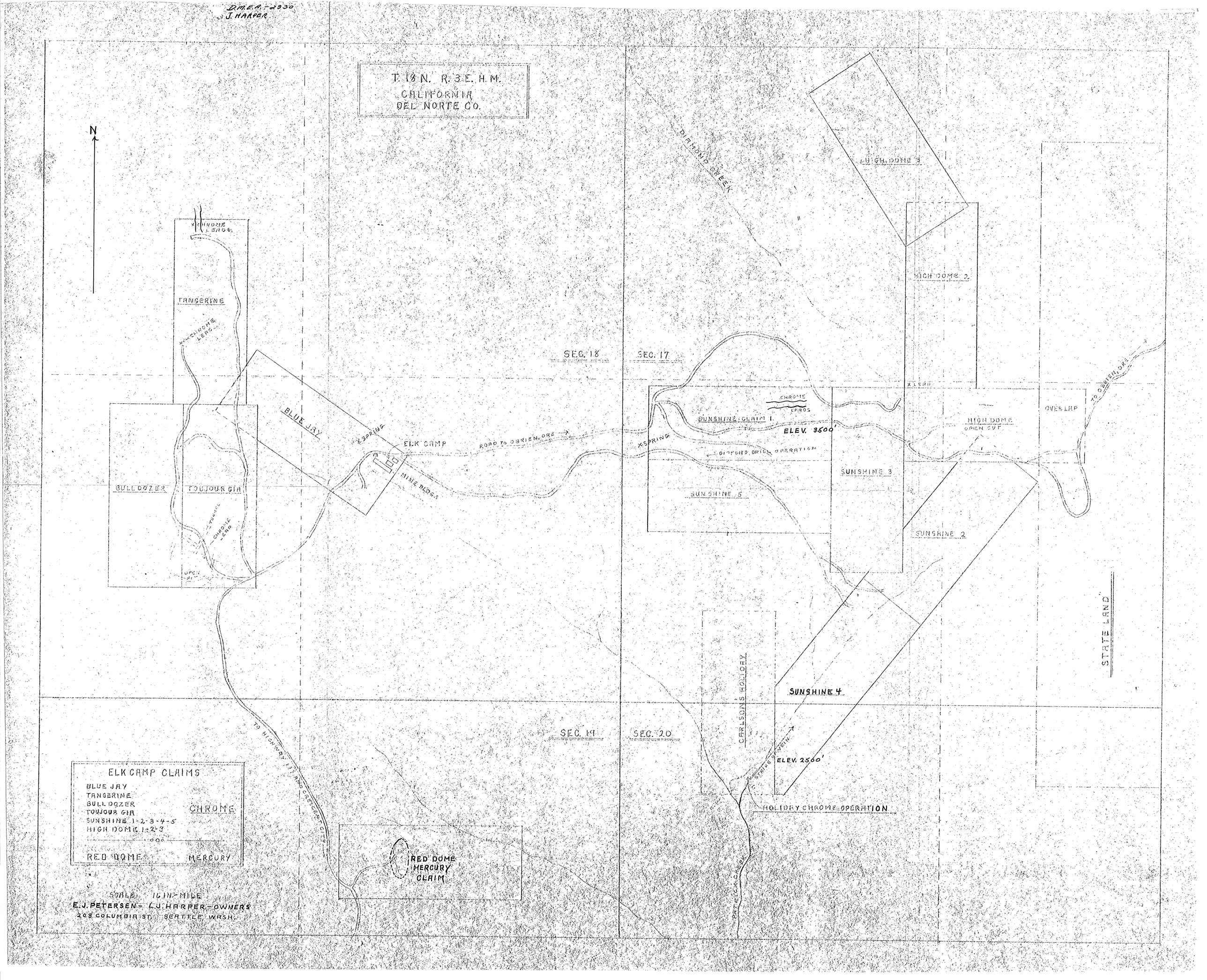
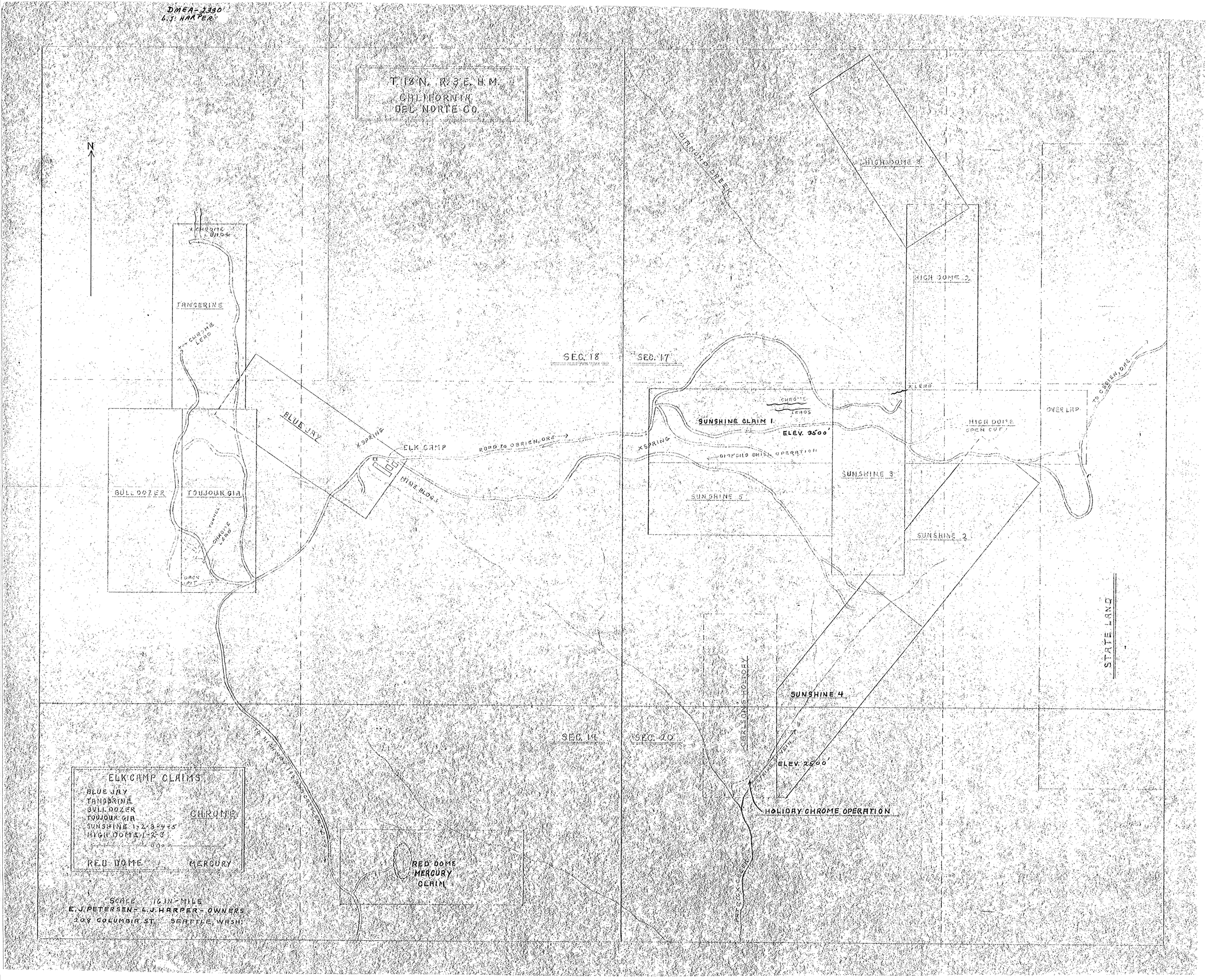
V-52



DMEA-2330
J. HARPER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L.J. HARPER