MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS[1]

To the United States of America:

That certain land in the County of Humboldt, State of California, described as follows:[2] Three mining claims located in Section 13, T6N, R4E Humboldt Base & Meridian and named as follows: #1 Sherry Kay #4 recorded in book 853, page 276 of deeds, #2 Katherine M #1 recorded Vol. 900 page 371, #3 LuElda #1 recorded vol. 900 page 373 hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

William J. Brundage[3], hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

None

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated _____, and recorded in Book _____, Page ____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions NONE (State "None" or "See Annex No.____".)

Dated this 12th day of April, 1967.

	Box 88	(Street)
Harvey O Blanks (Seal)	Arcata Cal	(City & State)
	Box 364	(Street)
Myrle A. Shetler (Seal)	Blue Lake Calif.	(City & State)
		(Street)
(Seal)		(City & State)
		(Street)
(Seal)		(City & State)
		(Street)
(Seal)		(City & State)
		(Street)
(Seal)		(City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____
(Corporate Seal)

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Jan. 1959

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Dated this 12th day of April, 1967.

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Harvey O Blanka (Seal) Arcata Cal (City & State)

Box 364 (Street)
Myrle R. Sheets (Seal) Blue Lake Calif. (City & State)

_____ (Street)
_____ (Seal) _____ (City & State)

_____ (Street)
_____ (Seal) _____ (City & State)

_____ (Street)
_____ (Seal) _____ (City & State)

_____ (Street)
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Dated this 12TH day of April, 1967.

Harvey O Blank (Seal)	Box 88 (Street) Arcata Cal (City & State)	
Myrle R. Sheets (Seal)	Box 364 (Street) Blue Lake Calif. (City & State)	
(Seal)	(Street) (City & State)	
(Seal)	(Street) (City & State)	
(Seal)	(Street) (City & State)	
(Seal)	(Street) (City & State)	

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MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
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Contract Date

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Gillian J. Brundage[3]
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_____ (Seal)	_____ (Street) _____ (City & State)	
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Harvey O. Blank (Seal)	Box 88 (Street) Arcata Cal (City & State)	
Myrle R. Roberts (Seal)	Box 364 (Street) Blue Lake Calif. (City & State)	
(Seal)	(Street) (City & State)	
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_____ (Corporate Seal)

MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. _____ Docket No. 6626

Application
- [x] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [x] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments

Right Side

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [ ] On-site Exam. Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports

- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with Transmittal, Narrative and Maps

Folders No. _____: Maps (Use pocket folder or envelope)

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

William J. Brundage
738 Fickle Hill Road
Arcata, Calif. 95521

April 27, 1967

United States Department of Interior
Office of Minerals Exploration
Washington 25, D. C. 20242

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 2 1967
INITIALS CODE
120 NC
FEJ HO
HK

Attn: Mr. Frank E. Johnson

Dear Mr. Johnson;

Re: OME 6626

Enclosed are copies of letters to lending institutions as per your correspondence of April 25th.

The correct spelling of the mining claim in question is (LuElda #1). I will have the typographical error on the quitclaim deed changed and initialed by Mr. Fehely.

The claim Sherry Kay #2 was not included in my application because it does not border the other claims and I do not intend to do any developement work on it at this time. It is located in Section 19 approximately one mile Southeast of the Sherry Kay #4. Mercury has been detected on this claim also but there has been no determination as to a connection with the other discovery.

Yours Truly

Wm J Brundage

Wm. J. Brundage

William J. Brundage
738 Fickle Hill Road
Arcata, Calif. 95521

March 22, 1967

Humboldt Federal Savings & Loan
1063 G St.
Arcata, Calif.

Attn: Loan Officer

Dear Sir:

I am interested in obtaining a loan from your organization for the purpose of mineral exploration on mining claims which I have leased in the Brush Mountain area. I have exposed Mercury bearing ore in several places and have assay reports running as high as 3.8 lbs per ton. The exploration will take nine months to complete and an additional three months required to get into production which is my reason for requesting the following amount and terms:

Ten Thousand Dollars ($10,000.00) on a ten year note, with interest only at the end of the first year and monthly payments thereafter.

Please advise me by letter as soon as possible whether or not you will consider this type of loan and the interest rate charged.

Yours Truly

Wm. J. Brundage

William J. Brundage
738 Fickle Hill Road
Arcata, Calif. 95521

March 22, 1967

Bank of America
Arcata, Calif.

Attn: Loan Officer

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Yours Truly

Wm. J. Brundage

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Memorandum April 17, 1967

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

From: Field Officer
Region II

Subject: New Application (Mercury and Platinum)
William J. Brundage
Sherry, Katherine, and LuElda Claims
Humboldt County, California

Enclosed is an application for financial assistance submitted to this office by Mr. William J. Brundage, 738 Fickle Hill Road, Arcata, California 95521. Only one copy was submitted but we have made a Xerox copy for Field Office files.

I have discussed the application with Edgar Bailey, USGS quicksilver commodity specialist. He is interested in the occurrence but had no record or knowledge of a deposit in the Willow Creek area. No information is given regarding the nature of the samples or what they represent. Platinum and mercury do not commonly occur together or in the same types of rocks.

The applicant has not included copies of his requests to the two banks.

H. K. Stager

Enclosure

OFFICIAL
COPY
O. M. E.
RECEIVED
APR 19
THERMAL/CO_E

MME Form 40
Jan. 65

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICIAL COPY
O. M. E.
RECEIVED
APR 19 1967
INITIALS CODE

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

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

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

William John Brundage
738 Fickle Hill Road
Arcata, California 95521

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6626

DATE RECEIVED: 4-19-67

REGION: II

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED:

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Mercury & Platinum

ESTIMATED COST OF PROJECT: $ 25,235.00

PROPERTY NAME	LOCATION COUNTY	STATE
Claims Sherry Kay #4 Katherine M #1 LuElda #1	Humboldt	Calif.

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior,* ~~Washington 25, D. C., or with the nearest OME Field Office.~~ Washington, D. C., 20242, or with the nearest OME Field Office.

CERTIFICATION

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

April 12, 1967
DATED

William J. Brundage
BY *(Signature)*

Owner
TITLE

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

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

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

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

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

2. Applicant's Rights in Land:

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

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

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

3. Physical Description:

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

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

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

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

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

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

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

4. Accessibility of Property:

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

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

5. Exploration Work:

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

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

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

6. Experience:

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

7. Estimate of Costs:

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

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

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

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

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

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

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

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

IN[illegible]OUP. SEC., WASH., D.C

RECEIVED
APR 14 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

William J. Brundage
738 Fickle Hill Road
Arcata, Calif. 95521

April 10, 1967

Mr. Harold K. Stager
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, Calif. 94025

Dear Sir:

Enclosed is an application for financial assistance in minerals exploration along with copies of the lease agreement, subordination agreement and a map of the area.

