MME Form 9
Rev. Mar. 59

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

OFFICIAL DOCKET FILE

Contract No. 14-23-2170 Docket No. MME-6306

Application
- [ ] 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- [ ] Withdrawn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
- [x] Recision Notice 5/21/64
- [ ] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes 6-27-63
- [ ] 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)
- [x] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam. Report (Tab) 5/31/63
- [ ] 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

52615

Government's Copy

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

RESCISSION OF OME EXPLORATION CONTRACT

It is agreed this 21st day of May, 1964, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, and Original Sixteen to One Mines, Inc., parties to that certain Exploration Contract No. 2170 (OME-6306), dated June 27, 1963, that said contract is hereby rescinded, revoked, and cancelled as of the date thereof, without any obligations whatever one party to the other, the same as if the contract had never been entered into.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By George Turnich
Acting Director, Office of Minerals Exploration

Long
App'd. Sol. Off.
Triarsel
Talbot
Selfridge
Johnson

ORIGINAL SIXTEEN TO ONE MINE, INC.
Operator

By Walter A. Thison

Title President

Government's Contract

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

AMENDMENT NO. 2

It is agreed this 17th day of January, 1964, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government" and the Original Sixteen to One Mine, Inc., hereinafter referred to as the "Operator" that Exploration Contract No. 2170 (OME-6306), dated June 27, 1963, as amended, is further amended effective November 15, 1963, as follows:

1. (a) The work suspension period fixed in Amendment No. 1 is extended to May 15, 1964.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government.

(c) The Government shall not contribute to any costs of rehabilitation or repair which in its opinion would not have occurred if there had been no suspension of the work.

(d) The Operator, at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

2. The time fixed by Article 1 of the contract for completion of the work is extended from 12 months to 24 months from the date of the contract.

3. The maximum period for royalty payments and for the lien to secure payment thereof provided for in the contract is extended from ten (10) years to eleven (11) years from the date of the contract.

4. It is the essence of this amendment that the work be resumed before the termination of the period herein fixed for suspension, and be completed before the termination of the period fixed for completion; and if not so resumed and completed in the manner required by the contract, the following provisions shall thereupon become effective:

(a) The contract and all obligations of the parties thereunder, except as hereinafter otherwise provided, shall be and are hereby terminated as follows:

(i) Effective September 15, 1963, if the work has not been resumed on or before May 15, 1964.

(ii) Effective June 27, 1965, if the work has been started but not completed on or before that date.

(b) The Government will contribute only to allowable costs incurred prior to the relevant date set forth in 2(a) above.

(c) The Operator shall promptly perform all winding-up and settlement actions provided for in the contract, including the rendering of the final report and final account.

(d) The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to retain its interest in the land), shall pay to the Government the royalty provided for in the contract in the same manner and amount, for the same period, and subject to the same provisions as provided for in the contract as amended herein as if a certification of possible production had been made, such certification being hereby waived by the Operator. In addition, all rights of the Government provided for in the contract with respect to a certification of possible production, percentage royalty and liens to secure payment thereof, reports (including preservation of Operator's records), accounts, audits, and the right to recover any overpayments are hereby preserved.

(e) The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of the contract, except as provided for in this Amendment No. 2.

This amendment shall not be construed to increase the estimated total cost of the contract, the aggregate amount which the Government may be required to contribute, nor the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By George Turnick
Acting Director, Office of
Minerals Exploration

Long
App'C. Sol. Off.
Murphy
Talbot
Selfridge
Johnson

ORIGINAL SIXTEEN TO ONE MINE, INC.

By Walter A. Stinson

Title President

Government's Copy

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

AMENDMENT NO. 1

It is agreed this 31 day of October, 1963, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government" and the Original Sixteen to One Mine, Inc., hereinafter referred to as the "Operator" that Exploration Contract No. 2170 (OME-6306), dated June 27, 1963, is amended effective September 15, 1963, as follows:

1. (a) Work under the contract shall be suspended during the period beginning September 15, 1963, and ending not later than November 15, 1963.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government.

(c) The Government shall not contribute to any costs of rehabilitation or repair which in its opinion would not have occurred if there had been no suspension of the work.

(d) The Operator, at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate amount which the Government may be required to contribute, nor the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Paul V. Fillo
Acting Field Officer, Region II,
Office of Minerals Exploration

ORIGINAL SIXTEEN TO ONE MINE, INC.

By Walter A. Stinson

Title President

Murphy
Long
App'd. Sol. Off.
Talbutt
Selfridge
Johnson
Frank

MME Form 51
Feb. 1959

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Government's Copy

EXPLORATION CONTRACT
(Short Form)

Docket No.	Commodity	Contract No.	County	State
OME -6306	Gold	14-23-090- 2170	Sierra	California

It is agreed JUN 27 1963 (Date), between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government," and

Original Sixteen to One Mine, Inc., a California corporation

whose mailing address is 1258 Russ Building, San Francisco 4, California, hereinafter called the "Operator," as follows:

ARTICLE I. Authority and scope.--(a) This contract, entered into under the authority of Public Law 701, 85th Cong., 2d sess. (72 Stat. 700; 30 U.S.C. § 641 - 646), consists of this form, the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed. The work is a search for new or unexplored deposits of the commodity designated above. The Operator shall begin the work on or before August 1, 1963 (Date), and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 12 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the work is $46,600.00 The Government will contribute 50 percent of the total fixed unit costs of the work performed, not in excess of $23,300.00 in accordance with the provisions of Articles 4 and 5.

(c) Interest computation.--Simple interest computed annually at the rate of 6 percent shall accrue from the dates Federal funds are made available until the period specified for payment of royalty expires, or until the amount of Federal funds contributed is fully repaid with interest.

(d) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. Operator's rights in land.--(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's right of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances:

None

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Lien Agreement of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached as follows:

None

(c) The Operator shall preserve and maintain his right, title, or interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a royalty on production and liens for the payment thereof. Two true copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. Performance of the work.--(a) Operator's responsibility.--The work shall be performed diligently, efficiently, in a workmanlike manner in accordance with good mining standards, and in compliance with State laws governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work as specified in Article 1(a).

(b) Government may inspect.--The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract and production operations during the period that royalty is payable to the Government. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. Contribution by the Government.--The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5(b), but all payments by the Government are provisional only, subject to audit. Until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been received, the Government may withhold such sums as are necessary to protect its interests. To the extent that amounts in excess of fixed unit costs or in excess of the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such amounts for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. Reports, accounts, audits.--(a) Operator's records.--The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) Monthly reports.--The Operator shall provide the Government with five copies of monthly reports in three sections as follows:

(1) Operator's Monthly Voucher claiming costs for work performed;

(2) Operator's Progress Report showing the number of units of the various types of work performed; and

(3) a narrative report of the work performed during the reporting period, including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground.

(Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) Final report.--Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) Report of sales.--The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's royalty relates, such as copies of smelter or concentrator settlement sheets and certified accounts of production and sale or other disposition of production.

(e) Compliance with requirements.--If the Government determines that any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the preparation or completion of same with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. Repayment by Operator.--(a) Certification.--If the Government considers that mineral or metal production from the land covered by the contract may be possible as a result of the exploration work, it shall so certify in writing to the Operator at any time not later than six months after a sufficient final report and final accounting (see Article 5) have been furnished.

(b) Royalty on production.--The Operator, whether or not the producer (for example, if the Operator either transfers or does not retain his interest in the land), shall pay to the Government a royalty on all minerals and metals mined or produced from the land as follows:

(1) irrespective of any certification of possible production--from the date of the contract until the lapse of the time within which the Government may issue such certification or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first; or

(2) if the Government issues a certification of possible production--for a period of ten years from the date of the contract or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first.

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the ~~[illegible]~~ gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrate, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business and shown as deductions on the buyer's settlement sheets (such as treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight payable by the buyer to a carrier (not the Operator)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator are deductible in arriving at the "gross proceeds" as that term is here used.

The term "treatment processes" means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(2) The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be.

(d) Unsold production.--If any production (ore, concentrate, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrate, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) Lien for payment.--To secure the payment of royalty (see Article 6(b)), the Operator hereby grants to the Government a lien upon his interest in the land and upon any production of minerals and metals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(f) Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Government, and this estimate shall be final and binding upon the Operator.

(g) No obligation to produce.--Nothing in this contract shall be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(h) Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals and metals mined or produced from the land.

ARTICLE 7. Termination of the Government's Obligations.--(a) If the Government determines that operations at any time have failed to achieve anticipated results and further work is not justified, the Government may give the Operator written notice thereof, and thereupon:

(1) the Government shall be free of all obligation to pay on account of units of work not then performed; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

(b) If the Government determines that the Operator is in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon:

(1) the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to royalty and liens to secure the payment thereof, and such rights shall be fully preserved.

(d) The determinations of the Government are subject to appeal under Article 11.

ARTICLE 8. Notices to be given by the Government may be delivered to the Operator or may be sent by certified mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. Officials not to benefit.--No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

See Article 14

~~ARTICLE 10. Nondiscrimination.--In connection with the performance of work under this contract, the Operator agrees not to discriminate against any employee or applicant for employment because of race, religion, color, or national origin. The aforesaid provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Operator agrees to post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the Government setting forth the provisions of the nondiscrimination clause.~~

~~The Operator further agrees to insert the foregoing provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.~~

ARTICLE 11. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, Office of Minerals Exploration, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, Office of Minerals Exploration, shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Operator mails or otherwise furnishes to the Director, Office of Minerals Exploration, a written appeal addressed to the Secretary. The decision of the Secretary or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence.

The term "Director, Office of Minerals Exploration," as used herein includes his duly authorized representative.

ARTICLE 12. Eight-Hour Law of 1912--Overtime compensation.--This contract, to the extent that it is of a character specified in the Eight-Hour Law of 1912, as amended (40 U. S. Code 324—326) and is not covered by the Walsh-Healey Public Contracts Act (41 U. S. Code 35—45), is subject to the following provisions and exceptions of said Eight-Hour Law of 1912, as amended, and to all other provisions and exceptions of said Law:

No laborer or mechanic doing any part of the work contemplated by this contract, in the employ of the Operator or any independent contractor contracting for any part of said work contemplated, shall be required or permitted to work more than eight hours in any one calendar day upon such work, except upon the condition that compensation is paid to such laborer or mechanic in accordance with the provisions of this clause. The wages of every laborer and mechanic employed by the Operator or any independent contractor engaged in the performance of this contract shall be computed on a basic day rate of eight hours per day; and work in excess of eight hours per day is permitted only upon the condition that every such laborer and mechanic shall be compensated for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay. For each violation of the requirements of this clause a penalty of five dollars shall be imposed for each laborer or mechanic for every calendar day in which such employee is required or permitted to labor more than eight hours upon said work without receiving compensation computed in accordance with this clause, and all penalties thus imposed shall be withheld for the use and benefit of the Government.

ARTICLE 13. Copeland (Anti-Kickback) Act--Nonrebate of wages.--The regulations of the Secretary of Labor applicable to contractors and subcontractors (29 CFR, Part 3), made pursuant to the Copeland Act, as amended (40 U. S. C. 276c) and to aid in the enforcement of the Anti-Kickback Act (18 U. S. C. 874) are made a part of this contract by reference. The Operator will comply with these regulations and any amendments or modifications thereof and will be responsible for the submission of affidavits required of independent contractors thereunder. The foregoing shall apply except as the Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions.

ARTICLE 14. Changes and added provisions.--

1. Article 10 is revised to read as follows:

Article 10. "Nondiscrimination. The provisions governing performance of work under Government contracts, as set out in Section 301 of the Executive Order 10925, dated March 6, 1961 (a copy of which is attached hereto as Exhibit B and by reference hereby incorporated and made a part of this contract), shall be applicable to this contract.

"In compliance with the Rules and Regulations (41 CFR, Section 60-1.3(a) issued under Executive Order 10925 of March 6, 1961, the Operator is hereby bound and agrees to include in each subcontract which it shall make with a subcontractor or supplier paragraphs (1) through (7) of Section 301 of said Executive Order, unless exempted pursuant to the rules, regulations, and relevant orders of the President's Committee on Equal Employment Opportunity.

"The Operator shall require each of its subcontractors (first tier) to include in every subcontract with each of its subcontractors (second tier) the following clause: The (here identify the second-tier subcontractor by name) shall incorporate by reference in each subcontract or purchase order with a subcontractor or supplier paragraphs (1) through (6) of Section 301 of Executive Order 10925 of March 6, 1961, unless exempted pursuant to the rules, regulations, and relevant orders of the President's Committee on Equal Employment Opportunity."

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Original Sixteen to One Mine, Inc.

(Operator)

By George Turnick Jr

By Walter A. Stinson

Walter A. Stinson

Title President

Long

App'd. Sol. Off.

Murphy

Talbert

Johnson

X I, George F. Jansen, certify that I
(Name)

am the _____ secretary of the

corporation named as Operator herein; that Walter A. Stinson,
(Name)

who signed this contract on behalf of the Operator was then

President of said corporation; that said

contract was duly signed for and in behalf of said corporation by

authority of its governing body, and is within the scope of its corporate

powers.

George F. Jansen

George F. Jansen
[CORPORATE SEAL]

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

ANNEX I

The land referred to in Article 2 of the contract consists of eighteen (18) unpatented placer and lode mining claims, including all rights pertaining thereto, in secs. 15, 21, 22, 23, 26, 27, and 28, T. 19 N., R. 10 E., M.D.B.&M., Alleghany district, Sierra County, California. The claims are recorded in the records of the Sierra County Official Records, in Downieville, California, as follows:

Placer Claims	Book	Page
Bald Mountain	C (B & W)	499
Bald Mountain No. 2	Q (Placer)	410
Oregon Creek Tailings	B (B & W)	167
Parkman	C (B & W)	462
South Fork	D (B & W)	271-2
Lode Claims		
Amethyst	G (Quartz) G (Quartz)	201-2 224-6
Amethyst Extension	L (Quartz)	321
Blue Jay	U (Quartz)	42
Bullion	L (Quartz)	529
Butterfly	L (Quartz)	504
Honey Bee	L (Quartz)	528
Lady Bug	L (Quartz)	529
Mabel	L (Quartz)	321
Margaret	L (Quartz)	314

May Flower	K (Quartz)	453
North Star	J (Quartz)	310
Phoebe	L (Quartz)	315
Verde	L (Quartz)	355

The outer boundaries of the above-listed claims are shown outlined in green on map Figure 2, entitled, "Central Portion Alleghany Mining District, Sierra County, California."

The Operator is the owner of the claims.

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

EXHIBIT A

The purpose of this project is to explore by means of drifting and crosscutting for gold-bearing ore bodies in the Copeland vein system which traverses the Tightner formation near its contact with various serpentinized "dikes". These rock formations are considered to be of post-Carboniferous age.

General Provisions

Sample significantly mineralized areas traversed in the drifts by making a composite sample of the material loaded in the cars from each round broken. If the material is being milled a head sample may be substituted for car sampling.

Each sample shall be split as necessary and then assayed for gold. The Operator shall store one split in a suitable container properly identified as to location. The stored samples shall be made available for Government inspection and possible use. With prior Government approval, the Operator may dispose of the stored samples.

True copies of assay certificates shall be submitted with the Operator's monthly progress report which shall also include a map or sketch showing the work completed during the reporting period, general geology of the rock formations traversed, and the location and values of the samples. In addition the Operator shall report the weight and assay value of any free gold recovered and the approximate location where it was found.

The Operator shall provide such supervisory and technical services as may be required to complete the work in a satisfactory manner.

The location, direction, and extent of each work item shall be subject to prior Government approval.

Description of the Work

The work shall consist of rehabilitating and repairing the Bald Mountain adit and the 16-1 crosscut which extends east from the tunnel at a point about 800 feet in from the portal. This work comprises cleaning up fallen rock, clearing ditches, laying air and water pipe, hanging ventilation tubing, installing track, repairing timber, etc.

From the present face of the 16-1 crosscut continue in an easterly direction for approximately 400 feet or until it traverses the Copeland vein system. With prior Government approval, drifts then shall be driven from the crosscut northerly and southerly along the Copeland vein on the most favorable structure for a combined total of approximately 800 feet.

The drifts and crosscut shall be not less than 5' x 7' in cross section in the clear of timber and shall be timbered as necessary using standard drift sets of not less than 8" x 8" timber, or equivalent round timber.

The working area shall be ventilated using pipe or tubing not less than 12 inches in diameter. The mine rails shall be not less than 12-lb., air lines not less than 2-inch, and water lines not less than 1-inch in diameter.

The approximate location and extent of the crosscut and drifts to be driven under this contract are shown in red on Figure 3, entitled, "Map Showing Proposed Work in Bald Mountain Area . . . .," attached hereto and made a part hereof.

The Government will contribute to no more than a unit cost of $1000.00 for the rehabilitation of the Bald Mountain adit and 16-1 crosscut, 1200 feet of crosscutting and drifting, 600 feet of timbering in the crosscut to the Copeland vein structure and the drifts along the structure, and 200 sample assays.

Estimated Cost of Project

Fixed Unit Costs

Rehabilitation of adit and crosscut 1/	$ 1,000.00
1200 feet crosscutting and drifting @ $34.00 per foot	40,800.00
600 feet timbering in crosscut and drifts @ $7.50 per foot	4,500.00
200 assays for gold @ $1.50 per sample	300.00
Total Estimated Cost of Project	$46,600.00
Government Participation @ 50%	$23,300.00

1/ The completed job is the unit of work.

EXHIBIT B

NONDISCRIMINATION IN EMPLOYMENT

(Section 301, Executive Order 10925, March 6, 1961, 26 FR 1977)

"In connection with the performance of work under this contract, the contractor agrees as follows:

"(1) The contractor will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

"(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

"(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

"(4) The contractor will comply with all provisions of Executive Order No. 10925 of March 6, 1961, and of the rules, regulations, and relevant orders of the President's Committee on Equal Employment Opportunity created thereby.

"(5) The contractor will furnish all information and reports required by Executive Order No. 10925 of March 6, 1961, and by the rules, regulations, and orders of the said Committee, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Committee for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

"(6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled in whole or in part and the contractor may be declared ineligible for further government contracts in accordance with procedures authorized in Executive Order No. 10925 of March 6, 1961, and such other sanctions may be imposed and remedies invoked as provided in the said Executive order or by rule, regulation, or order of the President's Committee on Equal Employment Opportunity, or as otherwise provided by law.

"(7) The contractor will include the provisions of the foregoing paragraphs (1) through (6) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the President's Committee on Equal Employment Opportunity issued pursuant to section 303 of Executive Order No. 10925 of March 6, 1961, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: *Provided, however,* That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States."

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco 11, California

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAY 17 1963

DATE		

May 16, 1963

AIRMAIL

Memorandum

To: Chief, Division of Field Operations, ~~OME,~~ Washington, ~~D. C.~~

From: Acting Field Officer, OME, Region II

Subject: New Application for Gold
Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California

Enclosed herewith is an application for financial assistance submitted by George F. Jansen in the amount of $50,884.00.

The property is known as the Bald Mountain mine and located at Forest, California. From 1870 through 1880's, the mine had a significant gold production record.

The applicant proposes to crosscut approximately 400 feet to the projected location of the Copeland vein and then drift in northerly and southerly direction along the structure.

A total of 1,200 feet of crosscutting and drifting is requested for the program. A field examination is justified and is herewith recommended.

We have retained one of the copies of the application for our files.

Paul V. Fillo

Paul V. Fillo

Enclosures

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

MME Form 40
July 1962

MAY 17 1963
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

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

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.)*

Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6306

DATE RECEIVED: 5-17-63

REGION: II

DIVISION CODE: 500

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL	
CORPORATION	X
PARTNERSHIP	
OTHER *(Specify)*	

STATE IN WHICH FIRM IS ORGANIZED: California

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Walter A. Stinson	P. O. Box 25, Shingle Springs, California	President
C. A. Bennett	224 High St., Nevada City, California	Vice President
George F. Jansen	1258 Russ Building, San Francisco 4, Calif.	Secretary
Paul M. P. Merner	795 El Camino Real Palo Alto, California	Assistant Sec.-Treas.

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

ESTIMATED COST OF PROJECT: $ 50,884.00

PROPERTY NAME	LOCATION COUNTY	STATE
Original Sixteen to One Mine, Inc.	Sierra County,	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.*

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.

May 15, 1963
DATED

ORIGINAL SIXTEEN TO ONE MINE, INC.
BY *(Signature)* George F. Jansen
George F. Jansen, Secretary
TITLE

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

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

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

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

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

2. Applicant's Rights in Land:

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

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

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

3. Physical Description:

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

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

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

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

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

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

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

4. Accessibility of Property:

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

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

5. Exploration Work:

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

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

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

6. Experience:

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

7. Estimate of Costs:

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

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

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

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

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

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

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

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

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

Copy No. 1

A P P L I C A T I O N

For

U. S. OFFICE OF MINERAL EXPLORATION

LOAN

For

BALD MOUNTAIN EXPLORATION PROJECT

Alleghany Mining District

Sierra County, California

MAY 17 1963
O.M.E.

Submitted By

Original Sixteen To One Mine, Inc.,

1258 Russ Building,
San Francisco, California

Mine Office at
Alleghany, California

May 1963

Item 1 - Financial Eligibility

(a) See attached correspondence regarding requests for loans.

(b) There are no affiliated, parent, or controlling companies or organizations. The Original Sixteen To One Mine, Inc. is an independent mining company with approximately 200 stockholders. The company has a 63.83% interest in the Tightner Mines Company; the latter owns the Red Star Placer and certain other claims in the Alleghany district, as shown under Item 2.

(c) Applicant proposes to furnish its share of the cost of the proposed exploration work from company funds currently on hand.

Item 1 (a)

Original Sixteen to One Mine, Inc.
Alleghany, California
BALD MOUNTAIN PROJECT

ORIGINAL SIXTEEN TO ONE MINE, INC.

PROPERTIES LOCATED AT
ALLEGHANY, SIERRA COUNTY
CALIFORNIA

1[illegible] RUSS BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4332

SAN FRANCISCO

April 25, 1963

Wells Fargo Bank
Loan Department
464 California Street
San Francisco 20, California

Gentlemen:

The Original Sixteen to One Mine, Inc. hereby makes application for an unsecured loan in the amount of $30,000 for a period of one year. This application is made pursuant to a resolution of the Board of Directors of the Corporation passed at its regular meeting on April 23, 1963.

The Original Sixteen to One Mine, Inc. owns and operates a gold mine located at Alleghany, Sierra County, California. The Company is desirous of doing additional exploration work at the mine, and the purpose of this application is to obtain funds for such exploration work. Enclosed are the most recent financial papers of the corporation. If you require any further information in order to act upon this application, please let me know.

Very truly yours,

GEORGE F. JANSEN

GEORGE F. JANSEN
Secretary

GFJ/cs
(Enc.)

Original Sixteen to One Mine, Inc.
Alleghany, California
BALD MOUNTAIN PROJECT

Item 1 (a)

WELLS FARGO BANK

SAN FRANCISCO 20, CALIFORNIA

SAMUEL P. STEVENS
Vice President

May 10, 1963

Mr. George F. Jansen, Secretary
Original Sixteen To One Mine, Inc.
1258 Russ Building
San Francisco 4, California

Dear George:

I have your letter of April 25, 1963 requesting a loan of $30,000 to assist in financing an additional exploration at the mine site.

Our understanding is that the company will expend approximately $60,000 for this purpose and that, as a consequence, a substantial portion of the Cash and Bonds shown on the December 31, 1962 statement will be utilized for this purpose and for other operating expenses, with the result that the bonds will not be available to secure the requested loan.

In the absence of security for a loan to finance an additional prospect, we regret to advise that we will be unable to make the requested credit available.

Cordially,

MAY 13 1963

FORMERLY WELLS FARGO BANK AMERICAN TRUST COMPANY

Item 1 (a)

Original Sixteen to One Mine, Inc.
Alleghany, California
BA[illegible] MOUNTAINPROJECT

ORIGINAL SIXTEEN TO ONE MINE, INC.

PROPERTIES LOCATED AT
ALLEGHANY, SIERRA COUNTY
CALIFORNIA

1258 [illegible] RUSO BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4992

SAN FRANCISCO

April 25, 1963

Crocker-Anglo National Bank
1 Montgomery Street
San Francisco 20, California

Attention: Loan Department

Gentlemen:

The Original Sixteen to One Mine, Inc. hereby makes application for an unsecured loan in the amount of $30,000 for a period of one year. This application is made pursuant to a resolution of the Board of Directors of the Corporation passed at its regular meeting on April 23, 1963.

The Original Sixteen to One Mine, Inc. owns and operates a gold mine located at Alleghany, Sierra County, California. The Company is desirous of doing additional exploration work at the mine, and the purpose of this application is to obtain funds for such exploration work. Enclosed are the most recent financial papers of the Corporation. If you require any further information in order to act upon this application, please let me know.

Very truly yours,

GEORGE F. JANSEN

GEORGE F. JANSEN
Secretary

GFJ/cs
(Enc.)

Item 1 (a)

Original Sixteen to One Mine, Inc
Alleghany, California
BALD MOUNTAIN PROJECT

CROCKER-ANGLO NATIONAL BANK
CHARTERED 1870
1 MONTGOMERY STREET OFFICE · SAN FRANCISCO 20

May 10, 1963

Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California.

Attention: Mr. George F. Jansen
Secretary.

Gentlemen:

Thank you for your letter of April 25, 1963 whereby you made application to this bank for an unsecured loan in the amount of $30,000. for a period of one year.

We have reviewed your financial statement for the year ended 12/31/62 and regret that we cannot make the loan requested, on an unsecured basis.

We appreciate the opportunity to consider the loan, and we hope that we might be able to assist you in the future.

Yours very truly,

William F. Roberts

William F. Roberts
Assistant Cashier

WFR:mb

MAY 13 1963

Item 2 - Applicant's Rights in Land

(a) Applicant owns all mineral locations that are the subject of this application. There are no liens, mortgages, or other encumbrances on this property. Applicant acquired the property by purchase from prior owners.