The mining claim, Sherry Kay #4 has been leased from Myrle R. Sheets and Harvy O. Blanks for a ten year period with provisions for renewal. The claims, Katherine M #1 & LuElda #1 were filed on by William Brundage and Glenn Fehely respectively and are to become a part of the claim group and be subject to same lease as the Sherry Kay #4. The lease agreement is enclosed. All claims have had the assessment work done and recorded.

In March, 1967 Glenn Fehely elected to drop out of the partnership. He has relinquished all rights to the claims and has signed a partnership release and a quitclaim deed to the LuElda #1 which was staked in his name. The claim was signed over to William Brundage. Copies of these transactions are enclosed.

Cinnabar ore has been uncovered along a limestone and serpentine contact near the point of discovery on the Sherry Kay #4. The vein assayed 3.80 lbs per ton of Mercury and is five feet in width. A tunnel was started and we made about twenty feet before rain and snow softened the ground and we couldn't hold it. Also the tunnel is too near the top of the ridge so gave it up until dry weather.

Cinnabar ore was uncovered close to the surface on the Katherine M #1 which is over the ridge, and a tunnel was started at the discovery point. This tunnel is about 30' under or into the hill. The plan is to drift into the hill on what appears to be a fissure vein or offshoot until we contact the main ore body under the Sherry Kay #4. As this tunnel is lower in elevation we will have gained an additional 100' in depth where we hit the contact. When we are well into solid rock we plan to cross drift 50' each way at right angles to the main drift to explore any additional veins which may be running parallel to the first.

The proposed exploration work would be - #1 The contin-

uation of exploration tunnel from discovery point on Katherine M 31 to main ore vein on Sherry Kay #4; a distance of 600' more or less depending on the pitch of the vein, and: #2 - the 100' of cross cut exploration from main drift.

Attached to this letter is the information requested on back of application form.

Yours Truly

Wm. J. Brundage

Wm. J. Brundage

William J. Brundage
738 Fickle Hill Road
Arcata, Calif. 95521

INFORMATION TO ACCOMPANY APPLICATION

1. Financial Eligibility

   a. Letters of refusal from two loan companys are enclosed.

   b. Not applicable

   c. My two sons & I intend to perform all labor for part of my share. Whatever balance necessary will be raised from savings account or sale of property.

2. Applicant's right in land

   a. Lessee - contract is attached

   b. Legal description of claims

      Claims are located in section 13, Township 6 North, range 4 East, Humboldt Base & Meridian.

      The Sherry Kay #4 is recorded in Book 853, page 276 of deeds and is tied into section corner thus: From point of discovery North 31° 50' 11" East 1842.10' to North East corner of Section 13, T6N, R4E, HBM.

      The Katherine M #1 is recorded in Vol. 900, page 371 of official records, is adjacent and tied to Sherry Kay #4.

      The LuElda #1 is recorded in Vol. 900, page 373 of official records, is adjacent and tied to Sherry Kay #4.

      All records are at Humboldt county court house, Eureka.

   c. Enclosed are five copies of Subordination Agreement.

3. Physical Description

   a. Enclosed is sketch of claims with all known cinnabar carrying veins and labor performed to date.

   b. We have done all work except the innitial prospecting which was done by Lessor and consisted of an open cut 10' in depth.

   c. No past production - this is a new discovery

   d. Ore reserves unknown - Assay report attached

   e. See sketch attached

   f. Original sampling method was by panning until ore veins were exposed. Then a representative sample was taken from the vein and sent to an Assayer.

   g. No geological or engineering work done.

William J. Brundage
738 Fickle Hill Road
Arcata, Calif. 95521

4. Accessibility to Property

a. I live one mile from Arcata and five miles from the airport. My phone number is area code 707 - 822 2500. The mine is 48 miles East on highway 299 and 10 miles off the highway on a forest service road. The USFS road to Brush Mountain Lookout goes thru the Sherry Kay #4 claim.

b. Nearest supply point is Willow Creek, 14 miles from the mine. Nearest rail head is Arcata, 58 miles.

5. Exploration Work

a. Proposed exploration is described in letter and sketches are enclosed.

b. Access road to the tunnel site on Katherine M #1 will require a few hours work with bulldozer to be passable this summer but will require rock surface before another winter. It is 800' from tunnel to a Forest Service road to the West of the Katherine M #1 and a road has been pioneered.

c. If an OME contract is executed we will start immediately and at the rate of 4' per day will require 8 3/4 months to complete.

6. Experience

My experience is very limited, six weeks underground tunneling in Montana in 1936, six more running an exploratory drift in Nevada in 1965 and the 50' of tunnel so far on this project.

However, I am relying on my Father who will act as supervisor and advisor and his experience is as follows: 5 years for A.C.M. in Butte, Montana during which time he worked in the Leonard, the Belmont, St Lawrence and the Original. His work included timbering, repairs as well as general mine work: 1 year at Bald Butte, 28 miles from Helena, where he worked on tunnels, shafts and stopes: 6 months at the Cerlew mine, Stevensville, Montana - timbering: 6 months at a zinc mine, Arco, Idaho - general mining.

7. Estimate of Costs

a. There will be no independent contracts

b. Personal services

Supervision - $400.00 per mo x 8 3/4 mo		3500.00
Engineering & Geological	4 days at 100.00	400.00
Accounting	30 hrs at 10.00	300.00
		4200.00

c. Operating materials & Supplies

Powder, fuse & detonators	Powder	25#	8.00
	fuse	70'	1.00
	caps	10	1.00

William J. Brundage
738 Fickle Hill Road
Arcata, Calif.

Compressor fuel & lube	14.00
mine rail 8' at .50	4.00
Air & water lines 4' x 1.50	6.00
Steel & bits	8.00
Total per day	42.00

d. Operating equipment - furnished by applicant

Compressor, Gardner Denver with Buda engine recently overhauled and in good condition value	2000.00
Drill with jackleg - recently checked and in good condition	900.00
Water pressure tank 80 gal - good condition	50.00
Mine car, overhauled and in good condition	150.00
chain saw w 36" bar & chain	90.00
1962 3/4 ton chev. pickup with interlocking rear end, motor just overhauled	1000.00

e. none

f. none

g. Miscellaneous

Maintenance, grease, oil & minor repairs 80.00 per mo. estimate x 8 3/4 months		700.00
Accounting estimate	30 hrs at 10.00 per hr	300.00
Workmen's compensation Ins.	reg. 13.50 per 100.00	
surcharge for Pneumonoconosis	3.80 per 100.00	
total - 17.30 per 100.00 payroll		
FICA	4.40 per 100.00	
Calif state disability Ins.	3.70 " "	
Total payroll overhead	25.40 per 100.00	

For cost estimate summary see page 4

William J. Brundage
738 Fickle Hill Road
Arcata, Calif. 95521

7 cont.