(b) The accompanying table lists the subject claims, and all adjoining claims owned by the applicant but not subject to this application. The claims included in this application (all unpatented locations) are outlined in red in Map No. 1. Adjacent unpatented claims, owned, but not included in this application, are shown in green. Patented claims, owned but not included in this application, are delineated in blue.

The claims included in this application lie in portions of Sections 21, 22, 23, 26, 27, and 28, of Township 19 North, Range 10 East, M.D.B. & M., in Sierra County, California, in the Alleghany or Forest City District. The mines included are known as the Bald Mountain Mine and the South Fork Mine. The survey plats for the Bald Mountain group and the South Fork Placer claim are included as Maps Nos. 2 and 3 in this application. The remaining claims are unsurveyed.

The date of location, and where applicable of relocation or amending, of subject claims, together with the book and page references in the Sierra County Official Records at Downieville, California, are shown in the table. Similar data for those claims, owned by applicant, but not included in this application, are also listed, as requested in the instructions.

Item 2 (b) -- (Continued)

Locations owned by Original Sixteen To One Mine, Inc., included in this application. These are situated in T. 19 N., R. 10 E., M.D.M., unless otherwise noted below, and recorded in Sierra County Official Records, in Downieville, California.

Name of Claim	Section	Date of Location	Book & Page Nos.
Bald Mountain Placer	15,21,22,27,28	Dec. 4, 1878	C (B & W) 499
Bald Mountain No. 2 Placer	27,28	Sept. 1, 1939	Q (Placer) 410
Oregon Creek Tailings Placer	28,29	Sept. 16, 1872	B (B & W) 167
Parkman Placer	15,21,22	Aug. 26, 1878	C (B & W) 462
South Fork Placer	22,23,26,27,28	Jan. 8, 1870	D (B & W) 271-2
Amethyst Quartz	27,28	July 21, 1897 & Sept. 19, 1897	G (Quartz) 201-2 G (Quartz) 224-6
Amethyst Extension Qtz.	27,28	~~Mar. 19, 1912~~ Am'd. June 21, 1913	~~L (Quartz) 133~~ L (Quartz) 321
Blue Jay Quartz	28	Sept. 8, 1941	U (Quartz) 42
Bullion Quartz	27	Aug. 25, 1914	L (Quartz) 529
Butterfly Quartz	27	June 14, 1914	L (Quartz) 504
Honey Bee Quartz	27	~~June 15, 1914~~ Rel. Aug. 25, 1914	~~L (Quartz) 503~~ L (Quartz) 528
Lady Bug Quartz	27	~~June 18, 1914~~ Rel. Aug. 25, 1914	~~L (Quartz) 504~~ L (Quartz) 529
Mabel Quartz	27	~~Mar. 18, 1912~~ Am'd. June 21, 1913	~~L (Quartz) 133~~ L (Quartz) 321
Margaret Quartz	27	~~Apr. 3, 1912~~ Rel. June 14, 1913	~~L (Quartz) 139~~ L (Quartz) 314
May Flower Quartz	27,28	Jan. 1, 1910	K (Quartz) 453
North Star Quartz	27,28	June 23, 1908	J (Quartz) 310
Phoebe Quartz	27	~~Mar. 22, 1912~~ Rel. June 14, 1913	~~L (Quartz) 137~~ L (Quartz) 315
Verde Quartz	27	Aug. 9, 1913	L (Quartz) 355

Item 2 (b) -- (Continued)

Locations owned by Original Sixteen To One Mine, Inc., but not included in this application.

Name of Claim	Section	Date of Location	Book & Page Nos.
Antique Placer	27,34	July 1, 1929 Am'd. Dec. 21, 1934	M (Placer) 552 O (Placer) 419
Antique Fraction Placer	27	July 2, 1930 Am'd. Dec. 21, 1934	N (Placer) 110 O (Placer) 420
Buckeye Placer	34	Mar. 5, 1859	A (B & W) 225
Oversight Placer	34	Aug. 4, 1930 Am'd. Dec. 21, 1934	N (Placer) 117 O (Placer) 418
Red Star Extension Placer	34	July 16, 1930	N (Placer) 102
Alene Extension Quartz	34	July 1, 1940	T (Quartz) 376
Antique Lode	27,34	Oct. 8, 1930	R (Quartz) 323
Bal Quartz	27	July 20, 1940	T (Quartz) 373
Bartlett Extension Quartz	27,34	July 1, 1940	T (Quartz) 375
Aurora Quartz	3 (T18N)	July 1, 1949	W (Quartz) 380
Cumberland Quartz	34	July 1, 1940	T (Quartz) 375
East Bartlett Quartz	27,34	July 1, 1940	T (Quartz) 374
Ilocano Quartz	27	Sept. 14, 1940	T (Quartz) 417
La Jard Lode	34	Dec. 20, 1934	R (Quartz) 321
Oversight Lode	33,34	Oct. 8, 1930 Am'd. Dec. 21, 1934	R (Quartz) 324
Oversight No. 1 Lode	27	Jan. 26, 1931 Am'd. Dec. 21, 1934	R (Quartz) 324
Tagalog Quartz	34,35	Sept. 14, 1940	T (Quartz) 417
Tightner No. 1 Quartz	34	May 27, 1933	Q (Quartz) 461
Tightner No. 2 Quartz	34	May 27, 1933	Q (Quartz) 462
Tightner No. 3 Quartz	34	May 28, 1933	Q (Quartz) 465
Tightner No. 4 Quartz	34	May 27, 1933	Q (Quartz) 462
Tightner No. 5 Quartz	34	May 28, 1933	Q (Quartz) 466
Tightner No. 6 Quartz	34	May 28, 1933	Q (Quartz) 466

Item 2 (b) -- (Continued)

Patented claims owned by the Original Sixteen To One Mine, Inc., but not included in this application.

Name of Claim	Section	Mineral Survey No.
Alene	34	5786
Bartlett	34	5786
Belmont	34	5128
Belmont	3 (T18N)	5666
Contract	34	4717
Contract Extension	34	4717
Denver	3 (T18N)	5666
Eagle	34	5104
Eclipse	34	2980
Eclipse Extension	34	5787
Farnham	3 (T18N)	1191
Groves	3 (T18N)	1288
Hanley	2,3 (T18N)	1856
Happy Jack	34,3 (T18N)	5785
Happy Jack Extension	34	5785
Noble	3 (T18N)	5666
Number Three	34,3 (T18N)	5785
Ophir	34	4640
Rainbow Extension	3	5769
Rainbow Fraction	3	5769
Sixteen To One	34	5785
Twenty One	34,3 (T18N)	5128
Valentine	34	5128

Item 2 (b) -- (Continued)

Original Sixteen To One Mine, Inc. also has an interest in the following claims, through its 63.83% interest in Tightner Mines Company, owner of the claims.

Name of Claim	Section	Date of Location	Book & Page Nos.
Red Star Placer	27,34	Patented	
Red Star No. 1 Quartz	27,34	May 30, 1933	Q (Quartz) 464
Red Star No. 2 Quartz	34	May 28, 1933	Q (Quartz) 465
Lava No. 1 Quartz	27	July 18, 1930	Q (Quartz) 47
Lava No. 2 Quartz	27	July 18, 1930	Q (Quartz) 47
Lava No. 3 Quartz	27	July 18, 1930	Q (Quartz) 48

(c) Not applicable.

Item 3 - Physical Description

(a),(b),(c) The area included in the Bald Mountain project is the center of the once well-known Sierra County drift mining region, on the fabulous "Great Blue Lead". This Tertiary gravel channel was one of the richest, most consistent, and most profitably mined in all the Sierran Gold Belt. Drift mines were actively operated here from the middle 1850's to the '80's. Map No. 4 illustrates the extent of the breasted ground, the very extensive bedrock tunnels, and the relatively small amount of pre-Tertiary "bedrock" outcrop. The Great Blue Lead was not only rich in terms of gold per ton mined, but was characterized by coarse gold, often still contained in quartz. This indicates that much of this gold was eroded from veins in and close to the early Tertiary streams. The productive high-grade lode mines of the Alleghany district are undeniable evidence of this fact. Some of the high-grade veins, such as the Oriental, Plumbago, Brush Creek, and Kenton, were discovered by outcropping ore shoots, in the portions of the district stripped of the Tertiary cover. The Sixteen To One (Tightner), and the Rainbow, however, owe their existence to discoveries made in the gravel miners' bedrock tunnels, driven to exploit the Blue Lead. These two mines, that have produced a combined total lode production of over $25,000,000, might never have been opened up otherwise, as the enriched portions of the veins were covered by Tertiary rocks.

The Bald Mountain Mine, probably the best known of the drifts, was operated in the '70's and '80's, producing $3,100,000 and paying out $1,300,000 in dividends. One of the interesting

Item 3 (a),(b),(c) -- (Continued)

details in this mine was the outcropping vein encountered crossing the channel, noted on the original mining maps still in existence, and referred to in Mark Alling's "Ancient Auriferous Gravel Channels of Sierra County, Calif." (T.A.I.M.E. Vol. 49, pp. 245-7). On the basis of this information, W. F. Copeland, who with Alling had driven the long east crosscut to explore the intervolcanic deep channel, assumed that the vein cut in the crosscut was the same as the one in the main Bald Mountain channel. In 1918-19, financed by H. P. Whitney, Copeland drifted north on this vein for 700 feet. His work was inconclusive, partly because he was so close to the Tertiary surface that as he drove north he broke into the bottom of the main channel. The vein was also obscured by deep Tertiary weathering and by faulting. Copeland started a small winze near the beginning of his work, but insufficient work was accomplished to test this vein adequately. Foote and Anderson, about 1930, reopened Copeland's workings and reactivated the winze. But the work was largely of a sampling nature, and, as nothing showed up immediately, it was soon stopped.

In the early '30's, Scott ran a "gopherhole" type of drift, on the Tertiary contact, along the east rim of the channel, finding some coarse gold, but was not deep enough or in the right location to find vein in place. There were a number of small leasing operations after the original Bald Mountain Company ceased operations up to 1940, but these were primarily prospecting for gravel that might have been missed or for exploring the intervolcanic channels that cut the Great Blue Lead.

Item 3 (a),(b),(c) -- (Continued)

The South Fork mine as such was not a large producer, although a tremendous footage of bedrock tunnel was run, looking for gold-bearing gravel. Most of the production credited to the South Fork was produced by a lessee, the Bald Mountain Extension Co., in the '80's. In the South Fork tunnels, however, several quartz veins were cut, and one was developed in a small way by the United Eastern Mining Co., producing a small amount of high-grade. In the Amethyst claim, Thos. Lane earlier had developed a northwesterly striking branch of the United Eastern vein. A little prospecting was done by the North Star, attempting to develop this same branch a little farther north. These operations are indicated on Map No. 5.

Development and mining operations on the veins in the Red Star mine indicate that the Forest veins are in all probability the northerly extension of the Gold-Canyon-Irelan-Rainbow-Sixteen To One-Tightner and the Plumbago-El Dorado-Osceola vein systems.

The Original Sixteen To One Mine acquired the Bald Mountain and the South Fork properties in the early '40's, looking ahead for new ground to explore and develop when the main Sixteen To One mine should be depleted. Assessment work only has been carried out to date, driving the crosscut from which it is planned to commence the Bald Mountain Project. There is a large building at the Bald Mountain tunnel portal containing compressing plant and shop facilities. The Original Sixteen To One has a modern and complete surface plant at Alleghany.

(d) There are no ore reserves known, either of gravel or lode deposits, on the Bald Mountain and South Fork properties.

Item 3 (d) -- (Continued)

One of the characteristics of the Alleghany lode deposits is that the enrichments are high-grade, but very spotty. It has been the practice, since such deposits were first found here, of doing a minimum of sampling, and of not carrying formal ore reserves as would be done in more uniform and consistent low-grade deposits (See Prof. Paper 172). Prospecting and development is conducted by looking for "colors" of gold, and for certain diagnostic sulphides. Development work is concentrated in types of structures, or in geological environments that have proved productive in the past.

(e) As shown on Map No. 4, most of the area under consideration is covered by Tertiary gravels and volcanics. Gold-bearing Tertiary streams have been found at the base of the Tertiary section, with later "intervolcanic" channels cutting through the older gravels, into the pre-Tertiary bedrock. The bedrock is dominantly of the Tightner formation of the Calaveras Series. Some outcrops of the Kanaka formation are known along the western edge of the area under consideration. Cutting the Calaveras rocks are a number of large serpentinized "dikes". East-dipping, northerly striking quartz veins have been formed along thrust faults. The pre-Tertiary geology, as far as is known or can be projected, is shown on Map No. 5. Many of the old bedrock tunnels were not mapped as to their geology, and so projections are based on a minimum of information. The published descriptions of the veins in the Forest area suggest that they are quite similar to those so extensively developed and so productive around Alleghany.

Item 3 (e) -- (Continued)

In fact it is believed, as mentioned above, that they are the northern extension of those vein zones.

(f) Geologic conditions, including host formations, the presence of serpentine, vein characteristics such as mineralogy, junctions, etc., and the testimony of the rich gravel channels, combine to make this a favorable area for prospecting. That these same veins were so productive at Alleghany, just on the other side of the ridge, is likewise a very encouraging factor.

(g) Bibliography

Alling, Mark N., "Ancient Auriferous Gravel Channels of Sierra County, California", in Transactions of American Institute of Mining and Metallurgical Engineers, Vol. 49, pp. 238-257, 1914.

Alling was unquestionably the best informed engineer on the Forest City drift mines. He was county surveyor, in addition to his mining connections, had a first hand acquaintance with many of the drift miners, and had been in most of the mines.

Page 245:
"No doubt the greater part of the placer gold came from the general erosion of the great quantities of mineralized material, but the very large pieces of gold found all along in the 'Great Blue Lead', which passes through this district, evidently came from the ledges. Many of these ledges were exposed in the workings of the gravel mines, and several old mines have been reopened and developed as quartz mines; this proving that the large gold slugs do not travel far from their sources.

The lava mantle which covered this country still lies several hundreds of feet deep on the ridges, hiding the contacts and ledges and rendering prospecting slow and costly.

The early drift miners paid little attention to the quartz ledges; they knew little about handling the ore and they were not prepared to do so. The gravel was rich and they were making money. They did not care to divert their energies and, as they expressed it, 'waste their time in trying to get it out of the hard rock'. By simply washing

Item 3 (g) -- (Continued)

the gravel in their sluices they could gather from the riffles the clean gold dust and nuggets. So the ledges were passed and many of them forgotten, and yet the memory of some of them has led to important discoveries in the present day.

Rich ledges were found in the gravel diggings of the Tightner, Red Star, Rainbow, Sixteen To One, Dead River, South Fork, North Fork, Bald Mountain, Ruby, Telegraph, and many other drift mines.

In the Bald Mountain mine a ledge was discovered that has given rise to many 'fairy tales' of great riches, and upon investigation I have secured enough reliable data to cause me to believe that success would follow the reopening of the tunnel for the exploration of this ledge. Success in this undertaking is still more assured from the fact that about one mile of unworked channel awaits development in this ground and could be reached by extending the tunnel which was run for the quartz. This ledge is from 2 to 3 feet in width. It crops up through the bedrock and into the gravel for 1 to 2 feet, and strikes northerly and southerly, crossing the channel diagonally, since the channel was there coursing southwesterly. The ledge was followed in the breasts for from 300 to 400 feet, and the gravel just below the crossing was the richest of any worked in the 7,000 feet of channel exhausted by the company. A large number of chunks of gold were found, many of them still being partly imbedded in the quartz matrix.

Sulphides were found in the gravel at this point and interfered with the sluicing; they were shoveled out as a nuisance. It was not until recent years, when so many rich strikes were being made in the neighboring ledges and the gold found was so often associated with arsenical sulphides, that it dawned upon the owners that these sulphides were probably valuable.

The Bald Mountain Co. bought 9,600 feet of Oregon Creek as a tailings claim after that creek had been completely worked out by the pioneers."

Pages 246, 247:
"A number of nuggets, varying from 30 to 100 oz., some still clinging to the quartz matrix, were found in the creek when the company was reworking the tailings. These had been carried through the sluices with the coarser gravels or had been forked out with the boulders.

The ledge itself was considered a nuisance by the miners, as it stood up in the gravel and interfered with the breasting and the timbering.

Item 3 (g) -- (Continued)

The Bald Mountain and Ruby mines were noted for the great amount of coarse gold contained in their gravels. This feature of the channel which flowed through them did not cease when the Bald Mountain was passed; but the channel continued to yield large rough nuggets in the claims lying south of the Bald Mountain and even as far south as Alleghany and beyond. These nuggets did not all come from the Bald Mountain and Ruby claims, by any means, but were liberated from the ledges followed and crossed by the channel.

The Tightner, Red Star, Rainbow, and Sixteen To One have been reopened, and now rank as quartz mines of value . . . The South Fork, North Fork, Dead River, and Telegraph are now being developed for their quartz ledges.

A local company is making preparations to reopen the Ruby and Bald Mountain mines this summer, both for the ledges and for the gravel which they are known to contain. (Probably Alling and Copeland.)

To the north of the Ruby, and below the lava cap, the Downieville-Forest City contact has been traced down through Slug canyon, through Downieville, and up the next mountainside to the lava cap again, a distance of about 6 miles. The Loosner group, Carson group, Tripple Pocket group, Frost claim, York mine, Donderro claim, Bessler mine, Good Hope group, Oxford mine, Borsch claim, and Standard mine group cover this entire distance. Coarse gold has been found all along this contact from Forest City to the Standard mine, a distance of about 8 miles, and some of the above-named claims and mines have produced large sums. Slug canyon, which follows this contact for about 2 miles, derived its name from the character of its gold. This same contact passes through Forest City and on south to Alleghany. The Tightner ledge lies due south from the Bald Mountain ledge, and the Tightner ledge strikes due north, but as the intervening country is lava capped it is impossible to say that the Bald Mountain ledge is the Tightner ledge.

In the Ruby mine the ancient channels followed this contact, and on the old company maps may be seen the words 'Line of coarse gold', indicating the approximate line along which the large slugs were found. Pieces ranging from 10 to 45 oz. were commonly found here and one nugget was found which weighed 201.56 oz. A model of this nugget is in the museum of the California State Mining Bureau. We have record of at least 12 nuggets ranging in weight between 30 and 170 oz. found in the South Fork or Live Yankee mine, just south of the Bald Mountain. Large gold slugs were found in the Tightner gravel, and after a lapse of 40 years the mine was reopened. The ledge proved to be richer than could reasonably be expected of any ledge. Adjoining the Tightner is the Sixteen To One mine, where the gravel also yielded large specimens . . . ."

Item 3 (g) -- (Continued)

Browne, J. Ross, and Raymond, R. W., Reports on the Mines west of the Rocky Mountains, 1867-1876.

Detailed descriptions of the Bald Mountain mine.

Ferguson, H. G., and Gannett, R. W., "Gold Quartz Veins of the Alleghany District, California", U. S. G. S. Prof. Paper 172, 1932.

This is the classic paper on the subject, and should be read by everyone interested in understanding Alleghany district geology and mining.

"Gold Mines and Mining in California", G. L. Spaulding Co., 1885.

Description of the Bald Mountain and Bald Mountain Extension.

MacBoyle, Errol, "Mines and Mineral Resources of Sierra County", California Division of Mines, Vol. XVI, December 1918.

Contains brief write-ups of the Bald Mountain and South Fork mines. See also Vol. IX, pp. 120-1; Vol. VIII, p. 581; Vol. XI, p. 407; Vol. XII, pp. 272-3; Vol. XIII, p. 383; Vol. XXV, pp. 172-3.

Trask, J. B., "Report on the Geology of the Coast Mountains and Part of the Sierra Nevada", in appendix of Document 9, 1854, California State Senate, pp. 62 et seq.

Trask describes some of the earliest mining in Forest, which included prospecting of the Forest veins.

Item 4 - Accessibility of Property

(a) Mine office of Original Sixteen To One Mine, Inc. is 1/2 mile west of the center of the town of Alleghany, below the Smith's Flat P. G. & E. Sub-station. Mr. C. A. Bennett, Superintendent, will meet O. M. E. representative at office. The Bald Mountain mine is at Forest, approximately 5 miles by good automobile road from Alleghany. The Bald Mountain surface plant is about 200 yards north of the center of Forest. The main tunnel and the crosscut, from which the project will commence, are both open and may be inspected. Please give several days' notice so that the workings may be ventilated for safe inspection.

(b) Most supplies are shipped to Alleghany via Grass Valley or Nevada City, approximately 40 miles by good automobile road. A daily mail and supply truck serves the Alleghany district from Nevada City. The Original Sixteen To One Mine has approximately 10 company rental units for employees at Alleghany.

Item 5 - Exploration Work

(a) It is proposed to continue the present crosscut for approximately 400 feet, to the projected location of the Copeland vein. It is proposed then to drift approximately 325 feet northerly to the old Copeland workings, along the vein, and 475 feet southerly along the vein, or a total of 800 feet of drifting.

Drifts and crosscuts to be five by seven feet inside timbering. It is anticipated that as much as 50% of the footage may have to be timbered, due to heavy ground.

Map No. 6, on a scale of 100 feet to the inch, indicates the location of this proposed exploration work with respect to claim lines, to the old Bald Mountain workings, and to the Copeland drift. The proposed drift is laid out on the probable position of the Copeland vein based on the assumption that the vein in the South Fork and in the Bridge Tunnel is the same one as the Copeland vein. However, the possibility exists that the Copeland vein may represent a strand off the United Eastern vein, or even both structures. This concept is portrayed on Map No. 5. The crosscut should also provide information on the extent of the serpentine in this block.

(b) Not applicable.

(c) Work can be started within one month from date of execution of contract. Anticipated rate of advance is 4 feet per shift. On a single shift, six day week basis, it would take 11½ months to complete the project. However, it is the hope of the management, by either running two shifts a day, or advancing two faces a shift, to cut this to six or seven months. For simpli-

Item 5 - Exploration Work -- (Continued)

fication, the costs have been estimated on a one shift basis, as it will depend upon availability of miners, and ground conditions, whether and how soon a two shift or two face operation can be set up.

Item 6 - Experience

Applicant, the Original Sixteen To One Mine, Inc., has operated the Alleghany properties for 51 years, producing over $16,000,000 from underground mining of gold-bearing quartz veins. Mr. C. A. Bennett, Superintendent, has managed the Alleghany operations for 37 years. Mr. Wilford Hart will supervise the Bald Mountain project. He has been employed by the Applicant for 31 years, as engineer, assayer, mine foreman, etc. He is a graduate mining engineer.

Item 7 - Estimate of Costs

(a) Independent Contracts - None. Applicant will do all work.

(b) Personal Services - Supervision, engineering, geology, and accounting will be provided by staff members now on Applicant's payroll or on call. Their time spent on the project will be pro-rated; an estimate has been made for this expense on the detailed costs below.

Mine Foreman	$600/month
Engineer & accountant	$500/month
Geologist, consultant,	as required.

Labor required:

Miners (2) @	$2.00/hr.
Shop and Compressor man @	$1.85
Trammer @	$1.75

Project will be set up on a six day work week with an average estimated advance of 4 feet a shift. If ground conditions and availability of labor permit, Applicant hopes to go to either two shifts, or while drifting, to a two-face operation. However, because of the uncertainty of this and for simplicity, the costs have been estimated on a single shift basis. It is estimated that 50% of the workings will require timbering. As there is not expected to be any significant difference in costs between cross-cutting and drifting, only one footage estimate has been made.

(c) Operating materials and supplies -
Electric power available from P.G. & E.
Est. monthly bill at $300.
Explosives est. at 10#/foot @ 25¢/# plus fuse and caps.
Steel, bits, shop materials, etc. have been estimated on a footage basis.

(d) Operating Equipment - All equipment is to be furnished by Applicant on a rental basis. All recoverable supplies such as track, pipe, vent tubing, etc. also will be furnished from Applicant's inventory of new and/or used items.

Item 7 - (Continued)

(e) Rehabilitation and Repairs - Cleaning up tunnel, clearing ditches, laying air and water lines, repairing timbering, etc. will take approximately one week. This is estimated to cost $1,000.

(f) New Buildings and Installations - Applicant has all necessary buildings, equipment and supplies for starting project.

(g) Maintenance of equipment under (d) is covered by shopman for labor and an estimate of supplies and materials is listed under shop expense. Accounting will be done by Applicant's engineer. Payroll taxes, etc. have been listed at 12% of labor charge.

Detailed Exploration Costs

400 feet crosscut, ~~1000~~ 800 feet drift, at an average of 4 feet a day, six days a week.

Labor	$16.00 per foot ?
Insurance, Soc. Sec. taxes	1.92
Powder, fuse and caps	3.00
Compressor (Power)	3.00 - ?
Steel and bits	2.00
Shop expense	2.50
Engineering & Accounting	2.50
Supervision	5.00
Rental of equipment	1.90
Total est. cost	$37.82 per foot

It is estimated that 50% of the footage will be timbered.

Timber supplies	$5.00
Labor	2.50
Total timbering	$7.50 per foot

Item 7 - (Continued)

Schedule of equipment and recoverable supplies, for determining rental charge.

Compressor	$2,500
2 drills with airbars	850
Air and water hoses	200
Rails, switches, etc.	1,800
Air and water lines	1,750
6 mine cars	950
Electric Mancha motor	1,200
Charging unit	500
Mucking machine	800
Fan and vent tube	500
Misc. hand tools	750
Total	$11,800

$11,800 div. by 60 months = $197/month, or at 104 feet a month, = $1.90 per foot, rental charges.

Total cost of project

1200 feet of crosscutting and drifting @ $37.82 per foot - - - - - -	$45,384
610 feet of timbering @ $7.50/ft. -	4,500
Rehabilitation allowance - - - - - -	1,000
Total cost	$50,884

U. S. Government Messenger Envelope

Standard Form No. 65
November 1961
General Services Administration
General Regulation 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	
Mineral Exploration Rm. 4459	STOP		STOP
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Use other side

Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STO system is used. Your mail room has STOP information.