Cost Summary

700' exploratory drift at 36.05 per foot 25,235.00

700' - advance 4' per day - 175 days - 8 3/4 months

Two miners at 3.50 per hr	56.00 per day	14.00 per foot
Insurance, FICA & SDI	25.40 per 100.00	3.55 " "
Powder, fuse & caps		2.50
Compressor supplies		3.50
Steel & bits		2.00
Repairs		1.00
Rail, air & water lines		2.50
Supervision, engineering, accounting		6.00
Rental - see below		1.00
		36.05

Operator owned equipment

Compressor	2000.00
Drill with jackleg	900.00
Air & water hoses	400.00
Water tank	50.00
Mine car	150.00
Truck	1000.00
tools	300.00
	4800.00

Monthly rental - $\frac{4800.00}{60}$ = 80.00 x 8 3/4 mo = 700.00 = 1.00 per ft

Cable Address — BANKAMERICA

Bank of America
NATIONAL TRUST AND SAVINGS ASSOCIATION

ARCATA BRANCH • 697 8TH STREET • ARCATA, CALIFORNIA 95521

March 23, 1967

Mr. William J. Brundage
738 Fickle Hill Road
Arcata, California

Dear Mr. Brundage:

Your request for a $10,000.00 loan to be used for the purpose of Mineral Exploration has been received and reviewed. At the present time, our loaning policy does not permit us to make a loan for this purpose. Therefore we are unable to assist you.

Should you care to discuss this application with us, please stop by my desk.

Sincerely,

Joe Clevenger
Assistant Manager

JC:ng

HUMBOLDT
FEDERAL
SAVINGS
& LOAN ASSOCIATION

March 23, 1967

Mr. William Brundage
738 Fickle Hill Road
Arcata, California

Dear Mr. Brundage:

Thank you for your application regarding the possibility of making funds available for mineral exploration.

Please be advised that this type of financing is not available due to the fact that our regulations preclude it.

Yours very truly,

John F. Burger
Loan Officer

JFB/vh

ROBERT E. CRAIG & CO.

MINING GEOLOGISTS
11844 ART STREET
SUN VALLEY, CALIFORNIA
899-0613 767-2681

Analysis No. 7149

February 18, 1967

Sample submitted by;
Wm. J. Brundage
738 Fickle Road
Arcata, California.
95521.

Sample No. NONE

Pt - Platinum .097 oz. per ton @$109.00 per oz. = $10.57 per ton.

Analysis and report by

Robert E. Craig

Robert E. Craig

Assay–Chemical Division

ABBOT A. HANKS

ESTABLISHED 1866

1300 SANSOME STREET • SAN FRANCISCO, CALIFORNIA 94111 • TELEPHONE (415) 434-0166

Assayers
Chemists
Spectrographers
Mining Consultation
Representatives
Inspectors
Samplers

LABORATORY REPORT

June 13, 1966

Deposited by: Mr. Glenn D. Fehely
Post Office Box 605
Arcata, California

Sample of Ore

Labty. No.	Mark	PERCENTAGES		LB/TON
3102	#1	Mercury	0.19	3.80

ASSAY - CHEMICAL DIVISION
ABBOT A. HANKS

By Charles J. Taylor

Charles J. Taylor

hms

CA-105

Do not return

QUIT CLAIM DEED

By this instrument dated March 25th, 1967, and for a valuable consideration, GLENN FEHELY hereby releases, remises and forever quit claims to WILLIAM J. BRUNDAGE, the following described real property in the State of California, County of Humboldt:

Lu Ella N. 1 mining claim located in Brush Mountain Mining District in Section 13, Township 6 North, Range 4 East, Humboldt County.

Glenn Fehely
GLENN FEHELY

STATE OF CALIFORNIA }
COUNTY OF HUMBOLDT } ss.

On the 11 day of April, 1967, before me, the undersigned, a Notary Public in and for said County and State, personally appeared GLENN FEHELY, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

WITNESS my hand and Official seal.

C. LeROY STARKEY
NOTARY PUBLIC
Humboldt County, California
My commission expires May 20, 1968

C. LeRoy Starkey
Notary Public

Do not return

NOTICE OF DISSOLUTION OF PARTNERSHIP

NOTICE IS HEREBY GIVEN, pursuant to Section 15035.5 of the Corporations Code of the State of California, that the general partnership of GLENN FEHELY and WILLIAM J. BRUNDAGE, general partners engaged in business in the State of California and in the County of Humboldt, was dissolved as of March 25th, 1967, and that thereafter no person had authority to incur any obligations for said former firm. GLENN FEHELY assigns to WILLIAM J. BRUNDAGE all of his right and interest in and to all of the assets of said partnership, including, but not limited to, equipment, buildings and mining claims, and WILLIAM J. BRUNDAGE has assumed all of the liabilities of said partnership.

The names of all partners and their residences are as follows:

GLENN FEHELY
P. O. Box 605
Arcata, California

WILLIAM J. BRUNDAGE
738 Pickle Hill Road
Arcata, California

DATED: March 25th, 1967.

Glenn Fehely
GLENN FEHELY

William J Brundage
WILLIAM J. BRUNDAGE

STATE OF CALIFORNIA }
COUNTY OF HUMBOLDT } ss.

On this 11 day of April, 1967, before me, the undersigned, a Notary Public in and for said County and State, personally appeared GLENN FEHELY and WILLIAM J. BRUNDAGE, known to me to be the persons whose names are subscribed to the within instrument, and acknowledged to me that they executed the same.

WITNESS my hand and Official seal.

C. LeRoy Starkey
Notary Public

C. LeROY STARKEY
NOTARY PUBLIC
Humboldt County, California
My commission expires May 20, 1968

LEASE

THIS LEASE, made and entered into this 12TH day of APRIL, 1967, by and between MYRLE R. SHEETS and HARVEY O. BLANKS, hereinafter called Lessor, and WILLIAM J. BRUNDAGE, hereinafter called Lessee:

W I T N E S S E T H

That said Lessor for and in consideration of the rents and royalties reserved and the covenants and agreements on the part of the Lessee to be kept and performed, as hereinafter specified, has leased and by these presents does lease unto said lessee, and said lessee hereby hires and takes all the right, title, and interest of Lessor in and to all those certain mines, mining claims, mining property, water rights and ditches, and all rights appertaining thereto, commonly known as and called:

THE SHERRY KAY #4 and SHERRY KAY #2 located in the Brush Mountain Mining District Section 13, Township 6 North, Range 4 East, Humboldt Base and Meridian and is described in Book 853 of Deeds, Page 276 Humboldt County Records.

(1) Subject to being sooner terminated, as herein provided, the term of this lease shall be ten (10) years from and after the date hereof, with option to renew for an additional ten (10) years provided lessee is conducting the mining operations in a satisfactory manner and is meeting all the obligations of the agreement.

(2) Lessee shall pay to Lessor rent at the rate of ten (10%) percent of the gross sales of quicksilver or any other mineral found on said claims and upon any other claims located by Lessee within a radius of one (1) mile of the center of Sherry Kay #4 and Sherry Kay #2. Payments to be made to Lessor within fifteen (15)

days after the receipt of money from such sales and shall be accompanied by documents truly reflecting the amount of minerals sold by Lessee, check to be made payable to Myrle R. Sheets and Harvey O. Blanks.

(3) Lessee shall have a period of one (1) year from and after the date of this lease within which to have mine in production and the selling of materials from said mine. If said mine should not be in production within one (1) year, Lessor may, upon thirty (30) days written notice, terminate this lease and cause Lessee to remove his property and equipment from the claim.

(4) Deleted

(5) Should Lessors decide at any time during the life of this lease to sell said claims, Lessee shall have the right of first refusal to so purchase. In case the claims were sold to a third party, this lease agreement would still be binding.

(6) Lessee shall perform and record Proof of Labor upon mining claims by or before July 30, 1966, and each year thereafter for life of this lease.

(7) Lessee shall conduct all his operations on the demised premises in a substantial, systematic, proper and minerlike manner, according to approved mining methods for the operation of similar property, and with due regard to the development of the same as a safe and workable mine, both for present operations as well as safe and economical operation in the future.

(8) Lessee shall indemnify and hold and save harmless Lessor of and from all liability, loss and damage resulting from or arising out of the operation, use or maintenance of the demised premises and all appurtenances, during the term hereof, and of and from any and all claims asserted against Lessor by any other person or persons whomsoever by reason of such operation, use or maintenance.

(9) Lessee agrees to keep the demised premises free and clear of all liens of mechanics, laborers, miners, material men, or others furnishing work, labor or materials for or in connection with his operations and to keep and save harmless Lessor of and from all claims for work and labor done or materials used or furnished to be used on the demised premises, or any part thereof, and of and from all expenses incurred by Lessor in resisting or defending any claims asserted against said demised premises by such mechanics, laborers, miners, material men, or others. Lessee agrees to take out and maintain and keep in force at all times during the term of this lease compensation insurance with some authorized insurance carrier covering all his liability under any and all Workmen's Compensation Insurance Acts in force in the State of California.

(10) Lessor shall have access to all accounts, book records and receipts of Lessee, and to all shipping and refining returns giving information of the amount of minerals removed or extracted by Lessee from the demised premises and of the proceeds thereof. Lessor shall also have the right and shall be permitted at all times to enter upon the demised premises and upon any mining improvements and appliances therein and thereon and examine the work being done thereon, and at its option may keep an agent or

representative at all times on said property with full right of inspection and access. Lessor shall also have the right to post any notice of non-liability or non-responsibility as he may desire respecting liens on the said premises and shall have the right to maintain on said premises during the term of this lease any such notice of non-liability or non-responsibility. Lessor shall have the right at all times during the term hereof to take samples of ores and other materials from the demised premises, or from any portion thereof, or from any mill or smelter in which the ores or other materials from the demised premises are being treated. Lessor shall have the right to make and take for his files copies of all maps, plats and other records made and kept by Lessee in the course of his operations hereunder.

(11) Lessee shall remove from the workings to the dump all ore and all waste extracted from the leased property (except waste actually used for filling, in conformity with good mining practice) and shall store ore and waste each separate from the other.

(12) All operations on or about the demised premises or in pursuance of the development, mining and treating of ores in connection with the leased premises, shall be conducted in compliance with all laws of the United States and of the State of California and with all rules and regulations of governmental authorities having jurisdiction relating to such operations.

(13) Lessee agrees that the ores or products or other materials produced from the demised property shall not be mixed with any other ores or minerals from other properties for shipment to a smelter or customs mill.

(14) Should at any time the market for the minerals being

mined on these premises fall to such a low point that the continual operations of the mine would not show a reasonable profit, then the Lessee and Lessor shall meet and declare a curtailment until such time as the market would strengthen.

(15) We also agree that to fully cover the area of the two cliams that additional prospecting will be done and if Murcury is found that additional claims will be filed and that these claims will be treated as if they had been filed by Mr. Sheets. This will hold true for a radius of one (1) mile of point of discovery of Sherry Kay #4.

(16) Each and every agreement, covenant, term or condition herein contained on the part of Lessee to be kept or performed shall be, and it is hereby made, a condition of this lease, and in the event that Lessee shall fail or refuse for thirty (30) days after notice of default therein, to pay the rental herein provided or to keep or perform any other such agreement, covenant, term or condition, then in such event Lessor may at its option, without notice to Lessee and without waiving any other right hereunder or at law against Lessee arising from any such default, terminate this lease and with or without process of law, expel, remove and put out Lessee from the possession of the demised premises, but such termination shall not release Lessee from any obligation or liability therefore incurred by him under the provisions hereof. A waiver of any other default.

(17) The Lessee shall not sublet the said premises or any portion thereof without the written consent of Lessor first had and obtained.

(18) Lessee shall not make any voluntary assignment of this lease or any interest hereunder without the written consent of Lessor first had and obtained, except to a corporation controlled by Lessee.

(19) This agreement and all the stipulations, covenants, and agreements contained shall apply to and bind and inure to the benefit of the successors and assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this agreement the day and year first above written.

M. B. Sheets

Harry O. Blanks

LESSOR

Wm J. Brundage

LESSEE

U. S. Government Messenger Envelope

Standard Form 65 (Nov. 1961)
GSA Gen. Reg. No. 27

65-105

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
~~Fish & Wildlife~~ ~~Room 3238~~	STOP	Property Control ~~Room 3~~	STOP
Marilyn Mullen Room 6213	STOP	Budget + Finance Rm 5408 Interior Bldg	STOP
BEVERLEY [redacted]	STOP	~~Elizabeth Yates~~ ~~Bro of Mines~~ ~~Capitol Plaza~~	STOP
~~Mr Davis~~ ~~Rm. 2238 GSA Bldg.~~	STOP		STOP
~~Miss Ward~~ ~~Rm 5425 Int Bldg~~	STOP	~~Bro of Budget + Finance~~ ~~Geological Survey~~ ~~Interior Bldg.~~	STOP
~~Personnel Officer~~ ~~Atlantic Coast Branch~~ ~~Wilmington, Va.~~	STOP	~~Mr Hyacinth~~ ~~Library~~	STOP
~~Mrs Mattlage~~ ~~Chesapeake Bay Laboratory~~	STOP	~~Lee Jennings~~ ~~4234 GSA Bldg.~~	STOP
~~Branch of Personnel~~ ~~Washington D. C.~~	STOP	J. J. Johnson 4460 Interior	STOP
M. Moore GSA Rm 5214	STOP	4450	STOP
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(2/63)

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AIRMAIL

Mr. William J. Brundage
738 Fickle Hill Road
Arcata, California 95521

Re: OME-6626 (mercury, platinum)
William J. Brundage
Sherry Kay No. 4, et al., Claims
Humboldt County, California

Dear Mr. Brundage:

Your application for financial assistance under the OME program to explore the Sherry Kay property in Humboldt County, California, has been reviewed.