INSTRUCTIONS FOR USE

1. Identify Agency of Addressee

2. Void Previously Used Block

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Use other side first

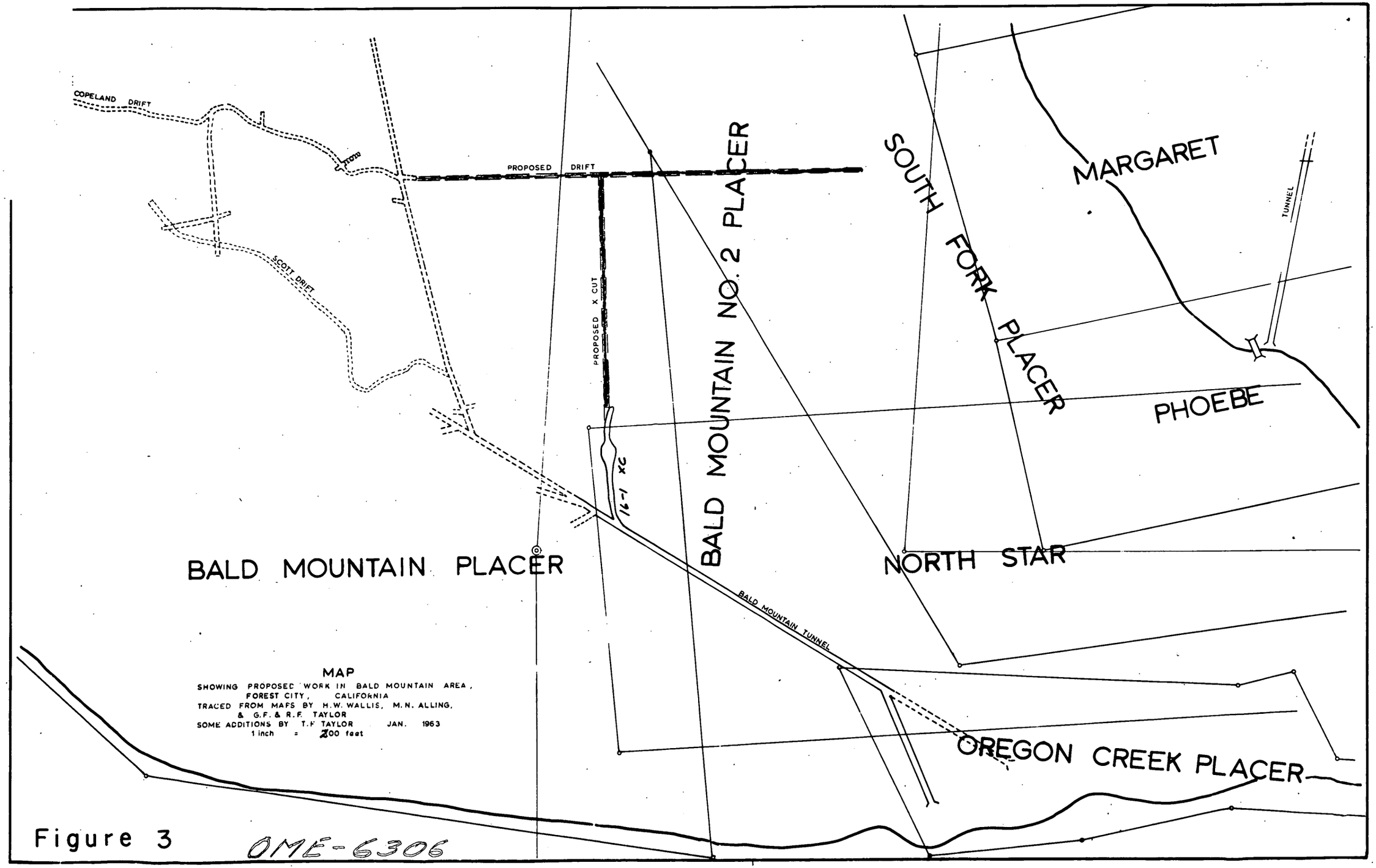

Figure 3

OME-6306

Murphy

Note: Change scale on contract subject

FMMurphy/mm
6/10/63
DRAFT

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OMK-6306

ANNEX I

The land referred to in Article 2 of the contract consists of eighteen (18) unpatented placer and lode mining claims, including all rights pertaining thereto, in secs. 15, 21, 22, 23, 26, 27, and 28, T. 19 N., R. 10 E., ~~M.D.M.~~ M.D.B.&M., Alleghany district, Sierra County, California. The claims are recorded in the records of the Sierra County Official Records, in Downieville, California, as follows:

Placer Claims	Book	Page
Bald Mountain	C (B & W)	499
Bald Mountain No. 2	Q (Placer)	410
Oregon Creek Tailings	B (B & W)	167
Parhman	C (B & W)	462
South Fork	D (B & W)	271-2
Lode Claims		
Amethyst Extension	G (Quartz)	201-2
	G (Quartz)	224-6
Amethyst Extension	L (Quartz)	321
Blue Jay	U (Quartz)	42
Bullion	L (Quartz)	529
Butterfly	L (Quartz)	504
Honey Bee	L (Quartz)	528
Lady Bug	L (Quartz)	529
Mabel	L (Quartz)	321
Margaret	L (Quartz)	314

May Flower	K (Quartz)	453
North Star	J (Quartz)	310
Phoebe	L (Quartz)	315
Verde	L (Quartz)	355

The outer boundaries of the above-listed claims are shown outlined in green on map Figure 2, entitled, "Central Portion Alleghany Mining District, Sierra County, California."

The Operator is the owner of the claims.

DRAFT
FMMurphy
6/10/63

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

EXHIBIT A

The purpose of this project is to explore by means of drifting and crosscutting for gold-bearing ore bodies in the Copeland vein system which traverses the Tightner formation near its contact with various serpentinized "dikes." These rock formations are considered to be of post-Carboniferous age.

General Provisions

Significantly mineralized areas traversed in the drifts shall be sampled by making a composite sample of the material in the cars loaded from each round broken. If the material is being milled a head sample may be substituted for car sampling.

Each sample shall be split as necessary and then assayed for gold. The Operator shall store one split in a suitable container properly identified as to location. The stored samples shall be made available for Government inspection and possible use. With prior Government approval, the Operator may dispose of the stored samples.

True copies of assay certificates shall be ~~XXXXXXXXX~~ submitted with the Operator's monthly progress report which shall also include a map or sketch showing the work completed during the reporting period, general geology of the rock formations traversed, and the location and values of the samples. In addition the Operator shall report the weight and assay value of any free gold recovered and the approximate location where it was found.

The Operator shall provide such supervisory and technical

services as may be required to complete the work in a satisfactory manner.

The location, direction, and extent of each work item shall be subject to Government approval.

Description of the Work

The work shall consist of rehabilitating and repairing the Bald Mountain adit tunnel and the 16-1 crosscut which extends east from the tunnel at a point about 800 feet in from the portal. This work comprises cleaning up fallen rock, clearing ditches, laying air and water pipe, hanging ventilation tubing, installing track, repairing timber, etc.

From the present face of the 16-1 crosscut it shall be continued in an easterly direction for approximately 400 feet or until it traverses the Copeland vein system. With prior Government approval drifts then shall be driven from the crosscut northerly and southerly along the Copeland vein on the most favorable structure for a combined total of approximately 800 feet.

The drifts and crosscut shall not be less than 5' x 7' in cross section in the clear of timber and shall be timbered as necessary using standard drift sets of not less than 8" x 8" timber, or equivalent round timber.

The working area shall be ventilated using pipe or tubing not less than 12 inches in diameter. The mine rails shall not be less than 12-lb, air lines not less than 2-inch, and water lines not less than 1-inch in diameter.

The approximate location and extent of the crosscut and drifts to be driven under this contract are shown in red on Figure 3,

entitled ,"Map Showing Proposed Work in Bald Mountain Area .....," attached hereto and made a part hereof.

The Government will contribute to no more than a unit cost of $1000.00 for the rehabilitation of the Bald Mountain ~~tunnel~~ adit and 16-1 crosscut, 1200 feet of crosscutting and drifting, 600 feet of timbering in the crosscut to the Copeland vein structure and the drifts along the structure, and 200 sample assays.

Estimated Cost of Project

Fixed Unit Costs

Rehabilitation of ~~tunnel~~ adit and crosscut 1/	$1000.00
1200 feet crosscutting and drifting @ $34.00 per foot	40,800.00
600 feet timbering in crosscut and drifts @ $7.50 per foot	4,500.00
200 assays for gold @ $1.50 per sample	300.00
Total Estimated Cost of Project	$46,600.00
Government Participation @ 50%	$23,300.00

1/ The completed job is the unit of work.

UNITED STATES
DEPARTMENT OF THE INTERIOR
STEWART L. UDALL, SECRETARY

OFFICE OF MINERALS EXPLORATION

REPORT OF EXAMINATION BY ACTING FIELD OFFICER
REGION II

APPLICATION REPORT

OME-330 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Mine
Alleghany, California

Maps removed for photostats

By

Paul V. Fillo
Acting Field Officer
OME, Region II

May 31, 1963

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ILLUSTRATIONS

Figure 1 ..... Location Map

Figure 2 ..... Claim Map

Figure 3 ..... Proposed Exploratory Map

INTRODUCTION

An application for OME assistance submitted by Original Sixteen to One Mine, Inc., 1258 Russ Building, San Francisco, California, requests a loan for further exploration of the Bald Mountain mine located approximately 1/4 mile north of the center of Forest in Sierra County, California. The application was assigned Docket No. 6306 and referred to this office on May 23, 1963, for consideration and a field examination if necessary. The application includes an estimated total cost of $50,884.00 to perform exploration work consisting of 400 feet crosscutting and 800 feet of drifting.

A field examination was made by Paul V. Fillo, Acting Field Officer, OME, Region II on May 24, 1963, accompanied by C. A. Bennett, Vice-President of Original Sixteen to One Mine, Inc.

SUMMARY

The applicant proposes to continue their present crosscut in the Bald Mountain tunnel for about 400 feet to the projected location of the Copeland vein and then drift northerly along the Copeland vein to the old Copeland workings, and southerly along the vein for a total of 800 feet.

The Bald Mountain area was the center of the once well-known Sierra County drift mining, where the rich "Great Blue Lead" Tertiary gravel channel was profitably mined. The "Great Blue Lead" was characterized by coarse gold, and at times contained quartz. This signifies much of the gold was eroded from veins in and close to the early Tertiary streams.

Since the contacts and ledges are obscured by several hundred feet of lava mantle, the records indicate the Copeland vein was last worked in the old Copeland workings where the ledge was 2 to 3 feet wide. The ledge strikes northerly and southerly and dip 40° E. The probable position of the Copeland vein is based on the assumption that the vein in the South Fork and in the Bridge Tunnel (presently inaccessible) is the same one as the Copeland vein or a strand off the United Eastern vein.

The Copeland ledge can be explored effectively by crosscutting to the ledge and drifting.

RECOMMENDATION

The program of exploring the Copeland vein appears reasonably justified. The veins in Forest could be the northerly extension of the Gold-Canyon, Irelan-Rainbow-Sixteen to One-Tightener and Plumbago-El Dorado-Osceola vein systems. I recommend that the Government enter into OME contract with the Original Sixteen to One Mine, Inc., to provide 50% of the cost of the program consisting of:

400 feet of crosscutting

800 feet of drifting

The total cost is estimated to be about $50,884.00 of which the Government's share at 50 per cent would be $25,442.00. Twelve months' time will be required to complete the contract on single-shift basis or about eight months if the two drift headings are advanced simultaneously. To facilitate administration of the contract, the work should be based on footage or unit costs.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Bald Mountain mine is located about 1/4 mile north of the center of Forest and about 200 feet east of North Fork river. The elevation of the portal tunnel is 4,637 feet. The property is located in secs. 15, 21, 22, 23, 27, 28 and 29, T. 19 N., R. 10 E. Mount Diablo Meridan, Sierra County, California.

Experienced mine labor and supplies are available at Alleghany and also at Nevada City, a town approximately 40 miles southwest of Alleghany by well-traveled road.

The prevailing daily wages for miners range from $14 to $16. Electric power is provided from Smith's Flat Pacific Gas and Electric Sub-station. Living accommodations are available at Forest and Alleghany. Motor truck transportation is available at Alleghany. Winter operation in the Forest area are sometimes impeded and access may be difficult because of snow, but year-round operation is considered feasible. Excellent timber of pine and fir is on the property and is available for mining use. Water for domestic and mining needs is available from North Fork Creek.

PROPERTY

History and Production 1/ 2/

Records indicate the mine produced $3,100,000 during the 70's and 80's and paid out over $1,300,000 in dividends.

1/ Applicant's Report

2/ Boyle, E. M., Mines and Min. Res. of Sierra County, Calif. State Min. Bureau

The property was discovered in 1869 by a 268' shaft, and a tunnel of 1,800' was mined. The drift mining was on the "Great Blue Lead." Tertiary gravel channel is one of the richest, and most consistent and profitable mines in the Sierran Gold Belt. An interesting factor in this mine was the outcropping vein encountered crossing the channel as noted in "Ancient Auriferous Gravel Channels of Sierra County, California." (T.A.I.M.E., Vol. 49, pp 245-7) The large pieces of gold found all along in the "Great Blue Lead" came from the ledges.

On the basis of this data W. F. Copeland and Mark Alling drove a long crosscut to the east to explore the intervolcanic deep channel. A quartz ledge was cut during this work, and it was thought to be the main Bald Mountain channel. The vein was followed to the north for about 700 feet. The work proved to be too near the Tertiary surface and broke through the bottom of the main channel.

A winze was started by Copeland in the early 20's to evaluate the vein more accurately. The project was terminated and in the 30's Foote and Anderson reopened the Copeland's workings and winze. Their work was primarily a sampling program, and their findings were not encouraging. It appears their work was principally devoted to the gravel that might have been missed or on exploring the intervolcanic channels that cut the Great Blue Lead.

The Original Sixteen to One Mine acquired the Bald Mountain and the South Fork properties in the early 40's, and subsequently the Bald Mountain mine is being explored by the yearly assessment work of crosscutting towards

their objective target structure.

Ownership

The property consists of five unpatented Placer claims and 13 unpatented Lode mining claims which are owned by the Original Sixteen to One Mine, Inc.

In their proposed exploratory work, the following claims with recording information in the Sierra County office, Downieville, California, would be subjected to Government royalty and lien:

Unpatented Placer Claims	Book	Page
Bald Mountain Placer	C	499
Bald Mountain No. 2 Placer	Q	410
Oregon Creek Tailings Placer	B	167
Parkman Placer	C	462
South Fork Placer	C	271-2

Unpatented Lode Mining Claims	Book	Page
Amethyst Quartz	G	201-2
	G	224-6
Amethyst Extension Qtz.	L	133
	L	321
Blue Jay Quartz	U	42
Bullion Quartz	L	529
Butterfly Quartz	L	504
Honey Bee Quartz	L	503
	L	528
Lady Bug Quartz	L	504
	L	529

Unpatented Lode Mining Claims	Book	Page
Mabel Quartz	L	133
	L	320
Margaret Quartz	L	139
	L	314
May Flower Quartz	K	453
North Star Quartz	J	310
Phoebe Quartz	L	137
	L	315
Verde Quartz	L	355

Financial Eligibility

The applicant has submitted evidence accompanying the application that they were unsuccessful in securing a loan for exploration purposes from two banking institutions. They propose to finance their share of the exploration costs from company funds currently on hand.

Development

The principal workings consist of a main haulage tunnel (Bald Mountain tunnel), approximately 800 feet from the portal to the crosscut then in an easterly direction about 200 feet to the face. The underground openings are accessible, although wet and sloppy. The making of mine water isn't too serious.

Near the face of the crosscut, a semicaved area of six sets will have to be rehabilitated. Approximately twenty more sets along the haulage tunnel will need to be replaced and minor maintenances will be required for the tunnel.

Surface installation consists of one large metal frame building

100' x 60' and the building and equipment on the property and underground are sufficient to accommodate six to ten-man crew. A partial list of surface and underground equipment is as follows:

1 - Compressor (C. F. 500 c.f.m.)

2 - Drills with airbar

1 - Blower

1 - Mucking machine

6 - Mine car

1 - Elect Mancha motor with charger 1,200' - 12" vent tubing

GEOLOGY[1/]

Geologic Setting

The Bald Mountain mine portal is located on the west slope of Bald Mountain near the North Fork Oregon Creek, 1/2 mile north of the junction of North Fork Oregon Creek and South Fork Oregon Creek. The altitude ranges from 4,600 to 5,600 feet.

The oldest rocks of the Allegheny district are metamorphosed sediments and volcanic rocks of the Calaveras series and are cut by later basic and acidic intrusive rocks. These rocks are exposed in the stream valleys. The interstream ridges are capped by Tertiary gravel and andesitic breccia.

The area under consideration for exploratory program is covered by Teritary gravels and volcanics. Gold-bearing Tertiary streams have been found at the base of the Tertiary section with later intervolcanic channels

---

1/ Ferguson, H. G., and Gannett, R. W., 1932, Gold-Quartz Veins of the Allegheny District, California: U. S. Geol. Survey Prof. Paper 172

cutting through the older gravels into the pre-Tertiary bedrock. The bedrock is the Tightener formation of the Calaveras Series. Several large serpentized dikes or lenses cut the Calaveras rocks. East dipping, northerly, striking quartz veins have been formed along thrust faults.

Ore Deposits[3]

The greater part of the placer gold came from the general erosion of the great quantities of mineralized material, but the very large pieces of gold found all along in the Great "Blue Lead," which passes through this district, evidently came from the ledges. Many of these ledges were exposed in the workings of the gravel mines, and several old mines have been reopened and developed as quartz mines; this proving that large gold slugs do not travel far from their sources. The early drift miners paid little attention to the quartz ledges; they knew little about handling the ore and they were not prepared to do so. The gravel was rich and they were making money.

"Rich ledges were found in the gravel diggings of the Tightener Red Star, Rainbow, Sixteen to One, Dead River, South Fork, North Fork, Bald Mountain, Ruby, Telegraph and many other drifts."

"In the Bald Mountain mine a ledge was discovered and the ledge is from 2 to 3 feet in width, and strikes northerly and southerly, crossing the channel and dips 40° E. It was followed in the breasts from 300 to 400 feet and found to be the richest of any work in the 7,000 feet of the channel."

3/ Alling, Mark N., "Ancient Auriferous Gravel Channels of Sierra County, California" in Transaction A.I.M.E., Vol. 49, pp. 238 - 257, 1914.

"To the north of the Ruby, and below the lava cap, the Downieville-Forest City contact has been traced down through Slug canyon, through Downieville, and up the next mountainside to the lava cap again, a distance of about 6 miles. The Loosner group, Carson group, Tripple Pocket group, Frost claim, York mine, Donderro claim, Bessler mine, Good Hope group, Oxford mine, Borsch claim, and Standard mine group cover this entire distance. Coarse gold has been found all along this contact from Forest City to the Standard mine, a distance of about 8 miles, and some of the above-named claims and mines have produced large sums. Slug canyon, which follows this contact for about 2 miles, derived its name from the character of its gold. This same contact passes through Forest City and on south to Alleghany. The Tightner ledge lies due south from the Bald Mountain ledge, and the Tightner ledge strikes due north, but as the intervening country is lava capped it is impossible to say that the Bald Mountain ledge is the Tightner ledge."

The ore deposits of the Alleghany Forest district are very rich in free gold and are very erratically distributed. There are certain favorable structural features associated with a high-grade ore deposits. Any irregularity in the vein caused by changes in dip and strike, sudden swelling, junctions, or splits in the vein, and minor faults are favorable locations for high-grade ore shoots. The influence of large serpentine masses is of importance, as the veins tend to bent toward parallelism with the serpentine contact.

In coarsely crystalline arsenopyrite is of importance in fine ore shoots, as this mineral seems to have been effective in causing the disposition of

gold. The arsenopyrite is partly replaced by gold in some places. The presence of mariposite (known as blue-jay) has had considerable control over the location of high-grade ore shoots. The principal gangue mineral is quartz, and pyrite is the most abundant sulphide though sparsely present.

Sampling

No samples were taken, normally, for this mining district the "rule of thumb" is to look for colors or associated gold-bearing sulphides. If there is gold in the quartz, it will show up in the mill.

Ore Reserves

There is no reserve tonnage of gold-ore exposed, nor minable gold ore shown. The producing mines in the district maintain no ore reserves on account of the character of the gold ore.

EXPLORATION

The applicant proposed an exploratory project consisting of 400 feet of crosscutting, 800 feet of drifting, 610 feet of timbering, and some rehabilitation of the haulage tunnel sets. The proposed division of this work is as follows:

1,200 feet of crosscutting and drifting	at $37.82 per foot..	$45,384.00
610 feet of timbering	at $ 7.50 per foot..	4,500.00
Rehabilitation of haulage tunnel set		1,000.00
		$50,884.00

The applicant's estimated costs for crosscutting and drifting appear to be a little high; possibly this is due to the extra cost they anticipate in crosscutting through the serpentine mass.

The cost estimate was calculated on a straight footage basis for the miners. The work is based on single shift per day six days a week. There is a chance possibly of driving the two headings in their drifting program simultaneously; if this is the case, the program could be completed within eight months from the date of approval of the exploration contract.

The applicant states that the work can be started within one month from the date of signing the contract.

Cost Estimate

The examiners have checked the applicant's cost estimates and found them a little high, but the exploratory program warranted a Government's contract. The following are the applicant's cost estimates.

Original Sixteen To One Mine, Inc.,
Allegheny, California
BALD MOUNTAIN PROJECT

Item 7 - Estimate of Costs

(a) Independent Contracts - None. Applicant will do all work.

(b) Personal Services - Supervision, engineering, geology, and accounting will be provided by staff members now on Applicant's payroll or on call. Their time spent on the project will be pro-rated; an estimate has been made for this expense on the detailed costs below.

Mine Foreman	$600/month
Engineer & accountant	$500/month
Geologist, consultant, as required.	

Labor required:

Miners (2) each	$2.00/hr.
Shop and Compressor man each	$1.85
Trammer each	$1.75

Project will be set up on a six day work week with an average estimated advance of 4 feet a shift. If ground conditions and availability of labor permit, Applicant hopes to go to either two shifts, or while drifting, to a two-face operation. However, because of the uncertainty of this and for simplicity, the costs have been estimated on a single shift basis. It is estimated that 50% of the workings will require timbering. As there is not expected to be any significant difference in costs between cross-cutting and drifting, only one footage estimate has been made.

(c) Operating materials and supplies -
Electric power available from P.G. & E.
Est. monthly bill at $300.
Explosives est. at 10#/foot each 25 cents/# plus fuse and caps.
Steel, bits, shop materials, etc. have been estimated on a footage basis.

(d) Operating Equipment - All equipment is to be furnished by Applicant on a rental basis. All recoverable supplies such as track, pipe, vent tubing, etc. also will be furnished from Applicant's inventory of new and/or used items.

(e) Rehabilitation and Repairs - Cleaning up tunnel, clearing ditches, laying air and water lines, repairing timbering, etc. will take approximately one week. This is estimated to cost $1,000.

(f) New Buildings and Installations - Applicant has all necessary buildings, equipment and supplies for starting project.

(g) Maintenance of equipment under (d) is covered by shopman for labor and an estimate of supplies and materials is listed under shop expense. Accounting will be done by Applicant's engineer. Payroll taxes, etc. have been listed at 12% of labor charge.

Detailed Exploration Costs

400 feet crosscut, 800 feet drift, at an average of 4 feet a day, six days a week.

Labor	$16.00 per foot
Insurance, Soc. Sec. taxes	1.92
Powder, fuse and caps	3.00
Compressor (Power)	3.00
Steel and bits	2.00
Shop expense	2.50
Engineering & Accounting	2.50
Supervision	5.00
Rental of equipment	1.90
Total est. cost	$37.82 per foot

It is estimated that 50% of the footage will be timbered.

Timber supplies	$5.00
Labor	2.50
Total timbering	$7.50 per foot

Schedule of equipment and recoverable supplies, for determining rental charge.