Careful study of this information and of other information available to us indicates that the probability of disclosing significant ore reserves on your property is not sufficiently promising to justify Government participation in the proposed exploration. We regret to advise you that under these circumstances your application for financial assistance is denied. This decision is reached without prejudice to your property.

If future work on the property reveals evidence that could justify an exploration program, we would be pleased to consider a new application.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading
Division file
Ec. Geol. Reading
OME Reading
OME Docket
Region II
Mr. Kirkemo
Chron.
130

HKirkemo:mch 7-10-67

23263

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(2/63)

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Date	Surname	Code
7/10	Johnson	

JUL 12 1967

Memorandum

To: The File

From: Assistant Chief, Office of Minerals Exploration

Subject: OME-6626 (mercury, platinum)
William J. Brundage
Sherry Kay No. 4, et al., Claims
Humboldt County, California

Justification for Denial

The lack of significant mineralization, the improbability of an improvement in grade of the mineralized material, and the unlikely chance that geologic factors more conducive to ore will be found justify denial of the application for Federal financial assistance to explore this property.

An interesting association of mercury and platinum was noted in assays submitted by the Applicant from a district not previously considered significant for ore deposits. Assays showed 0.097 ounces platinum per ton and 0.19 percent (3.8 lbs. per ton) mercury. Assays of 5 samples taken by the Field Officer indicate nil platinum and 0.013 to 0.067 percent (0.26 to 1.34 lbs. per ton) mercury. Check samples by the Field Officer of the same material which the Applicant had sampled and assayed showed a content of 0.013 percent mercury and nil platinum.

The Field Officer noted cinnabar in thin films and scattered minute crystals coating fracture surfaces in sheared, altered serpentine. The degree of rock alteration is slight. No reserves of ore grade material can be inferred from the evidence available, and it is not geologically probable that ore grade pods of mercury-bearing material will be found.

I agree with the Field Officer's recommendation to deny the application.

Harold Kirkemo

Harold Kirkemo

23263

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Memorandum

July 5, 1967

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

From: Field Officer
Region II

Subject: OME-6626 (Mercury-Platinum)
William J. Brundage
Sherry Kay No. 4, et al., Claims
Humboldt County, California

Enclosed is my Application Report on the subject property, recommending that the Application for Financial Assistance be denied.

H. K. Stager

Enclosure

UNITED STATES

DEPARTMENT OF THE INTERIOR

STEWART L. UDALL, SECRETARY

OFFICE OF MINERALS EXPLORATION

REPORT OF EXAMINATION

REGION II

APPLICATION REPORT

OME-6626 (Mercury, Platinum)
William J. Brundage
Sherry Kay No. 4, et al., Claims
Humboldt County, California

By

H. K. Stager
Field Officer
OME, Region II

July 5, 1967

ON-SITE REPORT

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ILLUSTRATIONS

Figure 1. Index map of Humboldt County, California.

INTRODUCTION

Mr. William J. Brundage, 738 Fickle Hill Road, Arcata, California 95521, applied to the Office of Minerals Exploration for Government assistance in an exploration project, Docket OME-6626, to explore for mercury and platinum on the Sherry Kay No. 4, et al., Claims, Humboldt County, California. The applicant infers the presence of minable mercury and platinum ore bodies along a shear zone in serpentinized peridotite and wishes to explore the deposit by drifting and crosscutting.

A field examination was requested by the Office of Minerals Exploration and was made by H. K. Stager, Field Officer, on June 22, 1967, accompanied by Mr. William J. Brundage, the applicant. The applicant's maps and assay data were examined and compared with surface and underground exposures in the claim area. A newly constructed furnace plant was examined. Five samples of the mercury- and platinum-bearing material were taken for study and analysis, the results of which are listed in this report.

SUMMARY

The claims contain several minor exposures of mercury-bearing material localized in shear zones of serpentinized peridotite. Assays of samples indicate that the mercury content of the most favorable material ranges from 0.013 percent (0.26 pounds per ton) to 0.067 percent (1.34 pounds per ton), and that the platinum group metals are not present in significant amounts, if at all. There is no geologic evidence to indicate larger or higher grade ore bodies below the exposures or elsewhere on the claims.

The applicant proposed to explore the deposit by driving 700 feet of crosscuts and drifts along the weakly mineralized shear zone. The low grade of the material and the small tonnage that can be inferred do not warrant Government participation in an exploration project for mercury or platinum on the property.

RECOMMENDATIONS

It is recommended that the application for Government assistance in an exploration project on the Sherry Kay No. 4, et al., Claims be denied on the basis that the geologic probability of discovering mercury- or platinum-bearing ore bodies of minable size and grade is too remote.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Sherry Kay, et al., Claims are in sec. 13, T. 6 N., R. 4 E., HBM, Brush Mountain mining district, Humboldt County, California (Fig. 1), on the south flank of Brush Mountain, at an altitude of about 3,500 feet.

To reach the property, that is about 4 miles southwest of Willow Creek (the closest town), drive 4 miles south on Highway 299, then turn west on the Forest Service Brush Mountain Lookout Road for 7 miles to the Sherry Kay claim that is about 1½ miles from the lookout station. The road passes through the claim area and is maintained by the Forest Service. The lookout road is a graded dirt road and is passable to ordinary passenger vehicles except during heavy rains or snowstorms. The drive from Willow Creek requires about a half an hour.

Mail, telephone, and trucking services are available in Willow Creek. Blasting supplies are available in Willow Creek and other mining supplies, materials, and equipment are available in the Eureka-Arcata area (60 miles) or in Redding (110 miles). Assay service is available in San Francisco (330 miles) at about $5 per sample for mercury and $5 per sample for platinum. Water is available from springs on the property. Mine timber is available on the property and dimension timber is available from sawmills in the vicinity at $45 per M. The local wage scale is about $3-$4 per hour for mine labor.

PROPERTY

History and Production

Except for a few shallow prospect pits and minor placer gold operations there has been no mining in the district. The owners of the claims, Myrle R. Sheets and Harvey O. Blanks, discovered the mercury-bearing shear zone on the Sherry Kay No. 4 claim by panning cinnabar from the nearby streams and hillsides about a year ago (1966). The applicant has done nearly all of the existing development and exploratory work within the past year. There has been no mercury or platinum produced from the district. The applicant has furnaced several tons of material from the mine workings but has not been able to recover any mercury. Assays of my samples of the "ore" and furnaced rock indicate a mercury content of 0.02 percent (0.4 pounds per ton) for both samples, probably indicating a furnace temperature too low to vaporize the small amount of mercury.

Ownership

The property leased by the applicant and contained in the application consists of three unpatented lode mining claims as follows:

Claim Name	Book	Page
Sherry Kay #4	853	276
Katherine M #1	900	371
Lu Elda #1	900	373

All are recorded in the records of Humboldt County, in Eureka, California.

Lien and Subordination Agreements signed by the owners Mr. Harvey O. Blanks, Box 88, Arcata, California, and Mr. Myrle R. Sheets, Box 364, Blue Lake, California, were attached to the application. A copy of the lease from the owners to the applicant for a period of 10 years, dated April 12, 1967, was also attached to the application.

Financial Eligibility

The applicant furnished copies of letters to two banks requesting loans for the proposed work and copies of letters in reply from the banks refusing the loans. The applicant stated that he would furnish his share of the costs of the proposed work by use of his equipment, labor by himself and two sons, and the balance in cash.

Development

The property is developed by several open cuts, prospect pits, and two short adits about 30-40 feet in length. Several short access roads from the Forest Service road have been constructed to the adits.

A small furnace plant, consisting of a small jaw crusher and two single-pipe wood-fired retorts, has been constructed about a half a mile from the adits. Capacity of the plant is estimated at about 2 tons per day. A house trailer is parked at the plant to provide living quarters for the applicant and his two sons while working on weekends and during the short periods they are at the property.

GEOLOGY

Geologic Setting

The property is in a densely forested area high on the slopes of Brush Mountain. The only rock exposures are in road cuts, bulldozer trenches, and mine workings.

Serpentinized peridotite is the only rock exposed in the claim area. The peridotite is probably part of a long narrow band of ultramafic rocks of Mesozoic (probably Cretaceous) age that strikes north and intrudes sedimentary rocks of Paleozoic and Mesozoic age.

The peridotite in the claim area is sheared and locally has been hydrothermally altered. It is within these sheared and altered zones that the cinnabar deposits occur.

Ore Deposits

The mercury-bearing material exposed on the property is localized along north-striking shear zones in the serpentinized peridotite. Cinnabar, the only mercury mineral seen, occurs as thin films and scattered minute crystals coating fracture surfaces in the serpentine. The rocks are weakly silicified and a few thin veinlets of quartz and silica-carbonate rock are present in the shear zones. Thin seams of chrysotile asbestos occur in the serpentine and locally contain small crystals of cinnabar, a rather unusual mineralogic occurrence.

The mineralized shear zones range from about 5 to 15 feet in thickness; are vertical, or dip steeply east or west; and are of unknown strike length. The most highly mineralized zone occurs on the Sherry Kay No. 4 claim and has been explored by an open cut and adit for a length of about 100 feet and a depth of about 30 feet. Although the thin films of cinnabar on fracture surfaces are readily visible, assays of the highest grade material exposed in the mine workings indicate a grade of only 0.013 to 0.067 percent mercury.

There were no platinum-group minerals observed and the assays indicate that none are present in significant amounts.

Sampling

The applicant submitted two assays with the application, one for mercury indicating a content of 0.19 percent (3.8 pounds) and one for platinum indicating a content of 0.097 ounce per ton. Five samples were taken during the field examination and the assays are as follows:

Number	Platinum	Mercury (percent)	Description
BR-1	None	0.013	Grab sample from prospect pit above adit on Katherine M claim
BR-2	None	0.013	Grab sample of stockpile ore at adit on Sherry Kay claim. Same material as applicant's mercury sample
BR-3	None	0.067	Chip sample along east side of open cut at portal of adit on Sherry Kay claim
BR-4	None	0.020	Grab sample of crushed ore below crusher in furnace plant
BR-5	None	0.020	Grab sample of burned rock from furnace plant. Same material as applicant's platinum sample

Ore Reserves

There are no reserves of ore-grade mercury- or platinum-bearing material exposed on the claims. Small stockpiles of mercury-bearing material at the mine workings and in the mill and furnace plant are too low in grade to be treated economically. It is possible, but not considered geologically probable, that pods of ore-grade mercury-bearing material may be present down the dip of the shear zones exposed on the claims. The lack of significant hydrothermal alteration in the shear zones, however, indicates that the degree of mineralization was slight and that unexposed mineralized shoots are probably of about the same grade as the ones exposed.