Compressor	$2,500
2 drills with airbars	850
Air and water hoses	200
Rails, switches, etc.	1,800
Air and water lines	1,750
6 mine cars	950
Electric Manchs motor	1,200
Charging unit	500
Mucking machine	800
Fan and vent tube	500
Misc. hand tools	750
Total	$11,800

$11,800 div. by 60 months = $197/month, or at 104 feet a month, = $1.90 per foot, rental charges

Total cost of project

1200 feet of crosscutting and drifting each $37.82 per foot - - - - - - - - -	$45,384
610 feet of timbering each $7.50/ft. - -	4,500
Rehabilitation allowance - - - - - - - - - - -	1,000
Total cost	$50,884

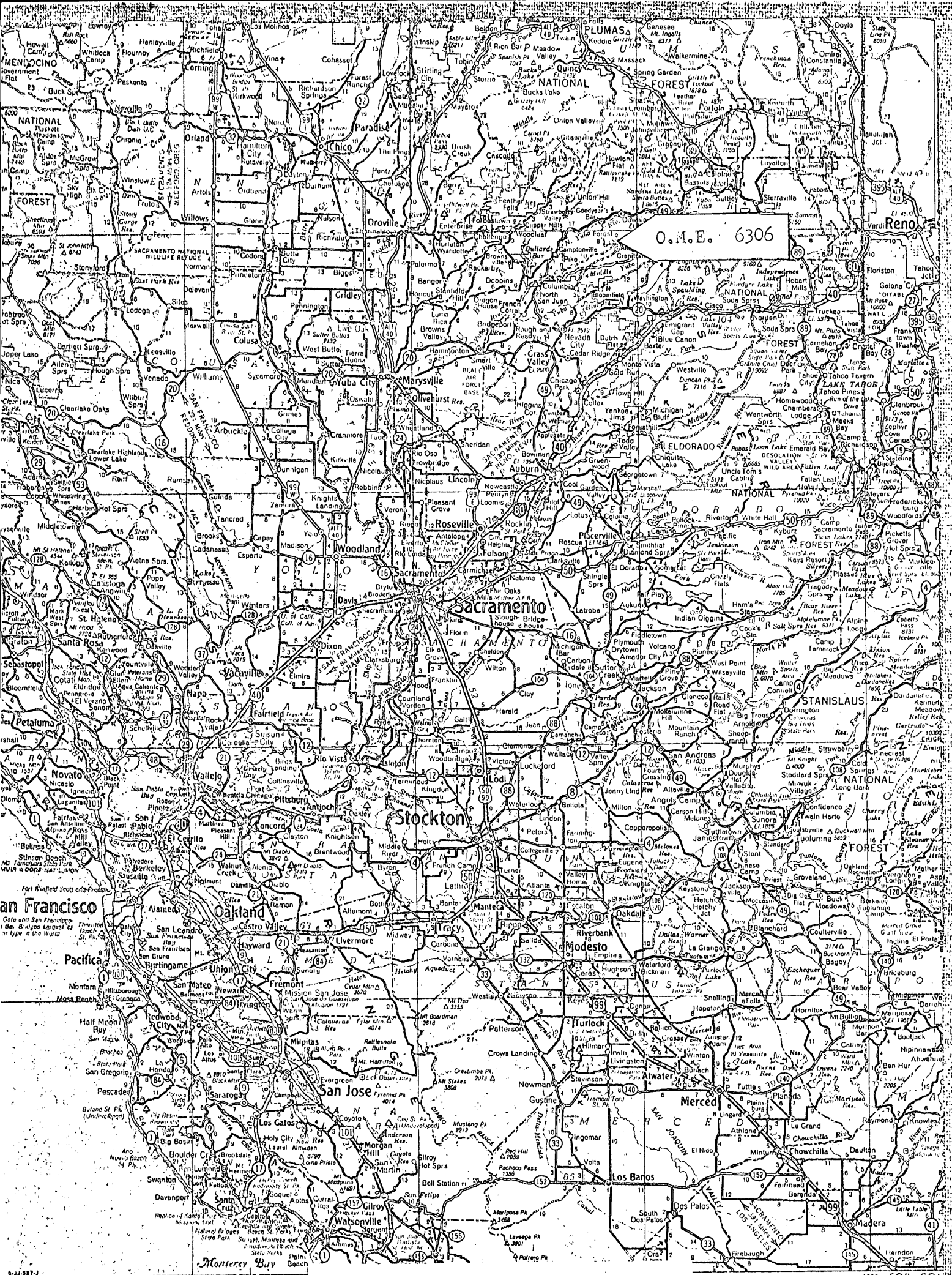
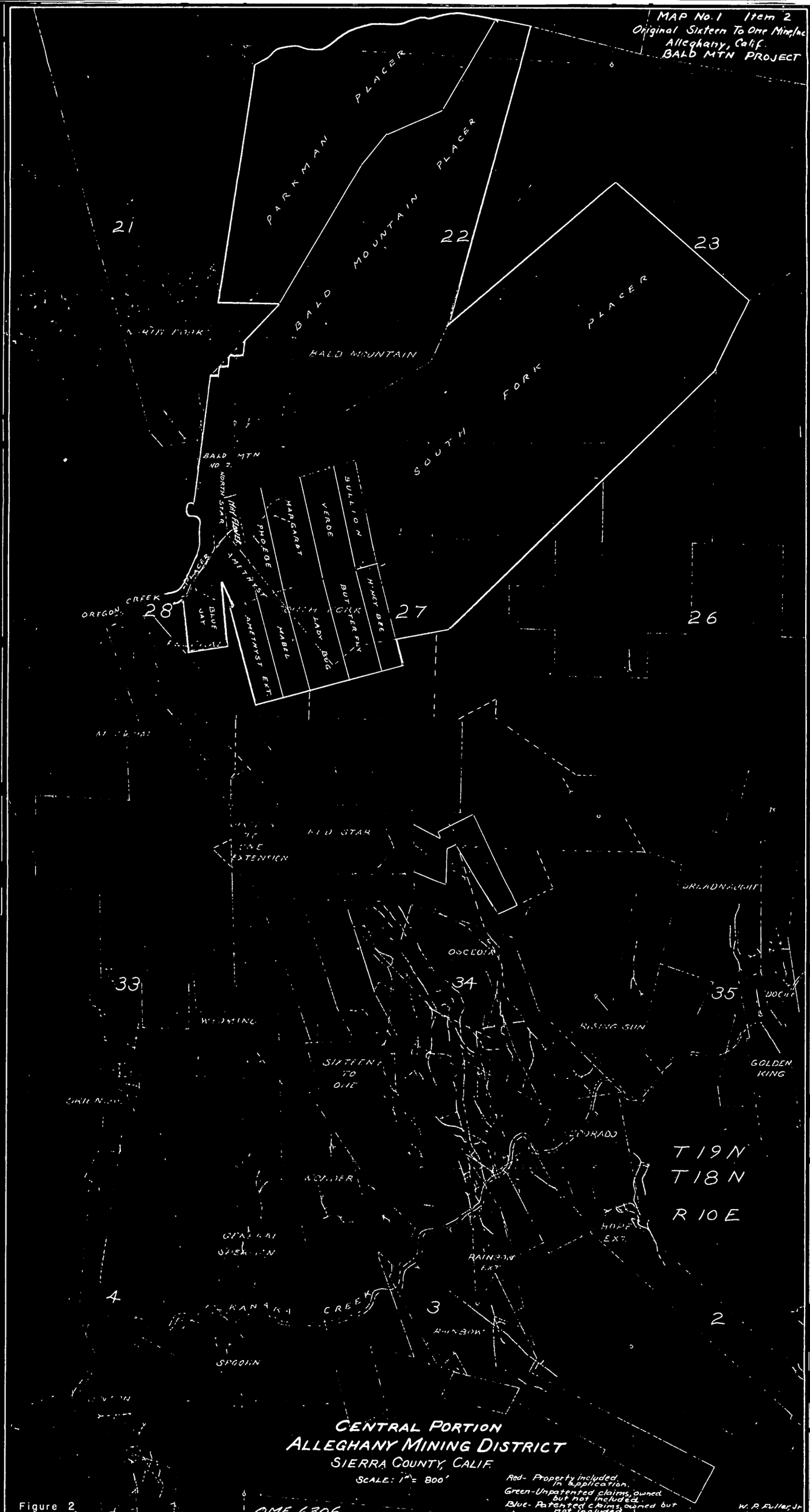


Figure 1. Location Map



CENTRAL PORTION
ALLEGHANY MINING DISTRICT
SIERRA COUNTY, CALIF.
SCALE: 1" = 800'

Red- Property included in application.
Green-Unpatented claims, owned but not included.
Blue- Patented claims owned but not included.
Orange- Tertiary contact.

Figure 2

OME-6306

W. R. Fuller Jr.
April, 1963

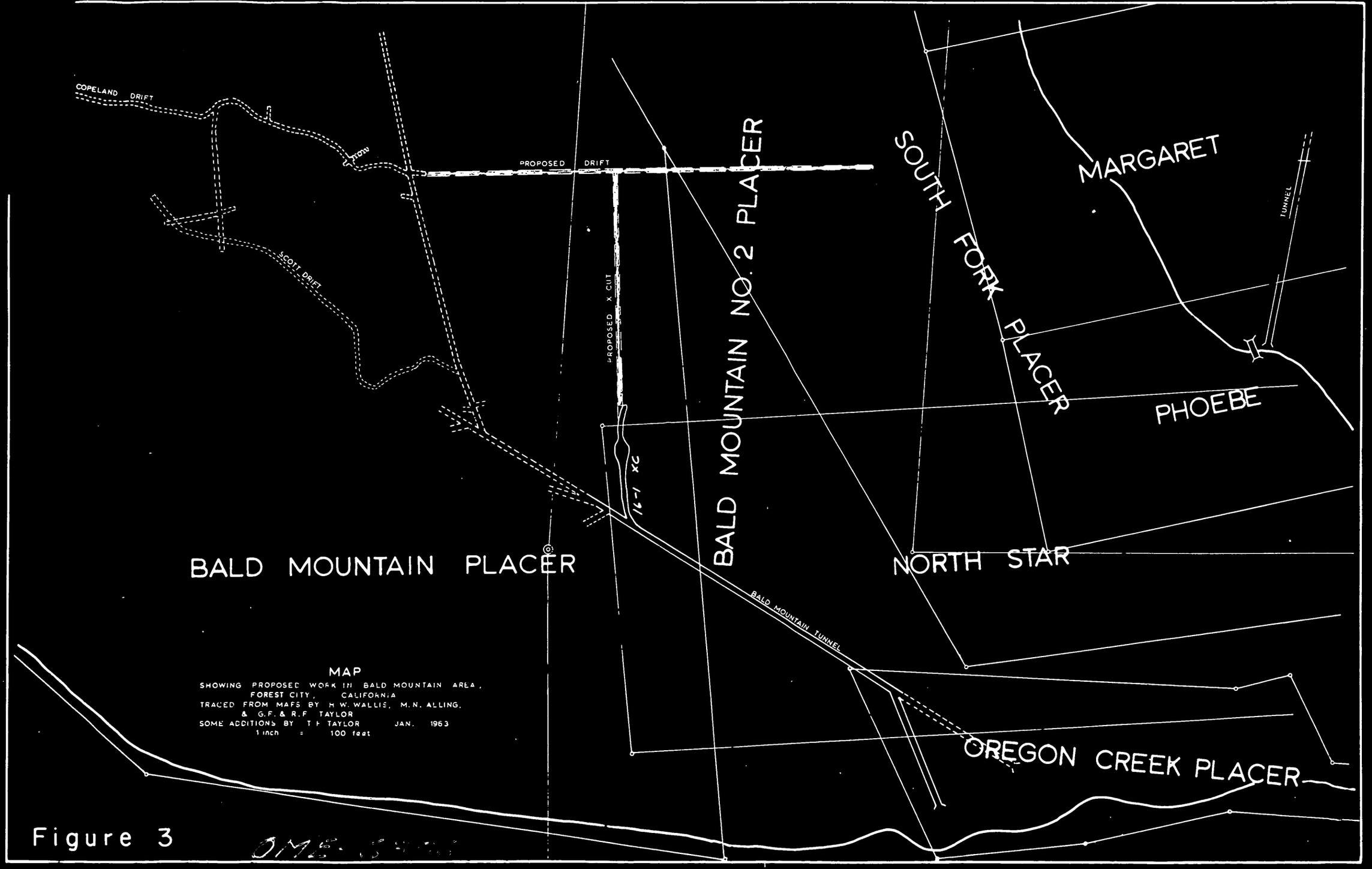

COPELAND DRIFT
SCOTT DRIFT
PROPOSED DRIFT
PROPOSED X CUT
16-1 XC
BALD MOUNTAIN NO. 2 PLACER
SOUTH FORK PLACER
MARGARET
TUNNEL
PHOEBE
BALD MOUNTAIN PLACER
NORTH STAR
BALD MOUNTAIN TUNNEL
OREGON CREEK PLACER
MAP
SHOWING PROPOSED WORK IN BALD MOUNTAIN AREA,
FOREST CITY, CALIFORNIA
TRACED FROM MAPS BY H. W. WALLIS, M. N. ALLING,
& G.F. & R.F. TAYLOR
SOME ADDITIONS BY T F TAYLOR JAN. 1963
1 inch = 100 feet

Figure 3

U. S. Government Messenger Envelope

Standard Form No. 65 Rev. (1957)
Promulgated by Bureau of the Budget Circular A-33 (Rev.)

65-104

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
Dir. Office of Mineral Exploration Room 4460	STOP	6306	STOP
	STOP	Extra Maps	STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP

Use other side

Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STOP system is used. Your mail room has STOP information.

INSTRUCTIONS FOR USE

1. Identify Agency of Addressee
2. Void Previously Used Block
3. Write Clearly
4. Send Surplus Envelopes to Supply Room for Reis

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
6 2 S 4	STOP		STOP
AAS Rm 6653	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP

Use other side first

Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

OFFICIAL COPY
O. M. E.
RECEIVED
JUN 26 1975

INITIALS	CODE
HK	

June 24, 1975

Mr. Ross Guenther
1300 Sacramento Street, Suite 203
San Francisco, California 94109

Dear Mr. Guenther:

Enclosed is a copy of an OME application of May 1968 by Original Sixteen To One Mine, Inc., Alleghany, California. Receipt of your check to the U.S. Geological Survey in the amount of $5.00 to cover the cost of duplicating is hereby acknowledged. The original of Mr. George F. Jansen's letter of June 18, 1975 authorizing release of the application is also acknowledged.

In accordance with Mr. Hoaré's instructions, the copy is complete except for Item 1 (financial eligibility) and Figures 2 and 3 which are patent survey plats that are not sufficiently legible to reproduce.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosure

cc: D. G. Hoaré
Redding, Calif.

CC: OME, Reston, VA (Docket 6306)
Dir RF
MP RF
MR RF
Docket 6306
RMSmith:mlb

ROSS GUENTHER

1300 SACRAMENTO STREET, SUITE 203 • SAN FRANCISCO, CALIFORNIA 94109

(415) 776-8969

20 June 1975

Dear Mr Smith,

Please send the complete copy we discussed on telephone today for $5.00 to Mr. Guenther.

D. J. Hoare
Ross Guenther
D. J. HOARE.

re OME docket #6306

Check turned over to
John Alexander for handling 6/24/75

RECEIVED
JUN 24 1975
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

RECEIVED
JUN 24 1975
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

ORIGINAL SIXTEEN TO ONE MINE, INC.

PROPERTIES LOCATED AT
ALLEGHANY, SIERRA COUNTY
CALIFORNIA

1100 MILLS TOWER - 220 BUSH STREET
SAN FRANCISCO 94104
TELEPHONE (415) 362-4332

SAN FRANCISCO

June 18, 1975

Ross Guenther
1300 Sacramento Street
San Francisco, California 94109

Dear Mr. Guenther:

This letter will authorize U.S.G.S. of Menlo Park to authorize you or your representative to inspect and make copies of any O.M.E. applications or files in their office relating to this company and Tightner Mines Company.

Very truly yours,

GEORGE F. JANSEN

GFJ:hlr

RECEIVED
JUN 24 1975
OFFICE OF MINERAL EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

450 Golden Gate Avenue, Box 36012
San Francisco, California, 94102

Memorandum June 12, 1964

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170

Enclosed are the original and two copies of Rescission of OME Exploration contract of the above subject contract properly executed by the operator.

The remaining copies have been distributed in the usual manner.

Paul V. Fillo

Paul V. Fillo

Enclosures
cc:
Chief, Division of Field Operations, OME, Washington, D. C.

P. S. A copy of the operator's letter of transmittal is also enclosed.

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 16 1964

DATE	INITIALS	CODE
6/17	Murphy	5

ORIGINAL SIXTEEN TO ONE MINE, INC.

ES LOCATED AT
Y, SIERRA COUNTY
ALIFORNIA

1258 RUSS BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4332

SAN FRANCISCO
June 3, 1964

JUN 1964

Mr. Paul Fillo, Acting Field Officer
Office of Minerals Exploration
450 Golden Gate Avenue, Box 36012
San Francisco, California 94102

Re: OME 6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170 (June 27, 1963)

Dear Mr. Fillo:

Enclosed are your copies of Rescission of OME Exploration Contract signed by our President, Walter A. Stinson. We hope that the Application now pending before the Office of Minerals Exploration is approved, and that it can be followed through and will develop into profitable production.

We have appreciated all of your cooperation in the past.

Very truly yours,

ORIGINAL SIXTEEN TO ONE MINE, INC.

By George P. Jansen
George P. Jansen, Secretary

GPJ/cs
(Encs.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
450 Golden Gate Avenue, Box 36012
San Francisco, California, 94102

OFFICIAL FILE COPY
O. M. E
RECEIVED May 26, 1964

DATE	INITIALS	CODE
5/28		~~800~~
		500

Mr. George F. Jansen, Secretary
Original Sixteen to One Mines, Inc.
1258 Russ Building
San Francisco 4, California

Re: OME-6306 (Gold)
Original Sixteen to One Mines, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170

Dear Mr. Jansen:

Enclosed are the original and four copies of a Rescission of OME Exploration Contract signed by the Acting Director for the Government.

If the proposed rescission is satisfactory to you, please sign and return the following copies to this office:

Government's copy
Fiscal Section's copy
Audit's copy
Field Officer's copy

You should retain the operator's copy

Sincerely yours,

PAUL V. FILLO

Paul V. Fillo
Acting Field Officer
OME, Region II

Enclosures

cc
Chief, Division of Field Operations, OME, Washington, D. C.

OFFICIAL FILE COPY

Date	Surname	Code
	Griswold	500
5/21	Talbot	800
	GLS	130
"	Johnson	110
		100
5/21	Cal	220
		500

MAY 21 1964

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

With reference to your May 6 memorandum and ours of May 15 to you, we are enclosing the original and four copies of a Rescission of OME Exploration Contract signed by the Acting Director for the Government. Also enclosed is an extra copy for field use.

If the proposed rescission is satisfactory to you and the Operator, all five copies should be signed by an authorized representative of the Operator. Thereafter, please distribute the copies in the usual manner.

George C. Selfridge (gla)

Enclosures

WRGriswold/mm
5/21/64
cc: Director's Reading File
Review Committee
Docket

8623

15/64

~~500~~
100
500

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

RESCISSION OF OME EXPLORATION CONTRACT

It is agreed this _____ day of _____, 1964, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, and Original Sixteen to One Mines, Inc., parties to that certain Exploration Contract No. 2170, (OME-6306), dated June 27, 1963, that said contract is hereby rescinded, revoked, and cancelled as of the date thereof, without any obligations whatever one party to the other, the same as if the contract had never been entered into.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____
Acting Director, Office of Minerals Exploration

_____
Operator

By _____

Title _____

MME Fo
(10-58

OFFICIAL FILE COPY

Date	Surname	Code
	Griswold	500
5/14	Talbot	800
	Selfridge	130
5/14	[illegible]	110
	[illegible]	100
5/15	[illegible]	220
		500

MAY 15 1964

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

We have your May 6 memorandum, with attachment, covering this company's change of thought. You may therefore advise this Operator that we will prepare a mutual agreement for rescinding the contract with no Government funds having been expended.

If this company applies for assistance on the Red Star project, their application, of course, will be given careful consideration.

George C. Selfridge (gla)

WRGriswold/mm
5/14/64
cc: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
450 Golden Gate Avenue, Box 36012
San Francisco, California, 94102

OFFICIAL FILE COPY
May 6, 1964
RECEIVED MAY 11 1964

DATE	INITIALS	
5/11		800
		120
		500

Memorandum

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170

Enclosed is a copy of a letter from the subject operator requesting their contract work on Bald Mountain claim Group be terminated or possibly be held in abeyance while another projection on the Red Star claims, adjacent to the Original Sixteen to One property, is being contemplated for OME assistance.

The above subject contract is truly an exploratory program with real merits; but, if the operator wishes to terminate the program, then this office recommends termination. ?

The last sentence of the first paragraph of the operator's letter is a "laugh." Presently, they are working 13 men at the Original Sixteen to One mine and as I understand it, in the past couple of weeks, they did hit a $60,000 pocket.

Kindly advise your decision on their request. As I understand it, an OME application is in preparation and will be submitted soon for exploratory work on the Red Star claims.

Paul V. Fillo
Paul V. Fillo

Enclosure

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

ORIGINAL SIXTEEN TO ONE MINE, INC.

PROPERTIES LOCATED AT
ALLEGHANY, SIERRA COUNTY
CALIFORNIA

1258 RUSS BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4332

SAN FRANCISCO

April 28, 1964

APR 1964
BUREAU OF MINES
OFFICE OF
MINERALS EXPLORATION
RECEIVED

Mr. Paul V. Fillo
Acting Field Officer
Office of Minerals Exploration
555 Battery Street
San Francisco, California 94111

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Dear Mr. Fillo:

As you know, very little work was done on the Bald Mountain project, and no claim was filed for contribution under the existing OME contract. The preliminary work accomplished in the crosscut and the geologic structures exposed indicated that the amount of expenditure contemplated by the agreement would be insufficient to complete the project in the opinion of the management of the Original Sixteen to One Mine, Inc. Though the project seems to be desirable, the Original Sixteen to One Mine does not feel that it is in a position to undertake a project of this magnitude at the present time.

Meanwhile, the management of the company feels that there is a more desirable project which could be undertaken in the immediate future and hopes that the existing OME contract can be modified, terminated, or perhaps held in abeyance while the other project is being undertaken.

The contemplated project is on the Red Star claims adjacent to the Original Sixteen to One property. The Red Star claims are owned by Tightner Mines Company. The Original Sixteen to One Mine owns approximately 96% of the issued and oustanding stock of Tightner Mines Company, and has entered into a lease agreement with Tightner Mines Company for the contemplated project. In the opinion of the management of the Original Sixteen to One Mine, the Red Star project is very desirable. It could be undertaken without a separate crew and without the problems of transportation

involved in the Bald Mountain project. It appears to be a more desirable short-term project, and can be completed for approximately the same cost as was anticipated for the Bald Mountain project.

An application for a new loan or modification is in the process of preparation, and can be submitted within a matter of about two weeks. This company hopes that your office can see the merit of the proposals set forth in this letter, and requests the benefit of your advice as to whether this procedure is acceptable, and, if so, what would be the most expeditious way of getting under way. We would be pleased to have a meeting with you at your convenience, and thank you again for all the assistance you have given us.

Very truly yours,

George F. Jansen

GEORGE F. JANSEN
Secretary

GFJ/cs

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco, California, 94111

OFFICIAL FILE COPY
O. M. E
RECEIVED MAR 31 1964

Memorandum

March 24, 1964

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170

The subject mine office was visited March 20, 1964, in Alleghany, California. Presently, the OME contract work in Forest City is recessed until May 15, 1964, at which time the company will continue its crosscut work to the projected location of the Copeland vein.

The company mine, Original Sixteen to One, in Alleghany has resumed its mining operation and has hired approximately ten miners to mine it high-grade ore pockets above the 1500-ft. level.

Paul V. Fillo

Paul V. Fillo

ee:
Chief, Division of Field Operations, OME, Washington, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco, California, 94111

Memorandum

February 5, 1964

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170

Enclosed are the original and two copies of Amendment No. 2 of the above subject contract properly executed by the operator.

The remaining copies of the Amendment No. 2 have been distributed in the usual manner.

Paul V. Fillo

Paul V. Fillo

Enclosure

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

OFFICIAL FILE COPY
O. M. E
RECEIVED FEB 10 1964

DATE	INITIALS	CODE
2/10	Murphy	500

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco, California, 94111

OFFICIAL FILE COPY
O. M. E
RECEIVED FEB 3 1964

DATE	INITIALS	CODE
January 30, 1964		
2/3		800
		500

Mr. George F. Jansen, Secretary
Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Dear Mr. Jansen:

Enclosed are the original and four copies of a proposed Amendment No. 2 to the reference contract signed by the Acting Director for the Government.

If the proposed amendment meets with your approval, please sign and return the following copies to this office:

Government's copy
Fiscal Section's copy
Audit's copy
Field Officer's copy

You should retain the operator's copy.

Sincerely yours,

Paul V. Fillo
Acting Field Officer
OME, Region II

Enclosures
cc:
Chief, Division of Field Operations, OME, Washington, D. C.

OFFICIAL FILE COPY

Date	Surname	Code
1/14	Murphy	500
1/14	Lodhuff	800
	GCS	130
1/17	Johnson	410
	[illegible]	100
1/20	CAC	220
		500

SOLICITOR

JAN 15 1964

INTERIOR DEPT.

JAN 20 1964

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

FROM SOLICITOR

Subject: OMM-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

JAN 17 1964

FOR SIGNATURE

In accordance with our memorandum of December 12, 1963, enclosed are the original and four copies of Amendment No. 2, signed by the Acting Director for the Government. Also enclosed is an extra copy for field use.

If the proposed amendment is satisfactory to you and the Operator, all five copies should be signed by an authorized representative of the Operator. Thereafter, please distribute the copies in the usual manner.

If any part of the proposed amendment does not have your approval or that of the Operator and cannot be altered within your delegated authority, the original and all copies are to be returned to this office together with the proposed changes for consideration.

George C. Selfridge (gla)

Enclosures

MMerrithew/mm
1/14/64
cc: Director's Reading File
Review Committee
Docket

43683

4. It is the essence of this amendment* that the work be resumed before the termination of the period herein fixed for suspension, and be completed before the termination of the period fixed for completion, and if not so resumed and completed in the manner required by the contract, the following provisions shall thereupon become effective:

*NOTE: Some of our amendments use the word "amendment" instead of the word "contract". Which word should be used? "amendment"

Government's Copy

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

AMENDMENT NO. 2

It is agreed this _____ day of _____, 1964, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government" and the Original Sixteen to One Mine, Inc., hereinafter referred to as the "Operator" that Exploration Contract No. 2170 (OME-6306), dated June 27, 1963, as amended, is further amended effective November 15, 1963, as follows:

1. (a) The work suspension period fixed in Amendment No. 1 is extended to May 15, 1964.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government.

(c) The Government shall not contribute to any costs of rehabilitation or repair which in its opinion would not have occurred if there had been no suspension of the work.

(d) The Operator, at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

2. The time fixed by Article 1 of the contract for completion of the work is extended from 12 months to 24 months from the date of the contract.

3. The maximum period for royalty payments and for the lien to secure payment thereof provided for in the contract is extended from ten (10) years to eleven (11) years from the date of the contract.

4. It is the essence of this contract that the work be resumed on or before the termination of the period herein fixed for suspension, and if not so resumed, in the manner required by the contract, the following provisions shall thereupon become effective.

Note: The Government contributed to any costs, see Report memo TRS 20, [illegible]

~~800~~
120
500

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

AMENDMENT NO. 2

It is agreed this _____ day of _____, 1964, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government" and the Original Sixteen to One Mine, Inc., hereinafter referred to as the "Operator" that Exploration Contract No. 2170 (OME-6306), dated June 27, 1963, as amended, is further amended effective November 15, 1963, as follows:

1. (a) The end of the work suspension period fixed in Amendment No. 1 is extended to May 15, 1964.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government.

(c) The Government shall not contribute to any costs of rehabilitation or repair which in its opinion would not have occurred if there had been no suspension of the work.

(d) The Operator, at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

2. The time fixed by Article 1 of the contract for completion of the work is extended from 12 months to 24 months.

See revise

3. The maximum period for royalty payments and for the lien to secure payment thereof provided for in the contract is extended from ten (10) years to eleven (11) years.