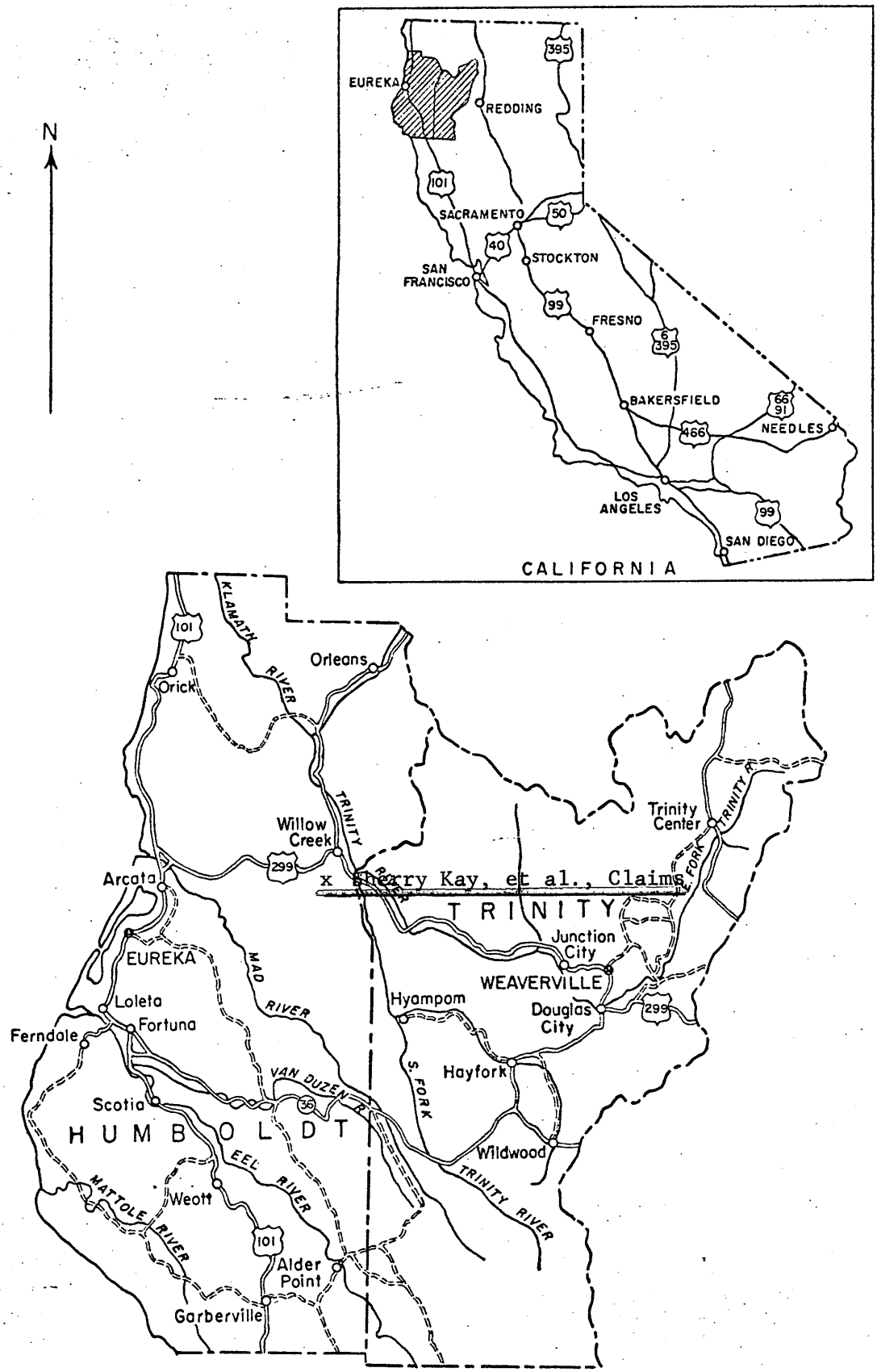

Figure 1. INDEX MAP OF HUMBOLDT AND TRINITY COUNTIES, CALIFORNIA

0 20 40 60 Miles

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(2/63)

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5/3/67	Kirkemo	120
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1/B	Cal	220
		120M

AIRMAIL

MAY 3 1967

Mr. William J. Brundage
738 Pickle Hill Road
Arcata, California 95521

Re: OME-6626 (Mercury, Platinum)
William J. Brundage
Sherry Kay No. 4, et al., Claims
Humboldt County, California

Dear Mr. Brundage:

Thank you for your letter dated April 27, 1967, advising us of the correct spelling of the La Elda No. 1 claim, the location of the Sherry Kay No. 2 claim, and enclosing copies of your letters to the banks.

The corrected quitclaim deed will be substituted in your application upon receipt.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Docket
OME Reading File
OME Region II w/cy incoming letter
Mr. Kirkemo

HKirkemo/gla 5-3-67

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APR 25 1967

AIRMAIL

Mr. William J. Brundage
738 Fickle Hill Road
Arcata, California 95521

Re: OME-6626 (Mercury, Platinum)
William J. Brundage
Sherry Kay No. 4, et al., Claims
Humboldt County, California

Dear Mr. Brundage:

Your application for financial assistance in exploring the subject property has been reviewed and referred to Mr. H. K. Stager, Field Officer, Region II, Office of Minerals Exploration, U. S. Geological Survey, 345 Middlefield Road, Menlo Park, California 94025.

We note that copies of your letters to the banks were not furnished as required. These should show the date of loan request, amount and terms requested, and the proposed use of loan funds.

A claim is identified as Lu Elda #1 on the application and the map tracing, and as Lu Ella N. 1 on the Quit Claim Deed signed by Glenn Fehely. Is this the same claim, and what is the proper spelling? Also, the Lease agreement identifies the Sherry Kay #2 claim, but your map tracing does not show it. Where is the claim located with respect to the Sherry Kay #4 claim?

Correct spelling is Lu Elda [illegible] 4/25/67

The Regional Office will notify you if additional information is needed.

Submittal of the requested information should not be construed as a commitment by the Government that a contract will be prepared.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
OME Region II
Mr. Kirkemo

HKirkemo/gla 4-25-67

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(2/63)

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Date	Surname	Code
4/25/67	Kirkemo	120
		110
		220
		120M

AIRMAIL

APR 25 1967

Memorandum

To: Field Officer, Region II

From: Chief, Office of Minerals Exploration

Subject: OME-6626 (Mercury, Platinum)
William J. Brundage
Sherry Kay No. 4, et al., Claims
Humboldt County, California

This application is referred to you for further consideration and a field examination if warranted.

In the event you make a field examination, you should note whether in your judgment the Applicant's limited mining experience qualifies him to supervise a project if there is a contract. Also, the Applicant indicates engineering and geological services for four days at $100.00 per day, but does not state whether a consultant would be retained or if the Applicant considers himself qualified to provide this service.

We did not ask the Applicant for information regarding location and width of the sample reported to contain platinum. In the event of a field examination, and if the workings are accessible again, you might want to resample the same mineralized structure for analysis to check the content of platinum.

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
Mr. Kirkemo
130

HKirkemo/gla 4-25-67

23263

April 19, 1967

Mr. William John Brundage
738 Fickle Hill Road
Arcata, California 95521

Subject: OME-6626

Dear Mr. Brundage:

Your application for exploration assistance, dated April 12, 1967, submitted to our office at Menlo Park, California, has been assigned Docket No. OME-6626.