4. It is the essence of this contract that the work be resumed on or before the termination of the period herein fixed for suspension, and if not so resumed, in the manner required by the contract, the following provisions shall thereupon become effective.

(a) The contract and all obligations of the parties thereunder, except as hereinafter otherwise provided, shall be and are hereby terminated as follows:

(i) Effective September 15, 1963, if the work has not been resumed on or before May 15, 1964.

(ii) Effective June 27, 1965, if the work has been started ~~XXXXXXXXXXXXXXXXXXXXX~~ but not completed on or before that date

(b) The Government will contribute only to allowable costs incurred prior to the relevant date set forth in 2(a) above.

(c) The Operator shall promptly perform all winding-up settlement actions provided for in the contract, including the rendering of the final report and final account.

(d) The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to retain its interest in the land), shall pay to the Government the royalty provided for in the contract in the same manner and amount, for the same period, and subject to the same provisions as provided for in the contract as amended herein as if a certification of possible production had been made, such certification being hereby waived by the Operator. In addition, all rights of the Government provided for in the contract with respect to a certification of possible production, percentage royalty and liens to secure payment thereof, reports (including preservation of Operator's records), accounts, audits, and the right to recover any overpayments are hereby preserved.

(e) The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of the contract, except as provided for in this Amendment No. 2.

This amendment shall not be construed to increase the estimated total cost of the contract, the aggregate amount which the Government may be required to contribute, nor the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____
Acting Director, Office of Minerals Exploration

ORIGINAL SIXTEEN TO ONE MINE, INC.

By _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco, California, 94111

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 26 1963
DATE | INITIALS
On leave
Murphy

Memorandum

December 20, 1963

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Reference to your memorandum of December 12, 1963, the subject operator decided to defer its monthly voucher until next spring when the company will be in operation and proceed aggressively with its OME contract.

Augusta Malon
For: Paul V. Fillo

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco, California, 94111

Memorandum

December 13, 1963

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine
Bald Mountain Mine
Sierra County, California
Contract 2170

Interim Inspection

On November 20, 1963, a meeting was held with Wilford Hart, mine superintendent for the subject company. I was advised that the operator is considering to recess their OME contract until next spring on account of the company is being reorganized and they hope to have new personnel in the field operating their mine holdings.

Right now, all their supervisors except for Mr. Hart are over 70 years old. The Company is looking for "young" personnel to operate their property. Weather is another factor they have against them.

The operator was advised to submit a letter requesting amendment to extend their recess to May 15, 1964.

Augusta Nealon
For: Paul V. Fillo

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 16 1963

DATE	INIT	CODE
12/16		100
12/17	M Leonde	110
		120
12/17		800
12/19	Murphy	900

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
12/12	Murphy	500
12/12	McLeane	500
12/12	McLeane	800
"	[illegible]	130
"	Johnson	110
		100
12/12	cal	220
		500

DEC 12 1963

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

This is with reference to your memorandum of December 5, 1963, recommending an amendment to extend the recess period allowed under Amendment No. 1.

Please advise if the Operator has submitted a voucher for the work mentioned in your memorandum of September 16, 1963. If it has, we will include a provisional certification of possible production in the proposed amendment.

George C. Selfridge (gla)

FMMurphy/mm
12/12/63
cc: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco, California, 94111

December 5, 1963

Memorandum

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Enclosed is a copy of a letter from the subject operator. It is recommended their request for additional recess be granted due to the difficulties they had encountered, and if they continue their contract, the winter months will be rough in operating.

Paul V. Fillo

Paul V. Fillo

Enclosure

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 10 1963

DATE	INITIALS	CODE
12/10	[illegible]	800
	Murphy	500

ORIGINAL SIXTEEN TO ONE MINE, INC.

PROPERTIES LOCATED AT
EGHANY, SIERRA COUNTY
CALIFORNIA

1258 RUSS BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4332

SAN FRANCISCO

November 27, 1963

Mr. Paul V. Fillo
Acting Field Officer
Office of Minerals Exploration
555 Battery Street
San Francisco, California 94111

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group - Sierra County, Calif.
Contract 2170

Dear Mr. Fillo:

As you know, we have encountered some difficult problems on the Bald Mountain Project.

First, the Bald Mountain Area is inaccessible during the winter months because of snow. If we were to work this area during the winter most of the time of the men would be spent trying to keep the road open. Second, we have been unable to get competent employees to do the exploration work. As you know, our wage rate does not compare favorably with other jobs in the area, and the best workers gravitate to jobs which pay more. Third, our acting superintendent, Mr. Hart, has recently had an accident which hospitalized him for a substantial period of time. He is still disabled and has not returned to his duties as yet. We hope that he will resume his duties in the near future; however, in the meantime we have no one to supervise any exploratory operations.

With these three factors in the background, we respectfully request another recess under our contract until not later than May 15, 1964. We believe that by then we can have our house in order and proceed aggressively on a positive program.

Your favorable attention to this request will be greatly appreciated.

Very truly yours,

GEORGE F. JANSEN
Secretary

GFJ/cs
cc: Messrs. Stinson and Bennett

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
[illegible] Battery [illegible]
San Francisco, California [illegible]

AIR MAIL

November 12, 1963

Memorandum

To: [illegible] Washington, D. C.

From: Acting [illegible], OME

Subject: [illegible]

I am planning to [illegible] through November 24, 1963:

November 15	Inter. Inspection	[illegible] Eureka
16	" "	[illegible] Bullfrog Gold Corp.
17	Reno, Nevada	
18	Inter. Inspection	[illegible] Dickey Exploration
19	" "	[illegible] Consolidated Allegheny Mines
20	" "	[illegible] Inc. and Orig. 16 to 1
21	" "	[illegible] Stewart, Sr.
22	" "	[illegible] Alluvial
23 or 24	Return to San Francisco	

[illegible]

cc:
Chief, Division of Field Operations, OME, Washington, D. C.
Donald R. Irvin, Acting Assistant Area Director, Area VI, Mineral Resources Office

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco, California, 94111

October 31, 1963

Mr. George F. Jansen, Secretary
Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco, California

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Dear Mr. Jansen:

Enclosed is your copy of Amendment No. 1 of your contract for your file.

Sincerely yours,

PAUL V. FILLO

Paul V. Fillo
Acting Field Officer
OME, Region II

Enclosure

cc:

Chief, Division of Field Operations, OME, Washington, D. C.

RECEIVED NOV 8 1963		
DATE		
11/8	[illegible]	800
11/8	Murphy	500

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco, California, 94111

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 4 1963

DATE	INITIALS	CODE
~~October~~ 31, 1963		
11/4	Murphy	500

Memorandum

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Enclosed are the original and two copies of Amendment No. 1 of the above subject contract.

The remaining copies of the Amendment No. 1 have been distributed in the usual manner.

Paul V. Fillo

Paul V. Fillo

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco, California, 94111

October 29, 1963

Memorandum

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

While I was in the Alleghany area, I visited the subject mine office; and Mr. C. A. Bennett, mine manager, felt they should be back on their crosscut work by November 15.

Paul V. Fillo

Paul V. Fillo

cc:

Chief, Division of Field Operations, Washington, D. C.

OFFICIAL FILE COPY
O. M. E
RECEIVE NOV 4 1963

DATE		CODE
11/5		800
	Murphy	500

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
10/23	Murphy	500
10/23	Van Lente	500
10/23	Talbot	800
10/24	Selfridge	130
"	Johnson	110
"	Stimpson	100
10/28	Cole	220
		500

OCT 24 1963

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

In response to your memorandum of October 18, 1963, you will note that amendment No. 1 is to be executed by you as it is within your delegated authority to sign such amendments. After signing the enclosed copies of the amendment, kindly make the usual distribution.

Enclosures

FMMurphy/mm
10/23/63
cc: Director's Reading File
Review Committee
Docket

George C. Selfridge

(GCS)

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco 11, California, 94111

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 22 1963

DATE	INITIALS	CODE
		120
10/22		500

October 18, 1963

Memorandum

To : Chief, Division of Field Operations, OME, ~~Washington, D. C.~~

From : Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Enclosed are the original and four copies of Amendment No. 1 of the above subject contract signed by the operator. Also we are enclosing a copy of a letter dated October 17, 1963, from the operator for your files.

After the Amendment is signed by the Director and dates inserted, please return our copy and the operator's copy to us.

Paul V. Fillo

Paul V. Fillo

Enclosures

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

ORIGINAL SIXTEEN TO ONE MINE, INC.

PERTIES LOCATED AT
HANY, SIERRA COUNTY
CALIFORNIA

1258 RUSS BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4332

SAN FRANCISCO

October 17, 1963

OCT 1963
BUREAU OF MINES
OFFICE OF
MINERALS EXPLORATION
REGION II

U.S. Department of Interior
Office of Minerals Exploration
555 Battery Street
San Francisco, California 94111

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170

Attn: Mr. Paul V. Fillo, Acting Field Officer

Dear Mr. Fillo:

Enclosed is original and four copies of the proposed Amendment No. 1 to the above OME Contract. All copies have been signed by Walter Stinson, President.

We are still having trouble finding experienced employees because of the other mining activity. In addition, it will not be long until snow is piled high and blowing in the mountains. However, I am sure that all concerned will do the best they can in the circumstances.

Very truly yours,

GEORGE F. JANSEN

GFJ/cs
(Encs.)

Murphy

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco 11, California, 94111

October 16, 1963

AIRMAIL

Memorandum

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: Proposed Field Trip

I am planning to conduct the following field work from October 21 through October 27, 1963.

Interim inspection	Sixteen to One	OME 6306 (Gold)
" "	Seven Aces	OME 6256 (Gold) - Rickey
" "	Consolidated Alleghany	OME 6253 (Gold, Silver)
" "	Cameron Mine	OME 6201 (Gold) Armon Segeckert
" "	Comeback Mine	OME 6167 (Gold, Platinum)
Field examination	American Gladstone mines	OME 6315 (Gold) Calif Alluvial Nagel Exploration
" "	Halcyon Mine - Austin Merrill	

Paul V. Fillo
Paul V. Fillo

cc
Chief, Division of Field Operations, OME, Washington, D. C.

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 17 1963

DATE	INITIALS	CODE
10/18		~~120~~
		800
~~10/21~~	~~Zmm~~	~~500~~

Cy to 120

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California, 94111

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 17 1963

DATE	INITIALS	CODE
10/18	[illegible]	800
10/18	Murphy	500

October 17, 1963

Mr. C. A. Bennett
224 High Street
Nevada City, California

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract No. 2170

Dear Mr. Bennett:

Enclosed are the original and four copies of a proposed Amendment No. 1 to the reference contract.

If the proposed Amendment meets with your approval, please sign and return the original and four copies to this office as Mr. Fillo, who is out of the city at present, has not signed the amendment.

If any part of the proposed amendment does not have your approval, please return all copies together with the proposed changes for consideration.

Sincerely yours,

A. NEALON

For: Paul V. Fillo
Acting Field Officer
OME, Region II

Enclosures

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
10/2	Murphy	500
10/2	Deane	500
10/4	Talbert	800
	GCS	130
10/2	Johnson	110
	Ernst	100
10/2	Coe	220
		500

OCT 8 1963

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

In accordance with our memorandum of September 24, 1963, enclosed are the original and four copies of Amendment No. 1, prepared for your signature. Also enclosed is an extra copy for field use.

If the proposed amendment is satisfactory to you and the Operator, all five copies should be signed by you and an authorized representative of the Operator. Thereafter, please distribute the copies in the usual manner.

If any part of the proposed amendment does not have your approval or that of the Operator and cannot be altered within your delegated authority, the original and all copies are to be returned to this office together with the proposed changes for consideration.

George C. Selfridge (gla)

Enclosures

MMerrithew/mk
10/2/63
cc: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California, 94111

10/7 US
September 30, 1963
800
Murphy 500

Mr. C. A. Bennett
224 High Street
Nevada City, California

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Dear Mr. Bennett:

Amendment No. 1 of your contract is in preparation in our Washington office, allowing a recess period starting September 15 and ending on or before November 15, 1963.

Our Legal Division has a large workload so it may be two or more weeks before you will receive the amendment.

Sincerely yours,

Paul V. Fillo
Acting Field Officer
OME, Region II

PVF:an

cc:
Chief, Division of Field Operations, OME, Washington, D. C

DRAFT
FMMurphy/mm
9/25/63

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6306

AMENDMENT NO. I

It is agreed this _____ day of _____, 1963, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government" and the Original Sixteen to One Mine, Inc., hereinafter referred to as the "Operator" that Exploration Contract No. 2170 (OME-6306), dated June 27, 1963, is amended effective September 15, 1963, as follows:

1. (a) Work under the contract shall be suspended during the period beginning September 15, 1963, and ending not later than November 15, 1963.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government.

(c) The Government shall not contribute to any costs of rehabilitation or repair which in its opinion would not have occurred if there had been no suspension of the work.

(d) The Operator, at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate amount which the Government may be required to contribute, nor the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____
Director, Office of Minerals Exploration

Field Bennett

ORIGINALSXXXXX TO ONE MINE, INC.

By _____

Title _____

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
9/23	Murphy	500
9/23	O'Neare	500
9/23	Talbot	800
	GCS	130
9/23	Johnson	110
	[illegible]	100
9/24	Coe	220
		500

SEP 24 1963

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: CME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

With reference to your memorandum of September 16, 1963, we will prepare an Amendment No. 1 allowing a recess period starting September 15, and ending on or before November 15, 1963.

Our legal division has a large workload so it may be two or more weeks before we can mail the amendment to you. Therefore, it is suggested that you advise the Operator that its request will be granted effective the above dates.

George C. Selfridge (gla)

FMMurphy/mm
9/23/63
cc: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California, 94111

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 20 1963

DATE	INITIALS	CODE
9/20	[illegible]	800
		120
	OME, Washington,	D. C.
	Murphy	500

September 16, 1963

Memorandum

To : Chief, Division of Field Operations

From : Acting Field Officer, OME, Region II

Subject: OME 6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Enclosed is a copy of a letter from the subject operator requesting an amendment to the contract to recess the project for a period up to sixty days.

This office approves their request and recommends an amendment be prepared. Justifications as mentioned in their letter warrant a short recess.

Paul V. Fillo

Paul V. Fillo

Enclosure
cc:
Chief, Division of Field Operations, OME, Washington, D. C.

ORIGINAL SIXTEEN TO ONE MINE, INC.

PROPERTIES LOCATED AT
ALLEGHANY, SIERRA COUNTY
CALIFORNIA

1611 RUSS BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4332

SAN FRANCISCO

September 13, 1963

SEP 1963
BUREAU OF MINES
OFFICE OF
REGION II

Mr. Paul Fillo, Acting Field Officer
Office of Minerals Exploration
555 Battery Street
San Francisco, California 94111

Re: Contract 2170

Dear Mr. Fillo:

We have discussed the reasons why the Original Sixteen to One Mine has not been able to make the progress that it would like to under its exploration program covered by the OME loan. Among the contributing factors causing the problem is the fact that two of our employees are in the hospital in Grass Valley, and another just left the company for a new position. We have not been able to hire experienced miners. In addition there have been some problems in the main shaft of the mine which are requiring the attention of the few employees we have to do the work.

We have hopes of getting a few additional employees in the near future who can devote their time to the Bald Mountain Project. We are, however, concerned with our inability to make more rapid progress on the project. We are not sure how rapidly we are required to perform under our loan agreement. Accordingly, we are requesting a recess in the performance of our contract for a period up to sixty days. If we can find satisfactory employees we want to proceed prior to the expiration of the recess period.

Consideration of this request will be greatly appreciated.

Very truly yours,

GEORGE F. JANSEN
Secretary

GFJ/cs

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco 11, California 94111

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 20 1963

DATE	INITIALS	CODE
9-20		100
		120
9/20		800
	Murphy	500

September 16, 1963

Memorandum

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject : OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Interim Inspection

The property was inspected September 5, 1963, accompanied by Mr. Bennett, mine manager. The mining operation consisted of rehabilitation work on the haulage tunnel and the start of crosscut work. The rehabilitation work is completed; approximately six sets were replaced in the caved area and another twelve sets were replaced in the main haulage level with track maintenance.

The crosscut work was advanced 50 feet through small faults and fractured area of the Tightner formation of the Calaveras Series, and approximately 10 feet below the gravel channel. In another 10- to 20 feet the crosscut will have a full face of serpentine.

A small quartz vein of 12 inches was cut approximately 40 feet from the starting point. Mr. Hart (foreman) said, "A panning of the narrow quartz vein showed colors."

In reviewing map No. 5 of the operator's application, it appears the structure could be a remnant of the Scott ledge upon projecting south from the old workings.

Mr. Bennett mentioned they were having labor shortage due to sickness, injuries, and quitting; and he was thinking about possibly a recess of 30 days would be in order. He was advised to submit a letter of request for an amendment to recess the project for 30 days.

Paul V. Fillo

Paul V. Fillo

cc
Chief, Division of Field Operations, OME, Washington, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco 11, California, 94111

AIRMAIL

August 28, 1963

Memorandum

To: Chief, Division of Field Operations, OME, Washington, D. C.

From: Acting Field Officer, OME, Region II

Subject: Proposed Field Trip

I am planning to conduct the following field work from September 3 through September 10.

Final Field Examination, Gold Canyon Mine OME-6193 (Gold)

" " " Anvil Liberty Mine OME-6187 (Gold)

Interim Inspection,	Seven A property,	OME-6256	(Gold)
" "	Gold King Mine	OME-6278	(Gold)
" "	Sixteen to One Mine	OME-6305	(Gold)
" "	Best Mine	OME-6204	(Gold)
" "	Cameron Mine	OME-6201	(Gold)
" "	Comeback Mine	OME-6167	(Au, Pt.)

Paul V. Fillo

Chief, Division of Field Operations, OME, Washington, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California

July 9, 1963

Memorandum

To: Chief, Division of Field Operations, OME, Washington, D. C.

From: Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Interim Inspection

OFFICIAL FILE COPY
RECEIVED JUL 11 1963

DATE		CODE
7-11		100
7/11		110
		120
7/11		800
7/12		500

The mine was inspected June 27, 1963, accompanied by Mr. Hart, mine superintendent for Original Sixteen to One Mine, Inc.

The starting point for the new contract was established, and it appears that they will start their crosscut on a bearing N. 75 E. for 400 feet.

The company will first replace drift sets and clean-up a small caved area in order to have a haulageway open for tramming.

Mr. Hart felt that the company with a full crew will get started right after the fourth of July.

Miss Augusta Meadon

For: Paul V. Fillo

CC:
Chief, Division of Field Operations, OME, Washington, D. C.

orm 7
8)

OFFICIAL FILE COPY

Date	Surname	Code
6/27	Murphy	500
6/27	Oberlander	500
	Selfridge	120
6/28	Johnson	110
4.	[illegible]	100
6/28	[illegible]	220
		500

JUN 28 1963

Mr. Walter A. Stinson
President
Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California

Re: OMZ-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California
Contract 2170

Dear Mr. Stinson:

Thank you for your letter of June 24 enclosing the original and four copies of the referenced contract, signed by you for the corporation.

The starting date of August 1, 1963, has been inserted on all copies, and we are enclosing an executed copy for your file.

Sincerely yours,

George Fumich, Jr.

Director

Enclosure

MMerrithew/mm
6/27/63
cc: Director's Reading File
Region II (2) with 2 copies of incoming letter, Field Office copy and an extra copy of the contract
Docket

43683

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 26 1963

DATE		
		100
6/26		110
		120
		~~[illegible]~~
		300

JUN 26 6 50 AM '63
GSA-REGION 3
TCS
COMMUNICATIONS

XXXB162K

060WWAF FSFF 26 I-BOM

SAN FRANCISCO CALIF 6-25-63 1147U

ORGE FUMICH, JR., DIR

OFFICE OF MINERALS EXPLORATION ~~BOM~~ DEPT OF THE INTERIOR WASHINGTON DC

SIXTEEN TO ONE CONTRACT SIGNED BY SECRETARY WAS MAILED TO MINE FOR RESIDENT'S SIGNATURE. CONTRACT WILL BE AIRMAILED SPECIAL DELIVERY EDNESDAY FROM MINE TO WASHINGTON

MISS AUGUSTA NEALON FOR PAUL V FILLO

VJB 1152U

Okay.

Prepare draft 3 press release BK

ORIGINAL SIXTEEN TO ONE MINE, INC.

PROPERTIES LOCATED AT
ALLEGHANY, SIERRA COUNTY
CALIFORNIA

1258 [redacted] RUSS BUILDING
SAN FRANCISCO 4, CALIFORNIA
TELEPHONE DOUGLAS 2-4332

SAN FRANCISCO

June 24, 1963

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 27 1963

DATE	INITIALS	CODE
	Murphy	500

Chief, Division of Field Operations
Office of Minerals Exploration
U. S. Department of the Interior
Washington 25, D. C.

Re: OME-6306 (Gold)
Original Sixteen to One Mine, ~~Inc.~~
Bald Mountain Claim Group
Sierra County, California

Dear Sir:

Enclosed are the original and four copies of proposed exploration contract which have been executed in accordance with instructions received.

We have been advised that the mine may start work on this exploration at its own risk on or after July 1, 1963. We have also been advised that the 6 per cent interest accrues from the date on which individual payments are made by the government, and that the interest, like the principal, is repayable from royalty on production.

When the contract is executed in Washington we assume that you will want to insert on the top line of the contract the date of signature. A blank appears in Article I (a) as to time when the operator shall begin work. The operator will begin work on or before August 1, 1963, and if such date is required in the contract we ask that you insert it.

Under Article I (c), the rate of interest is left blank. As indicated above, it is our understanding that the rate will be inserted here as being 6 per cent.

Please be assured of our complete cooperation throughout this project.

Very truly yours,

Walter A. Stinson

WALTER A. STINSON
President

cs

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 28 1963

DATE	INITIALS	
		500
June 24, 1963		

Memorandum

To: Chief, Division of Field Operations, OME, Washington, D. C.

From: Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California

Sixteen to One contract was received today and was delivered to Mr. Jansen, who said that he would call Mr. Stinson who, he thought, would come to San Francisco tomorrow to sign it.

As soon as it is signed by Mr. Stinson and him, he (Mr. Jansen) would forward it to your office via airmail.

After the contract is signed, Mr. Jansen will call this office and I shall send a wire to Mr. Fumich, Jr.

Miss Augusta Mealon
For: Paul V. Fillo

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 28 1963

DATE	INITIALS	CODE
		560

June 24, 1963

Mr. George J. Jansen, Secretary
Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California

Dear Sir:

Enclosed are the original and four copies of a proposed exploration contract with the Original Sixteen to One Mine, Inc. The contract consists of MME Form 51 (Short Form) (6 pages), Annex 1 (2 pages), Exhibit A (3 pages), Exhibit B (1 page), and two maps, Figure 2 and Figure 3. Also enclosed is an Extra Copy.

Washington advises the Applicant that it may start the work at its own risk on or after July 1, 1963, and that the 6 per cent interest accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

If the proposed contract meets with your approval, please sign and forward all copies to Washington in the enclosed self-addressed stamped envelope.

Sincerely yours,

A. NEALON

For: Paul V. Fillo
Acting Field Officer
OME, Region II

Enclosures

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/17	Murphy	500
6/17	on leave	500
6/17	Talbert	800
6/17	on leave	130
"	Johnson	110
"	Smith	100
6/17	cal	220
		500

JUN 17 1963

Memorandum

To: Acting Field Officer, Region II

From: Acting Chief, Division of Field Operations

Subject: OMZ-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California

Enclosed are the original and four copies of a proposed exploration contract with the Original Sixteen to One Mine, Inc. The contract consists of MME Form 51 (Short Form) (6 pages), Annex I (2 pages), Exhibit A (3 pages), Exhibit B (1 page), and two maps, Figure 2 and Figure 3. Also enclosed for your use is an "Extra Copy for Field Office."

If the contract is satisfactory to you and the Applicant, kindly have an authorized member of the corporation sign the original and four copies. Then return all the signed instruments to this office for the signature of the Director. You may advise the Applicant that it may start the work at its own risk on or after July 1, 1963.

Please advise the Applicant that the 6 percent interest accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

S/Fred M. Murphy
mm

Enclosures

FMMurphy/mm
6/17/63
cc: Director's Reading File
Review Committee
Docket

43683

DMEA FORM 6 REFERENCE SLIP

REV. 12-[illegible]6 DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO:	INITIALS	DATE
1. ~~Associate Solicitor, 6042~~		
2. Mr. Murphy, Rm. 4455		
3.		
4.		
5.		
FROM: F. M. Murphy		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

C✓

INTERIOR DEPT.
JUN 11 1963
SOLICITOR

FROM SOLICITOR

JUN 13 1963

FOR SIGNATURE

INT.-DUP. SEC., WASH., D.C. M8278

~~800~~
~~120~~
500

MME Form 51
Feb. 1959

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

EXPLORATION CONTRACT
(Short Form)

Docket No.	Commodity	Contract No.	County	State
OME -6306	Gold	14-23-090-	Sierra	California

It is agreed _____ (Date), between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government," and

~~Original Sixteen to One Mine, Inc., a California corporation~~

_____,

whose mailing address is 1258 Russ Building, San Francisco 4, California, hereinafter called the "Operator," as follows:

ARTICLE I. Authority and scope.--(a) This contract, entered into under the authority of Public Law 701, 85th Cong., 2d sess. (72 Stat. 700; 30 U.S.C. § 641 - 646), consists of this form, the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed. The work is a search for new or unexplored deposits of the commodity designated above. The Operator shall begin the work on or before _____ (Date), and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 12 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the work is $ ~~46,600.00~~ 46,600.00. The Government will contribute 50 percent of the total fixed unit costs of the work performed, not in excess of $ ~~23,300.00~~ 23,300.00 in accordance with the provisions of Articles 4 and 5.

(c) Interest computation.--Simple interest computed annually at the rate of _____ percent shall accrue from the dates Federal funds are made available until the period specified for payment of royalty expires, or until the amount of Federal funds contributed is fully repaid with interest.