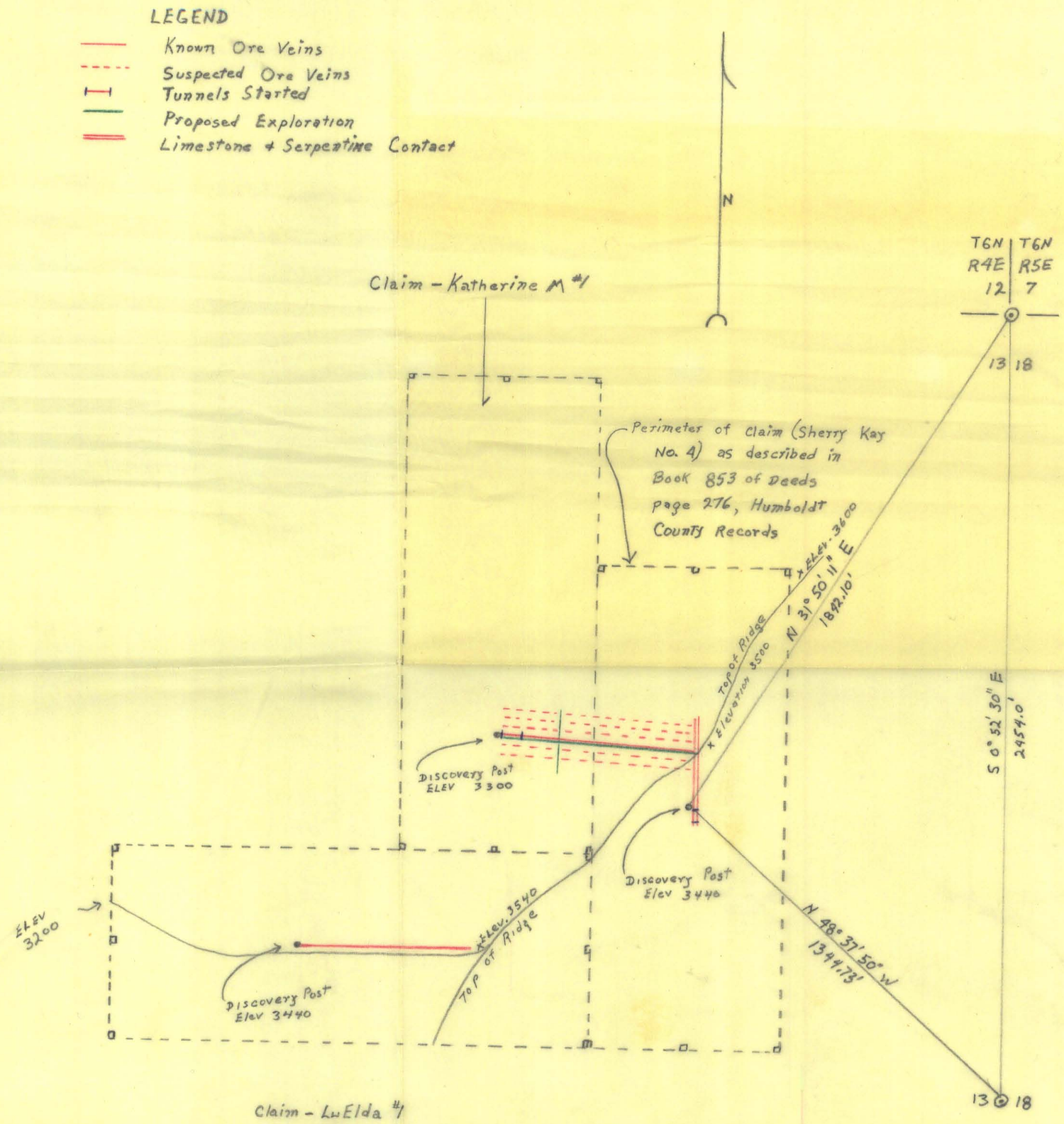
Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region II

Do not return



All Claims 600' x 1500'

Scale 1" = 300'

All Elevations Assumed

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
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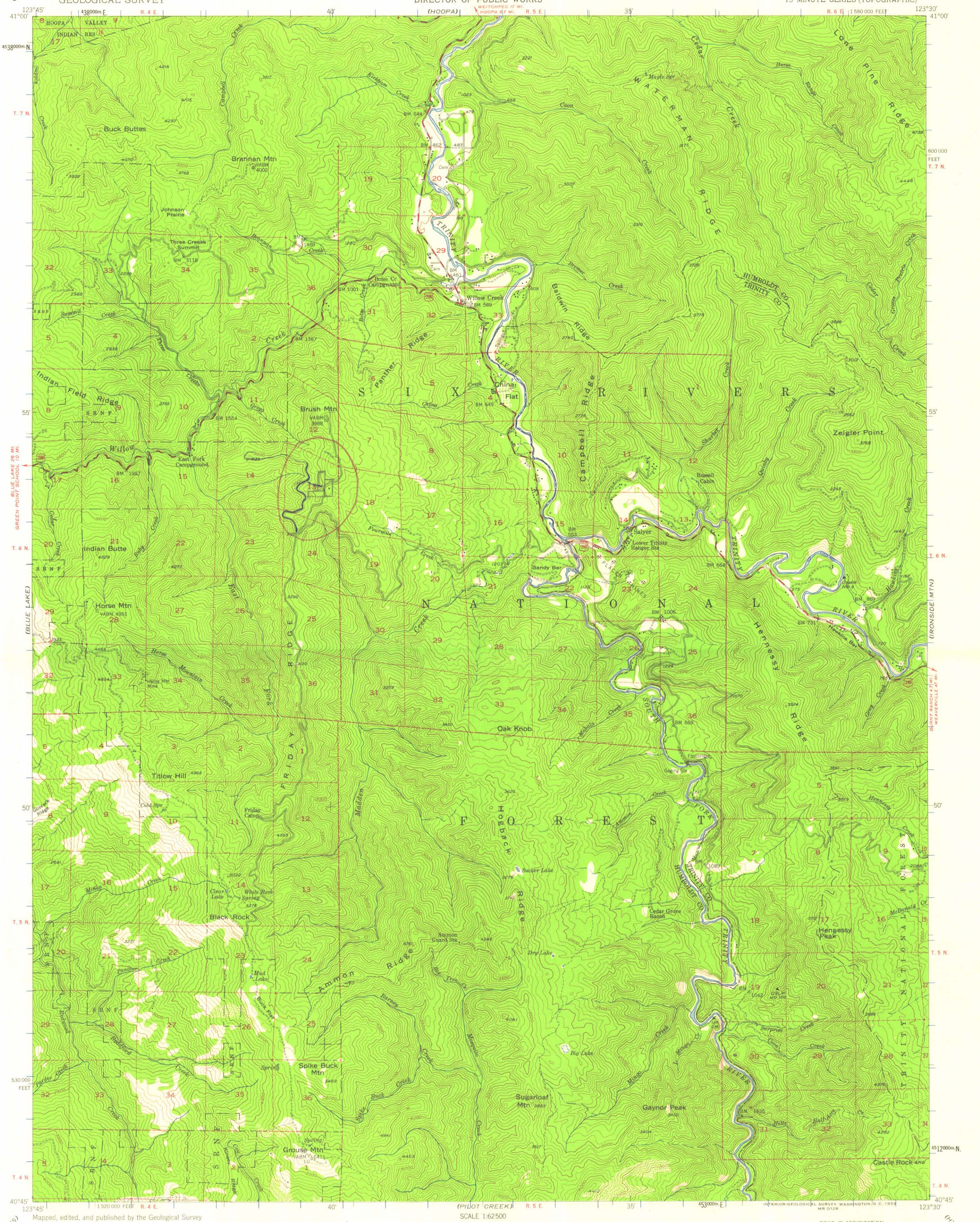
WILLOW CREEK QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)



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Aerial photographs taken 1947. Field check 1952

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 1

Dashed land lines indicate approximate locations
Certain land lines omitted because of insufficient data
All recovered corners are shown

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

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FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

WILLOW CREEK, CALIF.
N4045—W12330/15
1952

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