(d) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. Operator's rights in land.--(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's right of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances:

None

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Lien Agreement of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached as follows:

None

(Note-See maps in on-site report-Jayson)

(c) The Operator shall preserve and maintain his right, title, or interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a royalty on production and liens for the payment thereof. Two true copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. Performance of the work.--(a) Operator's responsibility.--The work shall be performed diligently, efficiently, in a workmanlike manner in accordance with good mining standards, and in compliance with State laws governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work as specified in Article 1(a).

(b) Government may inspect.--The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract and production operations during the period that royalty is payable to the Government. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. Contribution by the Government.--The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5(b), but all payments by the Government are provisional only, subject to audit. Until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been received, the Government may withhold such sums as are necessary to protect its interests. To the extent that amounts in excess of fixed unit costs or in excess of the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such amounts for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. Reports, accounts, audits.--(a) Operator's records.--The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) Monthly reports.--The Operator shall provide the Government with five copies of monthly reports in three sections as follows:

(1) Operator's Monthly Voucher claiming costs for work performed;

(2) Operator's Progress Report showing the number of units of the various types of work performed; and

(3) a narrative report of the work performed during the reporting period, including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground.

(Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) Final report.--Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) Report of sales.--The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's royalty relates, such as copies of smelter or concentrator settlement sheets and certified accounts of production and sale or other disposition of production.

(e) Compliance with requirements.--If the Government determines that any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the preparation or completion of same with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. Repayment by Operator.--(a) Certification.--If the Government considers that mineral or metal production from the land covered by the contract may be possible as a result of the exploration work, it shall so certify in writing to the Operator at any time not later than six months after a sufficient final report and final accounting (see Article 5) have been furnished.

(b) Royalty on production.--The Operator, whether or not the producer (for example, if the Operator either transfers or does not retain his interest in the land), shall pay to the Government a royalty on all minerals and metals mined or produced from the land as follows:

(1) irrespective of any certification of possible production--from the date of the contract until the lapse of the time within which the Government may issue such certification or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first; or

(2) if the Government issues a certification of possible production--for a period of ten years from the date of the contract or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first.

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the O~~perator~~'s gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrate, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business and shown as deductions on the buyer's settlement sheets (such as treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight payable by the buyer to a carrier (not the Operator)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator are deductible in arriving at the "gross proceeds" as that term is here used.

The term "treatment processes" means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(2) The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be.

(d) Unsold production.--If any production (ore, concentrate, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrate, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) Lien for payment.--To secure the payment of royalty (see Article 6(b)), the Operator hereby grants to the Government a lien upon his interest in the land and upon any production of minerals and metals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(f) Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Government, and this estimate shall be final and binding upon the Operator.

(g) No obligation to produce.--Nothing in this contract shall be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(h) Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals and metals mined or produced from the land.

ARTICLE 7. Termination of the Government's Obligations.--(a) If the Government determines that operations at any time have failed to achieve anticipated results and further work is not justified, the Government may give the Operator written notice thereof, and thereupon:

(1) the Government shall be free of all obligation to pay on account of units of work not then performed; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

(b) If the Government determines that the Operator is in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon:

(1) the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to royalty and liens to secure the payment thereof, and such rights shall be fully preserved.

(d) The determinations of the Government are subject to appeal under Article 11.

ARTICLE 8. Notices to be given by the Government may be delivered to the Operator or may be sent by certified mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. Officials not to benefit.--No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

See Article 14

ARTICLE 10. Nondiscrimination.--In connection with the performance of work under this contract, the Operator agrees not to discriminate against any employee or applicant for employment because of race, religion, color, or national origin. The aforesaid provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Operator agrees to post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the Government setting forth the provisions of the nondiscrimination clause.

The Operator further agrees to insert the foregoing provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.

ARTICLE 11. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, Office of Minerals Exploration, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, Office of Minerals Exploration, shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Operator mails or otherwise furnishes to the Director, Office of Minerals Exploration, a written appeal addressed to the Secretary. The decision of the Secretary or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence.

The term "Director, Office of Minerals Exploration," as used herein includes his duly authorized representative.

ARTICLE 12. Eight-Hour Law of 1912--Overtime compensation.--This contract, to the extent that it is of a character specified in the Eight-Hour Law of 1912, as amended (40 U. S. Code 324—326) and is not covered by the Walsh-Healey Public Contracts Act (41 U. S. Code 35—45), is subject to the following provisions and exceptions of said Eight-Hour Law of 1912, as amended, and to all other provisions and exceptions of said Law:

No laborer or mechanic doing any part of the work contemplated by this contract, in the employ of the Operator or any independent contractor contracting for any part of said work contemplated, shall be required or permitted to work more than eight hours in any one calendar day upon such work, except upon the condition that compensation is paid to such laborer or mechanic in accordance with the provisions of this clause. The wages of every laborer and mechanic employed by the Operator or any independent contractor engaged in the performance of this contract shall be computed on a basic day rate of eight hours per day; and work in excess of eight hours per day is permitted only upon the condition that every such laborer and mechanic shall be compensated for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay. For each violation of the requirements of this clause a penalty of five dollars shall be imposed for each laborer or mechanic for every calendar day in which such employee is required or permitted to labor more than eight hours upon said work without receiving compensation computed in accordance with this clause, and all penalties thus imposed shall be withheld for the use and benefit of the Government.

ARTICLE 13. Copeland (Anti-Kickback) Act--Nonrebate of wages.--The regulations of the Secretary of Labor applicable to contractors and subcontractors (29 CFR, Part 3), made pursuant to the Copeland Act, as amended (40 U. S. C. 276c) and to aid in the enforcement of the Anti-Kickback Act (18 U. S. C. 874) are made a part of this contract by reference. The Operator will comply with these regulations and any amendments or modifications thereof and will be responsible for the submission of affidavits required of independent contractors thereunder. The foregoing shall apply except as the Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions.

ARTICLE 14. Changes and added provisions.--

1. Article 10 is revised to read as follows:

Article 10. "Nondiscrimination. The provisions governing performance of work under Government contracts, as set out in Section 301 of the Executive Order 10925, dated March 6, 1961 (a copy of which is attached hereto as Exhibit [illegible] and by reference hereby incorporated and made a part of this contract), shall be applicable to this contract.

"In compliance with the Rules and Regulations (41 CFR, Section 60-1.3(a) issued under Executive Order 10925 of March 6, 1961), the Operator is hereby bound and agrees to include in each subcontract which it shall make with a subcontractor or supplier paragraphs (1) through (7) of Section 301 of said Executive Order, unless exempted pursuant to the rules, regulations, and relevant orders of the President's Committee on Equal Employment Opportunity.

"The Operator shall require each of its subcontractors (first tier) to include in every subcontract with each of its subcontractors (second tier) the following clause: The (here identify the second-tier subcontractor by name) shall incorporate by reference in each subcontract or purchase order with a subcontractor or supplier paragraphs (1) through (7) of Section 301 of Executive Order 10925 of March 6, 1961, unless exempted pursuant to the rules, regulations and relevant orders of the President's Committee on Equal Employment Opportunity."

(Insert)

ARTICLE 14. Changes and added provisions.--

_____

_____

_____

_____

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

_____
(Operator)

By_____

By_____

Title_____

I,_____, certify that I am the
(Name)

_____secretary of the corporation named as Operator herein; that

_____, who signed this contract on behalf of the Operator, was then
(Name)

_____of said corporation; that said contract was duly signed for
(Title)

and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

_____

[CORPORATE SEAL]

INT.-DUP. SEC., WASH., D.C. 52375

FMMurphy/mm
6/10/63
DRAFT

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO ONE MINE, INC.
OME-6206

ANNEX I

The land referred to in Article 2 of the contract consists of eighteen (18) unpatented placer and lode mining claims, including all rights pertaining thereto, in secs. 15, 21, 22, 23, 26, 27, and 28, T. 19 N., R. 10 E., M.D.M., Alleghany district, Sierra County, California. The claims are recorded in the records of the Sierra County Official Records, in Downieville, California, as follows:

Placer Claims	Book	Page
Bald Mountain	C (B & W)	499
Bald Mountain No. 2	Q (Placer)	410
Oregon Creek Tailings	B (B & W)	167
Parkman	C (B & W)	462
South Fork	D (B & W)	271-2
Lode Claims		
Amethyst	G (Quartz) G (Quartz)	201-2 224-6
Amethyst Extension	L (Quartz)	321
Blue Jay	U (Quartz)	42
Bullion	L (Quartz)	529
Butterfly	L (Quartz)	504
Honey Bee	L (Quartz)	528
Lady Bug	L (Quartz)	529
Mabel	L (Quartz)	321
Margaret	L (Quartz)	314

May Flower	K (Quartz)	453
North Star	J (Quartz)	310
Phoebe	L (Quartz)	315
Verde	L (Quartz)	355

The outer boundaries of the above-listed claims are shown outlined in green on map Figure 2, entitled, "Central Portion Alleghany Mining District, Sierra County, California."

The Operator is the owner of the claims.

DRAFT
FMMurphy
6/10/63

EXPLORATION CONTRACT
ORIGINAL SIXTEEN TO GNK MINE, INC.
GNK-6306

EXHIBIT A

The purpose of this project is to explore by means of drifting and crosscutting for gold-bearing ore bodies in the Copeland vein system which traverses the Tightner formation near its contact with various serpentine "dikes." These rock formations are considered to be of post-Carboniferous age.

General Provisions

Significantly mineralized areas traversed in the drifts shall be sampled by making a composite sample of the material in the cars loaded from each round broken. If the material is being milled a head sample may be substituted for car sampling.

Each sample shall be split as necessary and then assayed for gold. The Operator shall store one split in a suitable container properly identified as to location. The stored samples shall be made available for Government inspection and possible use. With prior Government approval, the Operator may dispose of the stored samples.

True copies of assay certificates shall be ~~XXXXXXXXXX~~ submitted with the Operator's monthly progress report which shall also include a map or sketch showing the work completed during the reporting period, general geology of the rock formations traversed, and the location and values of the samples. In addition the Operator shall report the weight and assay value of any free gold recovered and the approximate location where it was found.

The Operator shall provide such supervisory and technical

services as may be required to complete the work in a satisfactory manner.

The location, direction, and extent of each work item shall be subject to Government approval.

Description of the Work

The work shall consist of rehabilitating and repairing the Bald Mountain adit and the 16-1 crosscut which extends east from the tunnel at a point about 800 feet in from the portal. This work comprises cleaning up fallen rock, clearing ditches, laying air and water pipe, hanging ventilation tubing, installing track, repairing timber, etc.

From the present face of the 16-1 crosscut it shall be continued in an easterly direction for approximately 400 feet or until it traverses the Copeland vein system. With prior Government approval drifts then shall be driven from the crosscut northerly and southerly along the Copeland vein on the most favorable structure for a combined total of approximately 800 feet.

The drifts and crosscut shall not be less than 5' x 7' in cross section in the clear of timber and shall be timbered as necessary using standard drift sets of not less than 8" x 8" timber, or equivalent round timber.

The working area shall be ventilated using pipe or tubing not less than 12 inches in diameter. The mine rails shall not be less than 12-lb, air lines not less than 2-inch, and water lines not less than 1-inch in diameter.

The approximate location and extent of the crosscut and drifts to be driven under this contract are shown in red on Figure 3,

entitled ,"Map Showing Proposed Work in Bald Mountain Area .....," attached hereto and made a part hereof.

The Government will contribute to no more than a unit cost of $1000.00 for the rehabilitation of the Bald Mountain ~~tunnel~~ adit and 16-1 crosscut, 1200 feet of crosscutting and drifting, 600 feet of timbering in the crosscut to the Copeland vein structure and the drifts along the structure, and 200 sample assays.

Estimated Cost of Project

Fixed Unit Costs

Rehabilitation of ~~tunnel~~ adit and crosscut 1/	$1000.00
1200 feet crosscutting and drifting @ $34.00 per foot	40,800.00
600 feet timbering in crosscut and drifts @ $7.50 per foot	4,500.00
200 assays for gold @ $1.50 per sample	300.00
Total Estimated Cost of Project	$46,600.00
Government Participation @ 50%	$23,300.00

1/ The completed job is the unit of work.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 3 1963

DATE	INITIALS	CODE
May 31, 1963		130
	Grawed	500

1 cy to 130

Memorandum

To: Chief, Division of Field Operations, OME, Washington, D. C.

From: Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California

Enclosed are the original and two copies of the Field Examination Report on the subject application. The records indicate the Copeland vein was last worked in the old Copeland workings where the ledge was 2 to 3 feet wide, striking northerly and southerly and dips 40° E.

Two small quartz stringers (1 to 3 inches in width) are exposed in place, in the south Fork Creek bed, and it seems to be in line of the projected Copeland vein. Quartz floats found on the surface appeared in line with the projected vein.

Their crosscutting and drifting warrants a program with Government assistance.

The program will cost $50,884.00 of which the Government's share at 50 per cent will be $25,442.00.

Paul V. Fillo

Paul V. Fillo

Enclosures

cc:
Chief, Division of Field Operations, OME, Washington, D. C.

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 3 1963

DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
STEWART L. UDALL, SECRETARY

OFFICE OF MINERALS EXPLORATION

REPORT OF EXAMINATION BY ACTING ~~FIELD OFFICER~~
REGION II

APPLICATION REPORT

OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Mine
Alleghany, California

Note.--Change footage scale on contract maps

By

Paul V. Fillo
Acting Field Officer
OME, Region II

ON-site Exam. Report

May 31, 1963

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I L L U S T R A T I O N S

Figure 1 ..... Location Map

Figure 2 ..... Claim Map

Figure 3 ..... Proposed Exploratory Map

INTRODUCTION

An application for OME assistance submitted by Original Sixteen to One Mine, Inc., 1258 Russ Building, San Francisco, California, requests a loan for further exploration of the Bald Mountain mine located approximately 1/4 mile north of the center of Forest in Sierra County, California. The application was assigned Docket No. 6306 and referred to this office on May 23, 1963, for consideration and a field examination if necessary. The application includes an estimated total cost of $50,884.00 to perform exploration work consisting of 400 feet crosscutting and 800 feet of drifting.

A field examination was made by Paul V. Fillo, Acting Field Officer, OME, Region II on May 24, 1963, accompanied by C. A. Bennett, Vice-President, of Original Sixteen to One Mine, Inc.

SUMMARY

The applicant proposes to continue their present crosscut in the Bald Mountain tunnel for about 400 feet to the projected location of the Copeland vein and then drift northerly along the Copeland vein to the old Copeland workings, and southerly along the vein for a total of 800 feet.

The Bald Mountain area was the center of the once well-known Sierra County drift mining, where the rich "Great Blue Lead" Tertiary gravel channel was profitably mined. The "Great Blue Lead" was characterized by coarse gold, and at times contained quartz. This signifies much of the gold was eroded from veins in and close to the early Tertiary streams.

Since the contacts and ledges are obscured by several hundred feet of lava mantle, the records indicate the Copeland vein was last worked in the old Copeland workings where the ledge was 2 to 3 feet wide. The ledge strikes northerly and southerly and dip 40° E. The probable position of the Copeland vein is based on the assumption that the vein in the South Fork and in the Bridge Tunnel (presently inaccessible) is the same one as the Copeland vein or a strand off the United Eastern vein.

The Copeland ledge can be explored effectively by crosscutting to the ledge and drifting.

RECOMMENDATION

The program of exploring the Copeland vein appears reasonably justified. The veins in Forest could be the northerly extension of the Gold-Canyon, Irelan-Rainbow-Sixteen to One-Tightener and Plumbago-El Dorado-Osceola vein systems. I recommend that the Government enter into OME contract with the Original Sixteen to One Mine, Inc., to provide 50% of the cost of the program consisting of:

400 feet of crosscutting

800 feet of drifting

The total cost is estimated to be about $50,884.00 of which the Government's share at 50 per cent would be $25,442.00. Twelve months' time will be required to complete the contract on single-shift basis or about eight months if the two drift headings are advanced simultaneously. To facilitate administration of the contract, the work should be based on footage or unit costs.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Bald Mountain mine is located about 1/4 mile north of the center of Forest and about 200 feet east of North Fork river. The elevation of the portal tunnel is 4,637 feet. The property is located in secs. 15, 21, 22, 23, 27, 28 and 29, T. 19 N., R. 10 E. Mount Diablo Meridan, Sierra County, California.

Experienced mine labor and supplies are available at Alleghany and also at Nevada City, a town approximately 40 miles southwest of Alleghany by well-traveled road.

The prevailing daily wages for miners range from $14 to $16. Electric power is provided from Smith's Flat Pacific Gas and Electric Sub-station. Living accommodations are available at Forest and Alleghany. Motor truck transportation is available at Alleghany. Winter operation in the Forest area are sometimes impeded and access may be difficult because of snow, but year-round operation is considered feasible. Excellent timber of pine and fir is on the property and is available for mining use. Water for domestic and mining needs is available from North Fork Creek.

PROPERTY

History and Production[1/] [2/]

Records indicate the mine produced $3,100,000 during the 70's and 80's and paid out over $1,300,000 in dividends.

1/ Applicant's Report

2/ Boyle, E. M., Mines and Min. Res. of Sierra County, Calif. State Min. Bureau

The property was discovered in 1869 by a 268' shaft, and a tunnel of 1,800' was mined. The drift mining was on the "Great Blue Lead." Tertiary gravel channel is one of the richest, and most consistent and profitable mines in the Sierran Gold Belt. An interesting factor in this mine was the outcropping vein encountered crossing the channel as noted in "Ancient Auriferous Gravel Channels of Sierra County, California." (T.A.I.M.E., Vol. 49, pp 245-7) The large pieces of gold found all along in the "Great Blue Lead" came from the ledges.

On the basis of this data W. F. Copeland and Mark Alling drove a long crosscut to the east to explore the intervolcanic deep channel. A quartz ledge was cut during this work, and it was thought to be the main Bald Mountain channel. The vein was followed to the north for about 700 feet. The work proved to be too near the Tertiary surface and broke through the bottom of the main channel.

A winze was started by Copeland in the early 20's to evaluate the vein more accurately. The project was terminated and in the 30's Foote and Anderson reopened the Copeland's workings and winze. Their work was primarily a sampling program, and their findings were not encouraging. It appears their work was principally devoted to the gravel that might have been missed or on exploring the intervolcanic channels that cut the Great Blue Lead.

The Original Sixteen to One Mine acquired the Bald Mountain and the South Fork properties in the early 40's, and subsequently the Bald Mountain mine is being explored by the yearly assessment work of crosscutting towards

their objective target structure.

Ownership

The property consists of five unpatented Placer claims and 13 unpatented Lode mining claims which are owned by the Original Sixteen to One Mine, Inc.

In their proposed exploratory work, the following claims with recording information in the Sierra County office, Downieville, California, would be subjected to Government royalty and lien:

Unpatented Placer Claims	Book	Page
Bald Mountain Placer	C	499
Bald Mountain No. 2 Placer	Q	410
Oregon Creek Tailings Placer	B	167
Parkman Placer	C	462
South Fork Placer	C	271-2

Unpatented Lode Mining Claims	Book	Page
Amethyst Quartz	G G	201-2 224-6
Amethyst Extension Qtz.	L L	133 321
Blue Jay Quartz	U	42
Bullion Quartz	L	529
Butterfly Quartz	L	504
Honey Bee Quartz	L L	503 528
Lady Bug Quartz	L L	504 529

Unpatented Lode Mining Claims	Book	Page
Mabel Quartz	L	133
	L	320
Margaret Quartz	L	139
	L	314
May Flower Quartz	K	453
North Star Quartz	J	310
Phoebe Quartz	L	137
	L	315
Verde Quartz	L	355

Financial Eligibility

The applicant has submitted evidence accompanying the application that they were unsuccessful in securing a loan for exploration purposes from two banking institutions. They propose to finance their share of the exploration costs from company funds currently on hand.

Development

The principal workings consist of a main haulage tunnel (Bald Mountain tunnel), approximately 800 feet from the portal to the crosscut then in an easterly direction about 200 feet to the face. The underground openings are accessible, although wet and sloppy. The making of mine water isn't too serious.

Near the face of the crosscut, a semicaved area of six sets will have to be rehabilitated. Approximately twenty more sets along the haulage tunnel will need to be replaced and minor maintenances will be required for the tunnel.

Surface installation consists of one large metal frame building

100' x 60' and the building and equipment on the property and underground are sufficient to accommodate six to ten-man crew. A partial list of surface and underground equipment is as follows:

1 - Compressor (C. P. 500 c.f.m.)

2 - Drills with airbar

1 - Blower

1 - Mucking machine

6 - Mine car

1 - Elect Mancha motor with charger 1,200' - 12" vent tubing

GEOLOGY[1/]

Geologic Setting

The Bald Mountain mine portal is located on the west slope of Bald Mountain near the North Fork Oregon Creek, 1/2 mile north of the junction of North Fork Oregon Creek and South Fork Oregon Creek. The altitude ranges from 4,600 to 5,600 feet.

The oldest rocks of the Allegheny district are metamorphosed sediments and volcanic rocks of the Calaveras series and are cut by later basic and acidic intrusive rocks. These rocks are exposed in the stream valleys. The interstream ridges are capped by Tertiary gravel and andesitic breccia.

The area under consideration for exploratory program is covered by Teritary gravels and volcanics. Gold-bearing Tertiary streams have been found at the base of the Tertiary section with later intervolcanic channels,

---

1/ Ferguson, H. G., and Gannett, R. W., 1932, Gold-Quartz Veins of the Allegheny District, California: U. S. Geol. Survey Prof. Paper 172

cutting through the older gravels into the pre-Tertiary bedrock. The bedrock is the Tightener formation of the Calaveras Series. Several large serpentized dikes or lenses cut the Calaveras rocks. East dipping, northerly, striking quartz veins have been formed along thrust faults.

Ore Deposits[3]

"The greater part of the placer gold came from the general erosion of the great quantities of mineralized material, but the very large pieces of gold found all along in the Great "Blue Lead," which passes through this district, evidently came from the ledges. Many of these ledges were exposed in the workings of the gravel mines, and several old mines have been reopened and developed as quartz mines; this proving that large gold slugs do not travel far from their sources. The early drift miners paid little attention to the quartz ledges; they knew little about handling the ore and they were not prepared to do so. The gravel was rich and they were making money."

"Rich ledges were found in the gravel diggings of the Tightener Red Star, Rainbow, Sixteen to One, Dead River, South Fork, North Fork, Bald Mountain, Ruby, Telegraph and many other drifts."

"In the Bald Mountain mine a ledge was discovered and the ledge is from 2 to 3 feet in width, and strikes northerly and southerly, crossing the channel and dips 40° E. It was followed in the breasts from 300 to 400 feet and found to be the richest of any work in the 7,000 feet of the channel."

3/ Alling, Mark N., "Ancient Auriferous Gravel Channels of Sierra County, California" in Transaction A.I.M.E., Vol. 49, pp. 238 - 257, 1914.

"To the north of the Ruby, and below the lava cap, the Downieville-Forest City contact has been traced down through Slug canyon, through Downieville, and up the next mountainside to the lava cap again, a distance of about 6 miles. The Loosner group, Carson group, Tripple Pocket group, Frost claim, York mine, Donderro claim, Bessler mine, Good Hope group, Oxford mine, Borsch claim, and Standard mine group cover this entire distance. Coarse gold has been found all along this contact from Forest City to the Standard mine, a distance of about 8 miles, and some of the above-named claims and mines have produced large sums. Slug canyon, which follows this contact for about 2 miles, derived its name from the character of its gold. This same contact passes through Forest City and on south to Alleghany. The Tightner ledge lies due south from the Bald Mountain ledge, and the Tightner ledge strikes due north, but as the intervening country is lava capped it is impossible to say that the Bald Mountain ledge is the Tightner ledge."

The ore deposits of the Alleghany Forest district are very rich in free gold and are very erratically distributed. There are certain favorable structural features associated with a high-grade ore deposits. Any irregularity in the vein caused by changes in dip and strike, sudden swelling, junctions, or splits in the vein, and minor faults are favorable locations for high-grade ore shoots. The influence of large serpentine masses is of importance, as the veins tend to bent toward parallelism with the serpentine contact.

In coarsely crystalline arsenopyrite is of importance in fine ore shoots, as this mineral seems to have been effective in causing the disposition of

gold. The arsenopyrite is partly replaced by gold in some places. The presence of mariposite (known as blue-jay) has had considerable control over the location of high-grade ore shoots. The principal gangue mineral is quartz, and pyrite is the most abundant sulphide though sparsely present.

Sampling

No samples were taken, normally, for this mining district the "rule of thumb" is to look for colors or associated gold-bearing sulphides. If there is gold in the quartz, it will show up in the mill.

should take ever samples.

Ore Reserves

There is no reserve tonnage of gold-ore exposed, nor minable gold ore shown. The producing mines in the district maintain no ore reserves on account of the character of the gold ore.

EXPLORATION

The applicant proposed an exploratory project consisting of 400 feet of crosscutting, 800 feet of drifting, 610 feet of timbering, and some rehabilitation of the haulage tunnel sets. The proposed division of this work is as follows:

1,200 feet of crosscutting and drifting	at $37.82 per foot..	$45,384.00
610 feet of timbering	at $ 7.50 per foot..	4,500.00
Rehabilitation of haulage tunnel set		1,000.00
		$50,884.00

The applicant's estimated costs for crosscutting and drifting appear to be a little high; possibly this is due to the extra cost they anticipate in crosscutting through the serpentine mass.

The cost estimate was calculated on a straight footage basis for the miners. The work is based on single shift per day six days a week. There is a chance possibly of later driving the two headings in their drifting program simultaneously; if this is the case, the program could be completed within eight months from the date of approval of the exploration contract.

The applicant states that the work can be started within one month from the date of signing the contract.

Cost Estimate

The examiners have checked the applicant's cost estimates and found them a little high, but the exploratory program warranted a Government's contract. The following are the applicant's cost estimates.

"

Original Sixteen To One Mine, Inc.,
Alleghany, California
BALD MOUNTAIN PROJECT

Item 7 - Estimate of Costs

(a) Independent Contracts - None. Applicant will do all work.

(b) Personal Services - Supervision, engineering, geology, and accounting will be provided by staff members now on Applicant's payroll or on call. Their time spent on the project will be pro-rated; an estimate has been made for this expense on the detailed costs below.

Mine Foreman	$600/month
Engineer & accountant	$500/month
Geologist, consultant, as required.	

Labor required:

Miners (2) each	$2.00/hr.
Shop and Compressor man each	$1.85
Trammer each	$1.75

Project will be set up on a six day work week with an average estimated advance of 4 feet a shift. If ground conditions and availability of labor permit, Applicant hopes to go to either two shifts, or while drifting, to a two-face operation. However, because of the uncertainty of this and for simplicity, the costs have been estimated on a single shift basis. It is estimated that 50% of the workings will require timbering. As there is not expected to be any significant difference in costs between cross-cutting and drifting, only one footage estimate has been made. — 8'

(c) Operating materials and supplies -
Electric power available from P.G. & E.
Est. monthly bill at $300.
Explosives est. at 10#/foot each 25 cents/# plus fuse and caps.
Steel, bits, shop materials, etc. have been estimated on a footage basis.

(d) Operating Equipment - All equipment is to be furnished by Applicant on a rental basis. All recoverable supplies such as track, pipe, vent tubing, etc. also will be furnished from Applicant's inventory of new and/or used items.

(e) Rehabilitation and Repairs - Cleaning up tunnel, clearing ditches, laying air and water lines, repairing timbering, etc. will take approximately one week. This is estimated to cost $1,000.

(f) New Buildings and Installations - Applicant has all necessary buildings, equipment and supplies for starting project.

(g) Maintenance of equipment under (d) is covered by shopman for labor and an estimate of supplies and materials is listed under shop expense. Accounting will be done by Applicant's engineer. Payroll taxes, etc. have been listed at 12% of labor charge.

Detailed Exploration Costs

400 feet crosscut, 800 feet drift, at an average of 4 feet a day, six days a week.

Labor	$16.00 per foot
Insurance, Soc. Sec. taxes	~~1.92~~ 1.55 (Expl. feet less supervision on 600 ft)
Powder, fuse and caps	3.00
Compressor (Power)	3.00
Steel and bits	2.00
Shop expense	2.50
Engineering & Accounting	2.50
Supervision	~~5.00~~ 3.45
Rental of equipment	~~1.90~~
Total est. cost	~~$37.82 per foot~~ $34.00

It is estimated that 50% of the footage will be timbered.

Timber supplies	$5.00
Labor	2.50
Total timbering	$7.50 per foot

Schedule of equipment and recoverable supplies, for determining rental charge.

Compressor	$2,500
2 drills with airbars	850
Air and water hoses	200
Rails, switches, etc.	1,800 ?
Air and water lines	1,750
6 mine cars	950
Electric Mancha motor	1,200
Charging unit	500
Mucking machine	800
Fan and vent tube	500
Misc. hand tools	750
Total	$11,800

$11,800 div. by 60 months = $197/month, or at 104 feet a month, = $1.90 per foot, rental charges.
208 — on 2 shifts.

Total cost of project

1200 feet of crosscutting and drifting each $37.82 per foot - - - - - - - -	$45,384
600 feet of timbering each $7.50/ft. - -	4,500
Rehabilitation allowance - - - - - - - - - - -	1,000
? gold assays Total cost	$50,884 "

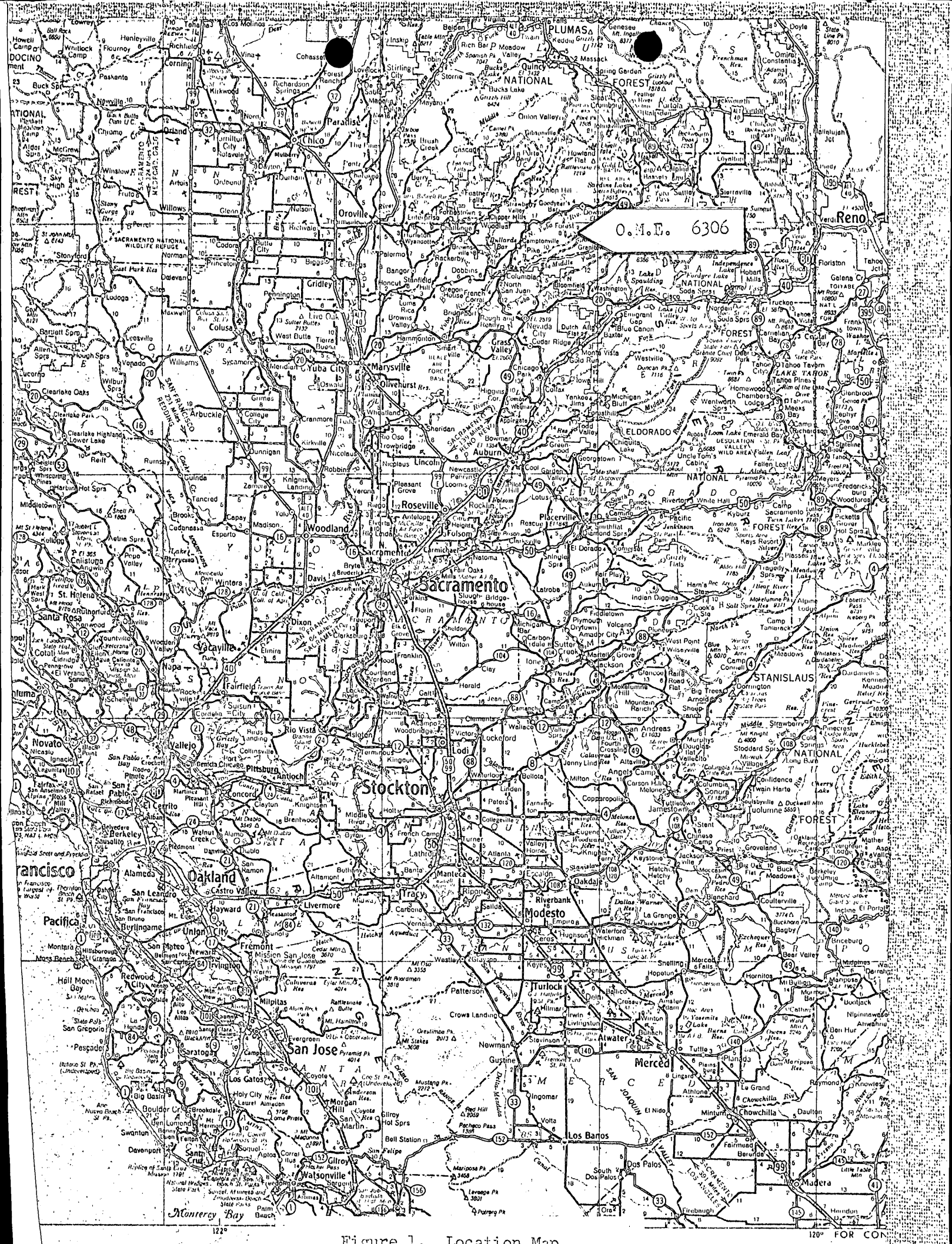


Figure 1. Location Map

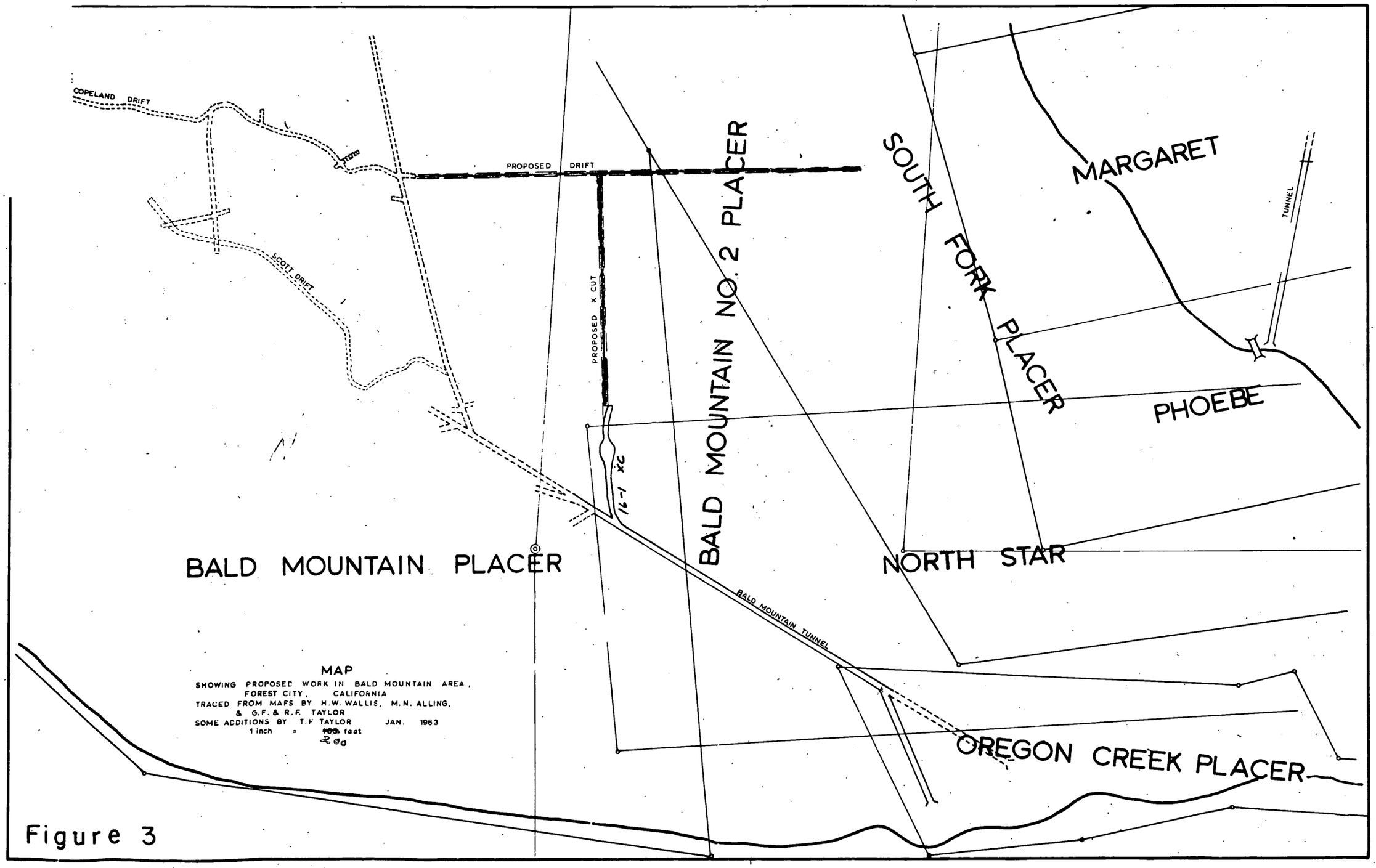

COPELAND DRIFT
PROPOSED DRIFT
SCOTT DRIFT
PROPOSED X CUT
16-1 xc
BALD MOUNTAIN NO. 2 PLACER
SOUTH FORK PLACER
MARGARET
TUNNEL
PHOEBE
BALD MOUNTAIN PLACER
NORTH STAR
BALD MOUNTAIN TUNNEL
OREGON CREEK PLACER
MAP
SHOWING PROPOSED WORK IN BALD MOUNTAIN AREA,
FOREST CITY, CALIFORNIA
TRACED FROM MAPS BY H.W. WALLIS, M.N. ALLING,
& G.F. & R.F. TAYLOR
SOME ADDITIONS BY T.F TAYLOR JAN. 1963
1 inch = ~~100~~ 200 feet

Figure 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
555 Battery Street
San Francisco 11, California

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 3 1963

DATE	INITIALS	CODE
		130
	Received	500
	May 31, 1963	

Memorandum

To: Chief, Division of Field Operations, OME, Washington, D. C.

From: Acting Field Officer, OME, Region II

Subject: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California

The subject property was examined May 24, 1963, accompanied by C. A. Bennett, Vice-President of the subject company.

The Bald Mountain tunnel is accessible to the face where the applicant wishes to start their crosscut work.

Quartz floats are exposed on the surface as shown on Map No. 5 of the Application Report along the projected Copeland vein. Two small quartz stringers (1 to 3 inches in width) are exposed in place, in the South Fork Creek bed, and it appears to be in line of the projected Copeland vein.

An examination report will be favorable in recommendation.

Paul V. Fillo

Paul V. Fillo

cc:

Chief, Division of Field Operations, OME, Washington, D. C.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
	Brunnell	500
5/21	Talbert	800
	FCS	130
5/21	Johnson	110
	P. Brunell	100
5/22	Cal	220
		500

MAY 21 1963

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: GME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California

The subject application is referred to Region II for review, a field examination, if deemed advisable, and recommendations.

Gerrow C. Selfridge (gla)

WRGriswold/mm

5/22/63
cc: Director's Reading File
Review Committee
Docket

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
	Griswold	500
5/21	Fallert	800
	Selfridge	130
5/21	Johnson	110
9	Fumich	100
		220
		500

MAY 21 1963

Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California

Re: OME-6306 (Gold)
Original Sixteen to One Mine, Inc.
Bald Mountain Claim Group
Sierra County, California

Gentlemen:

The application for assistance in exploring the subject property has been reviewed by the Division of Minerals of the Office of Minerals Exploration and referred to Mr. Paul V. Fillo, Acting Field Officer, Office of Minerals Exploration, Region II, Room 113, Custom House, 555 Battery Street, San Francisco 11, California.

The Regional Office will notify you in case additional information concerning the application is needed.

Sincerely yours,

George Fumich, Jr.

Director

WRGriswold/mm
5/22/63
cc: Director's Reading File
Region II (2)
✓Docket

43683

May 17, 1963

Original Sixteen to One Mine, Inc.
1258 Russ Building
San Francisco 4, California

Subject: OME-6306

Gentlemen:

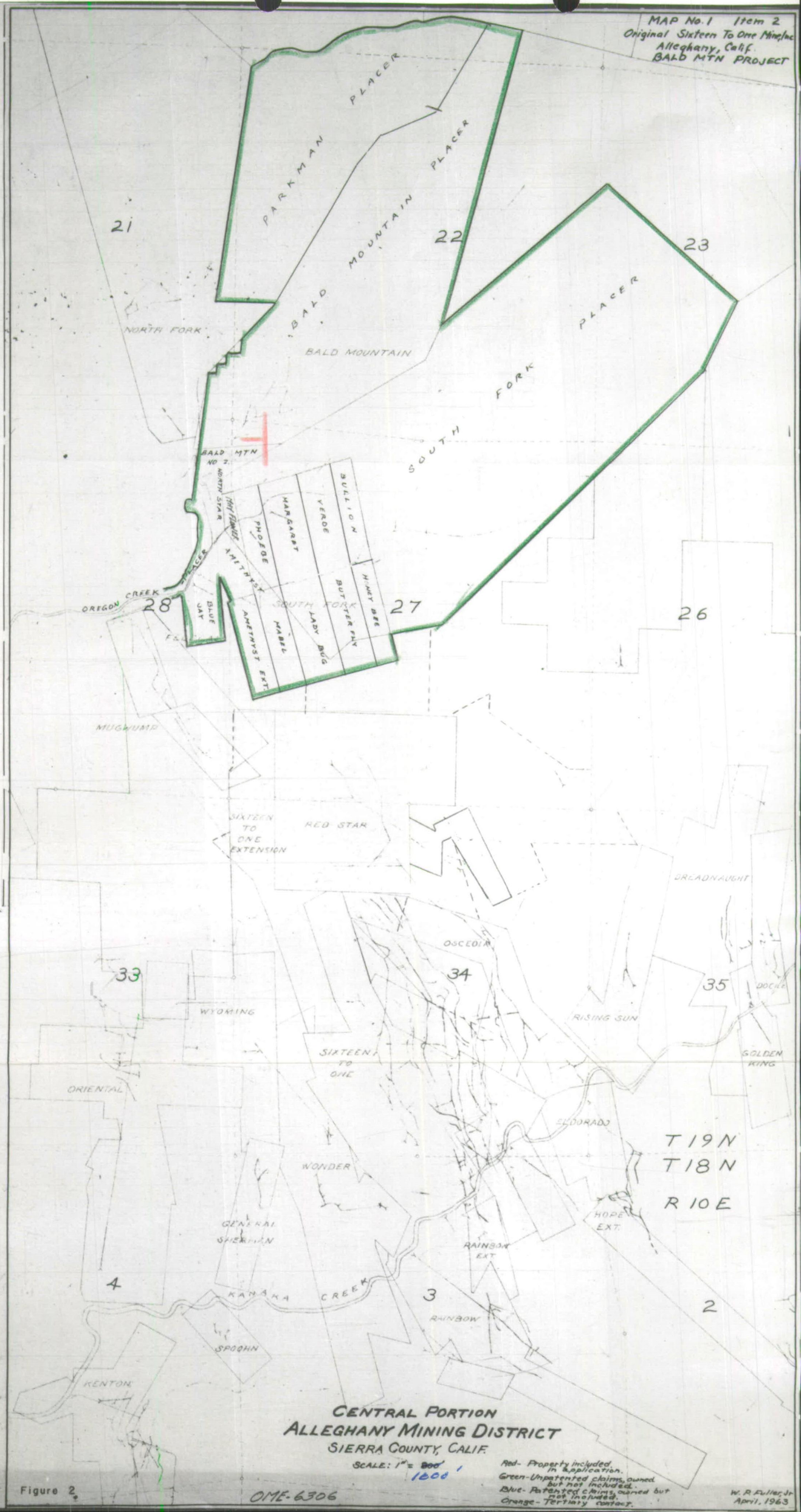
Your application for exploration assistance, dated May 15, 1963 submitted to our offce at San Francisco, California has been assigned Docket Number OME-6306.

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

Sincerely yours,

Allen S. Dakan, Chief
Division of Administrative
Management

Copy to:
Region II



CENTRAL PORTION
ALLEGHANY MINING DISTRICT
SIERRA COUNTY, CALIF.

SCALE: 1" = ~~800'~~ 1800'

Red- Property included in application.
Green- Unpatented claims, owned but not included.
Blue- Patented claims, owned but not included.
Orange- Tertiary contact.

Figure 2

OME-6306

W. R. Fuller, Jr.
April, 1963

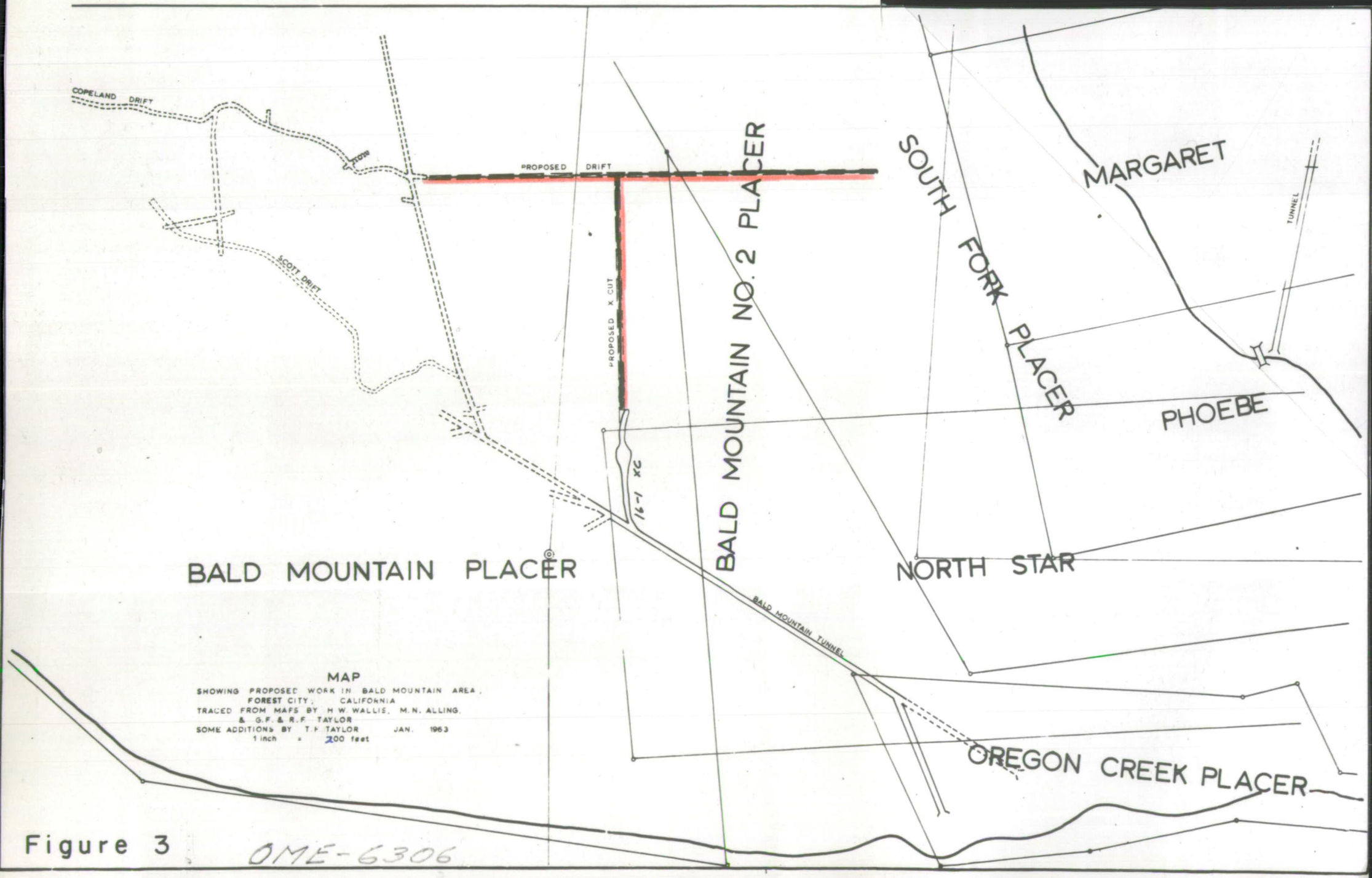
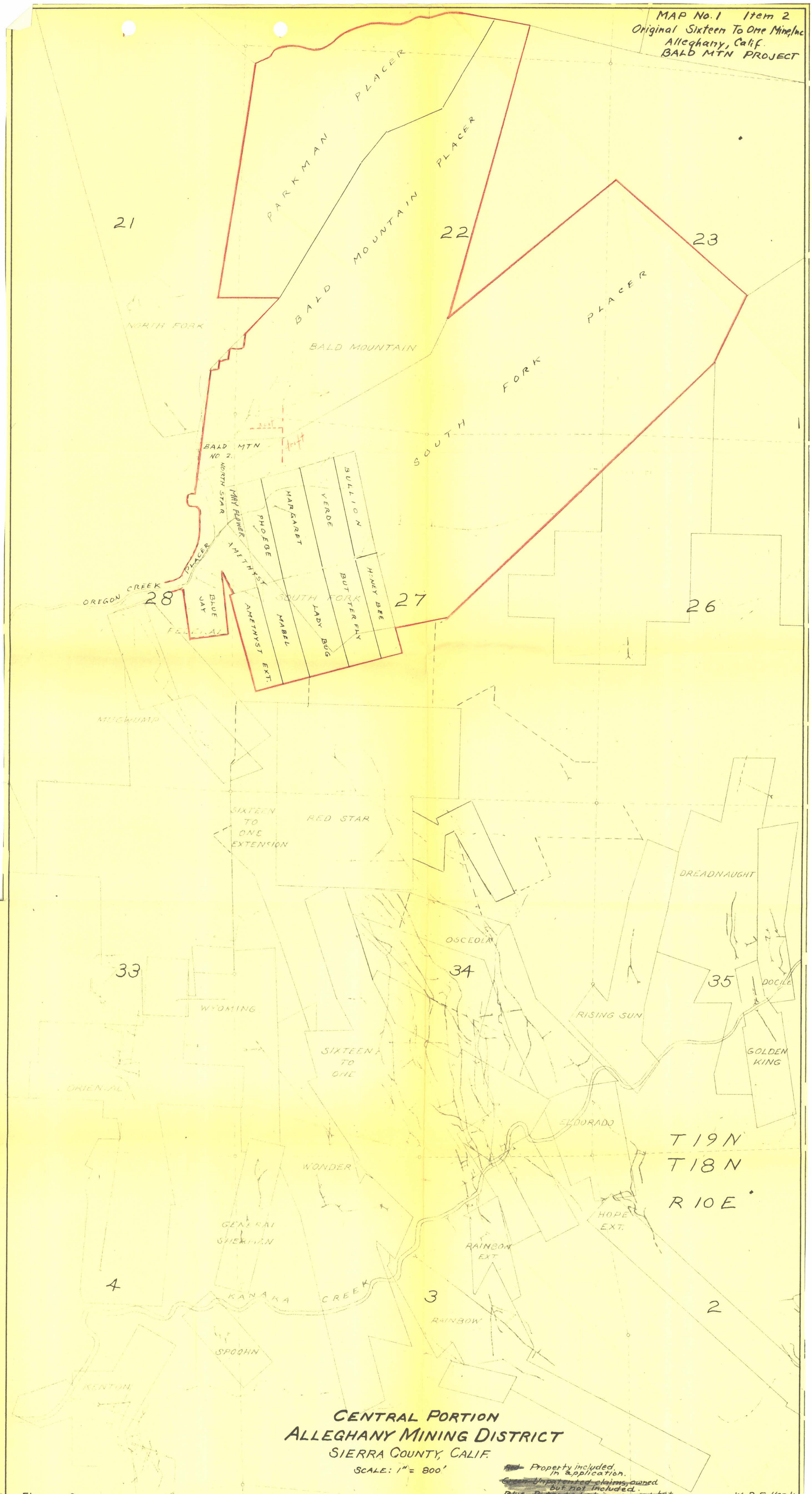


Figure 3

OME-6306

MAP No. 1 Item 2
Original Sixteen To One Mine, Inc
Alleghany, Calif.
BALD MTN PROJECT



CENTRAL PORTION
ALLEGHANY MINING DISTRICT
SIERRA COUNTY, CALIF.
SCALE: 1" = 800'

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~~Green~~ - Unpatented claims, owned but not included.
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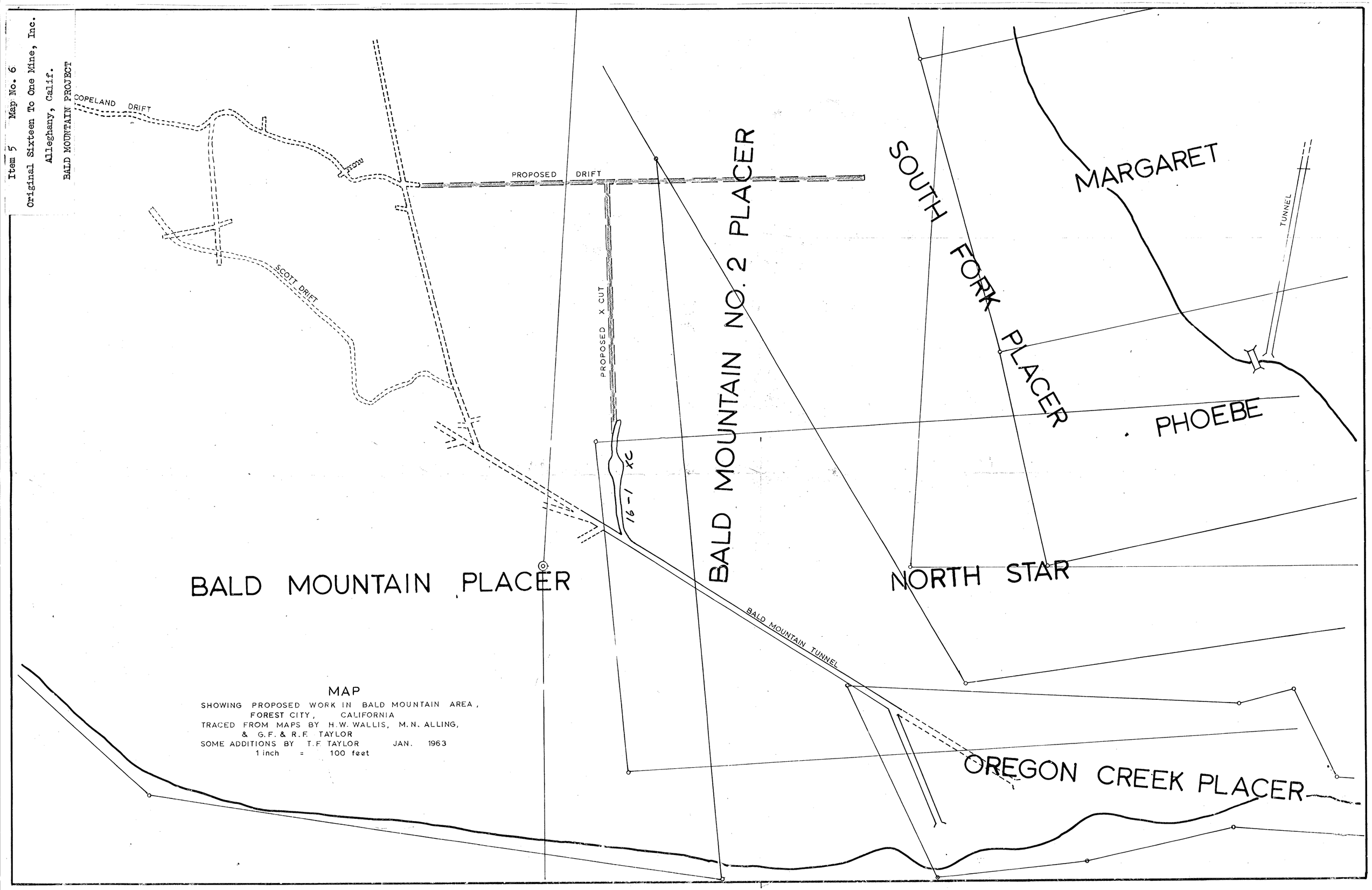
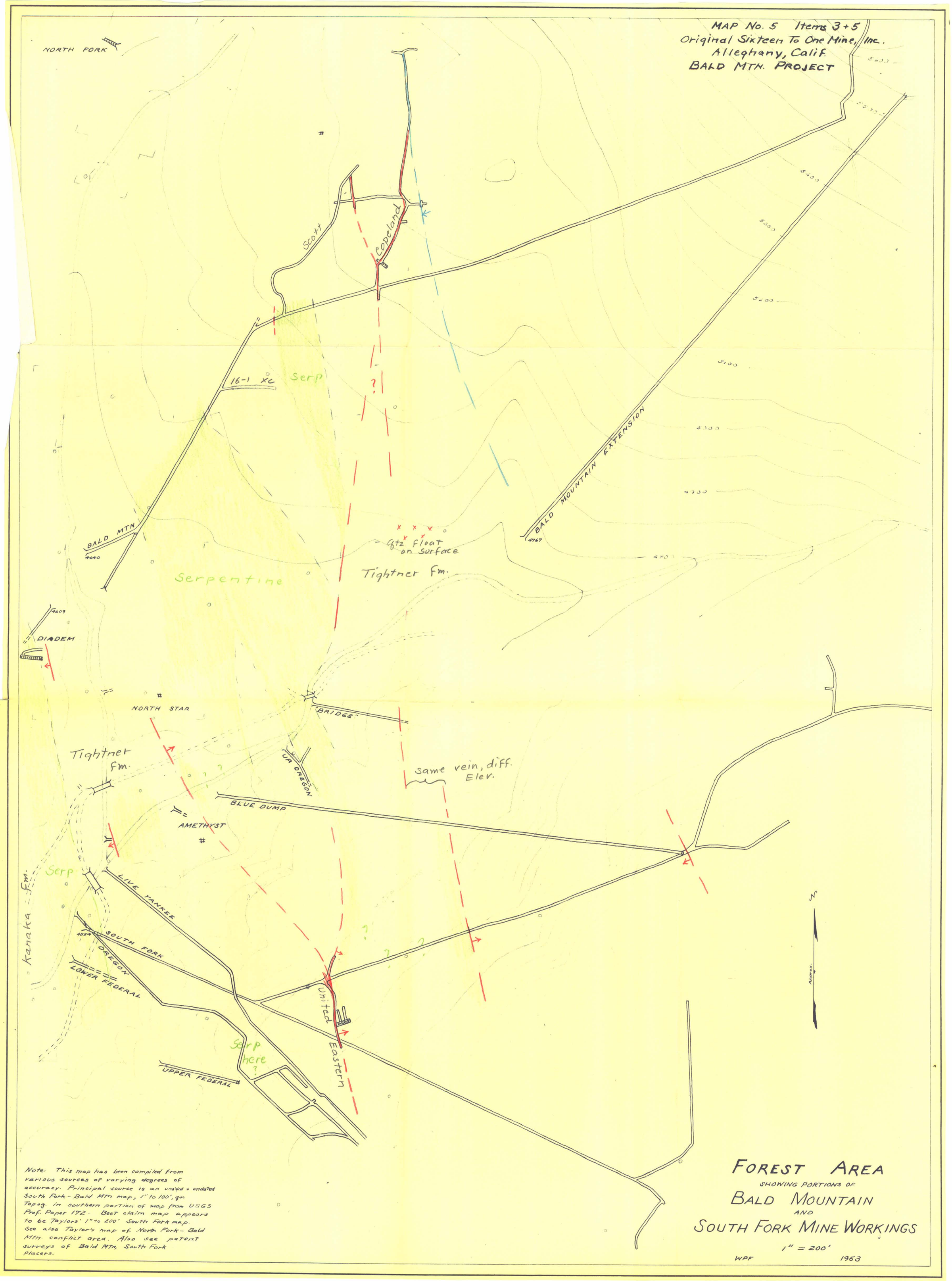
Figure 2

W. P. Fuller, Jr
April, 1963

Item 5 Map No. 6
Original Sixteen To One Mine, Inc.
Allegheny, Calif.
BALD MOUNTAIN PROJECT



MAP
SHOWING PROPOSED WORK IN BALD MOUNTAIN AREA,
FOREST CITY, CALIFORNIA
TRACED FROM MAPS BY H.W. WALLIS, M.N. ALLING,
& G.F. & R.F. TAYLOR
SOME ADDITIONS BY T.F. TAYLOR JAN. 1963
1 inch = 100 feet



Note: This map has been compiled from various sources of varying degrees of accuracy. Principal source is an unsigned + undated South Fork - Bald Mtn map, 1" to 100', gen. Topog. in southern portion of map from USGS Prof. Paper 172. Best claim map appears to be Taylors' 1" to 200' South Fork map. See also Taylor's map of North Fork - Bald Mtn. conflict area. Also see patent surveys of Bald Mtn, South Fork placers.

FOREST AREA

SHOWING PORTIONS OF

BALD MOUNTAIN

AND

SOUTH FORK MINE WORKINGS

1" = 200'

WPF 1953

Item 2 MAP NO. 3-1-89
Original Sixteen To One Mine
Allegheny, Calif.
BALD MOUNTAIN PROJECT

Survey No. 2354

PLAT

of the Claim of

The South Fork Gold Mining Company

upon the

South Fork Placer Mine

Forest City Mining District
SIERRA COUNTY

CALIFORNIA.

Containing an area of 55.77 acres.

Scale of 20 chains to the inch.
Variation 15° 30' East.
Surveyed by

E. Spaulding
U. S. Deputy Mineral Surveyor.

Filed July 1885.
Recorded January 8th 1890.
Application for survey filed July 7th 1885.

The original field-notes of the survey of the claim of

The South Fork Gold Mining Company

upon the South Fork Placer Mine

from which this plat has been made, have been examined and approved, and are on file in this office; and I hereby certify that they furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises; and that such reference is made therein to natural objects and permanent monuments as will perpetuate and fix the locus thereof. I further certify that the value of the labor and improvements placed thereon by the applicant or its grantors is not less than five hundred dollars, and that said improvements consist of

a tunnel five feet wide by six feet high.

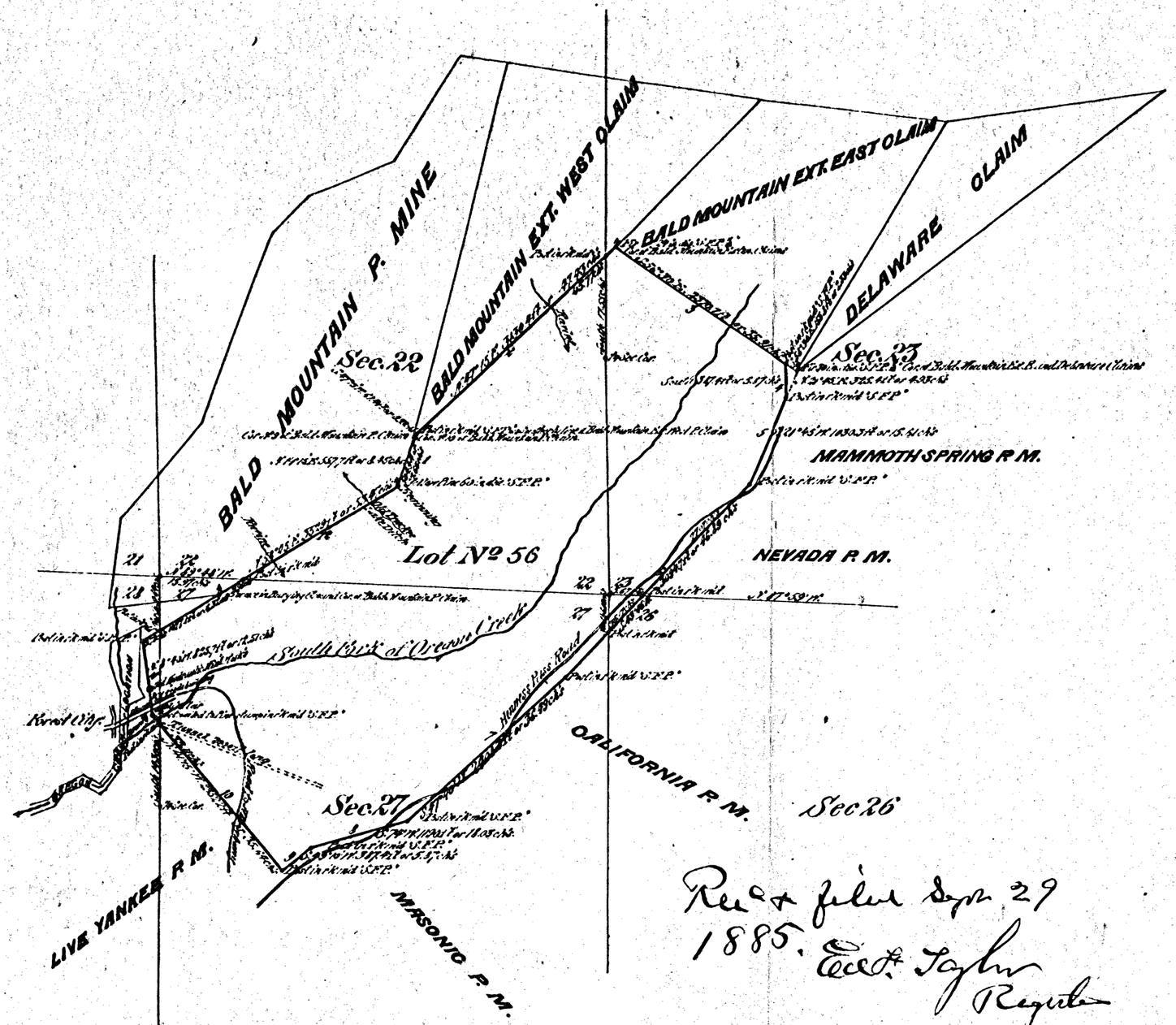
driven 2000 feet

as appears by the report of the deputy surveyor and the testimony of two disinterested witnesses, and I further certify that this is a correct plat of said mining claim made in conformity with said original field-notes of the survey thereof.

U. S. Surveyor-General's Office, San Francisco, Cal. September 28 1885.

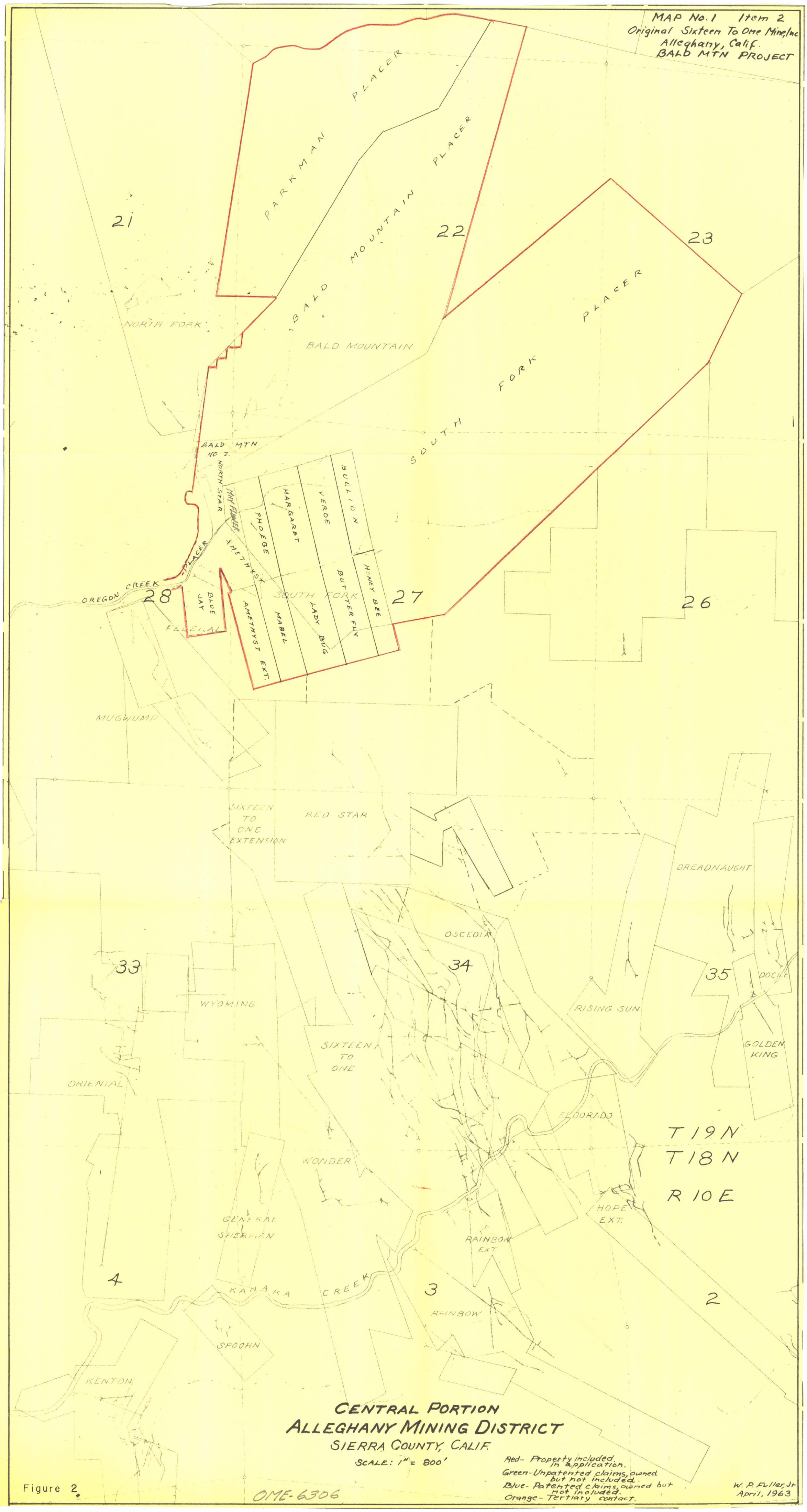
W. H. Brown
U. S. Surveyor-General for California.

T. 19 N R. 10 E.
Mount Diablo Meridian.



Rec'd & filed Sept 29 1885.
Ed. Taylor
Register

2354



CENTRAL PORTION
ALLEGHANY MINING DISTRICT
SIERRA COUNTY, CALIF.
SCALE: 1" = 800'

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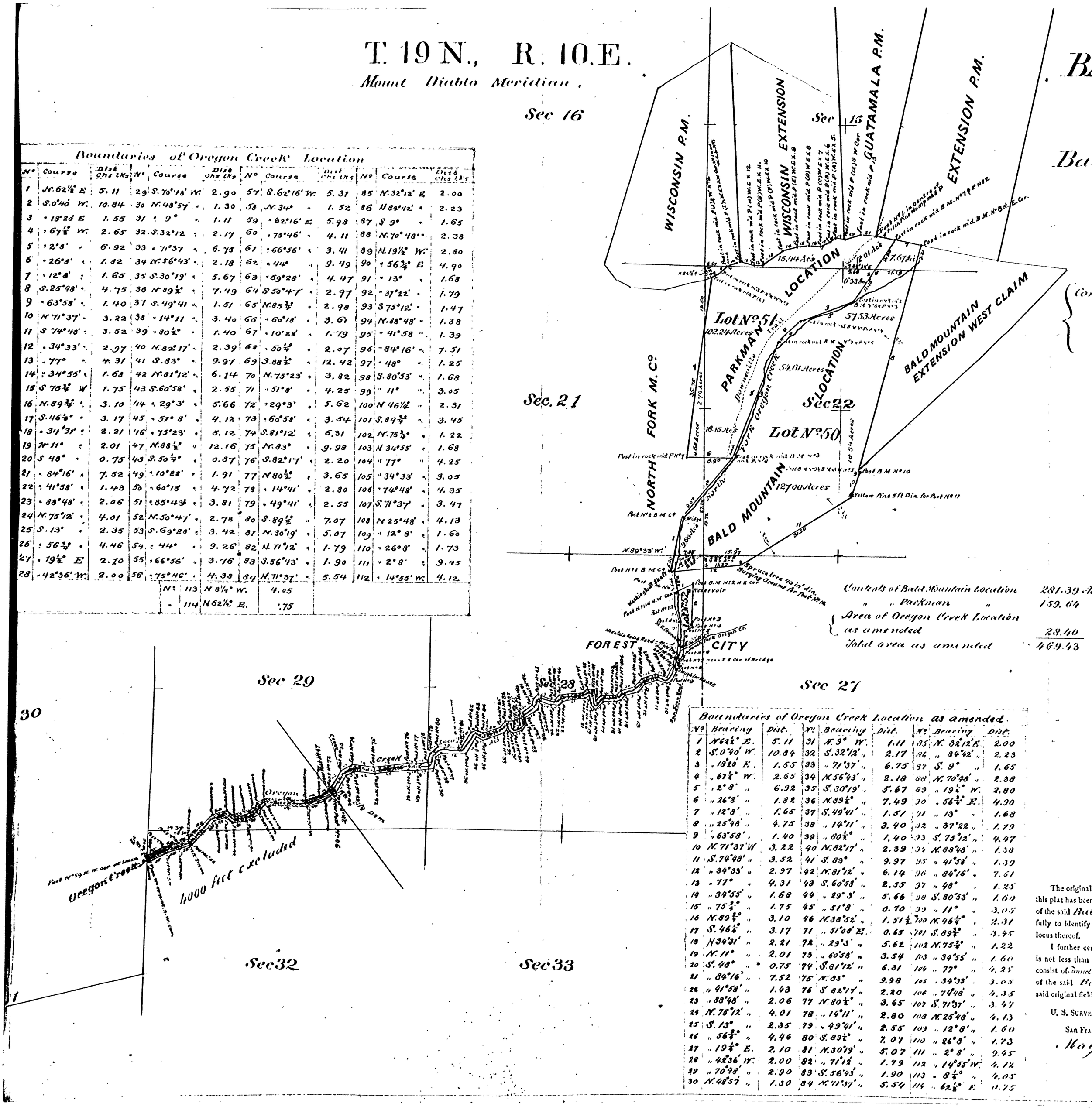
W. P. Fuller, Jr
April, 1963

Figure 2

OME-6306

T. 19 N., R. 10. E.

Mount Diablo Meridian.



Boundaries of Oregon Creek Location

No	Course	Dist Chs Lks	No	Course	Dist Chs Lks	No	Course	Dist Chs Lks	No	Course	Dist Chs Lks
1	N. 62½° E	5.11	29	S. 70°48' W.	2.90	57	S. 62°16' W.	5.31	85	N. 32°12' E	2.00
2	S. 0°40' W.	10.84	30	N. 48°57' "	1.30	58	N. 34° "	1.52	86	N 84°42' "	2.23
3	" 18°20' E	1.55	31	" 9° "	1.11	59	" 62°16' E	5.98	87	S 9° "	1.65
4	" 67½° W.	2.65	32	S. 32°12 "	2.17	60	" 75°46' "	4.11	88	N. 70°48' "	2.38
5	" 2°8' "	6.92	33	" 71°37 "	6.75	61	" 66°56' "	3.41	89	N. 19½° W.	2.80
6	" 26°8' "	1.82	34	N. 56°43' "	2.18	62	" 44° "	9.49	90	" 56¾° E	4.90
7	" 12°8' "	1.65	35	S. 30°19' "	5.67	63	" 69°28' "	4.47	91	" 13° "	1.68
8	S. 25°48' "	4.75	36	N 89½° "	7.49	64	S 50°47' "	2.97	92	" 37°22' "	1.79
9	" 63°58' "	1.40	37	S. 49°41 "	1.51	65	N. 85¾° "	2.98	93	S 75°12' "	1.47
10	N 71°37' "	3.22	38	" 14°11 "	3.40	66	" 60°18' "	3.61	94	N. 88°48' "	1.38
11	S 74°48' "	3.52	39	" 80½° "	1.40	67	" 10°28' "	1.79	95	" 41°58 "	1.39
12	" 34°33' "	2.97	40	N. 82°17' "	2.39	68	" 50¼° "	2.07	96	" 84°16' "	7.51
13	" 77° "	4.31	41	S. 83° "	9.97	69	S. 88½° "	12.42	97	" 48° "	1.25
14	" 34°55' "	1.68	42	N. 81°12' "	6.14	70	N. 75°23' "	3.82	98	S. 80°53' "	1.68
15	S 75¾° W	1.75	43	S. 60°58' "	2.55	71	" 51°8' "	4.25	99	" 11° "	3.05
16	N. 89¾° "	3.10	44	" 29°3' "	5.66	72	" 29°3' "	5.62	100	N 46½° "	2.31
17	S. 46¼° "	3.17	45	" 51°8' "	4.12	73	" 60°58' "	3.54	101	S. 89¾° "	3.45
18	" 34°31' "	2.21	46	" 75°23' "	5.12	74	S. 81°12' "	6.31	102	N. 75¾° "	1.22
19	N 11° "	2.01	47	N. 88½° "	12.16	75	N. 83° "	9.98	103	N 34°55' "	1.68
20	S 48° "	0.75	48	S. 50¼° "	0.87	76	S. 82°17' "	2.20	104	" 77° "	4.25
21	" 84°16' "	7.52	49	" 10°28' "	1.91	77	N 80½° "	3.65	105	" 34°33' "	3.05
22	" 41°58' "	1.43	50	" 60°18' "	4.72	78	" 14°41' "	2.80	106	" 74°48' "	4.35
23	" 88°48' "	2.06	51	" 85°43' "	3.81	79	" 49°41' "	2.55	107	S. 71°37' "	3.47
24	N. 75°12' "	4.01	52	N. 50°47' "	2.78	80	S. 89½° "	7.07	108	N 25°48' "	4.13
25	S. 13° "	2.35	53	S. 69°28' "	3.42	81	N. 30°19' "	5.07	109	" 12°8' "	1.60
26	" 56¾° "	4.46	54	" 44° "	9.26	82	N. 71°12' "	1.79	110	" 26°8' "	1.73
27	" 19½° E	2.10	55	" 66°56' "	3.76	83	S. 56°43' "	1.90	111	" 2°8' "	9.45
28	" 42°36' W.	2.00	56	" 75°46' "	4.38	84	N. 71°37' "	5.54	112	" 14°55' W.	4.12
						No	113	N 8¼° W.		4.05	
						"	114	N 62½° E.		.75	

Boundaries of Oregon Creek Location as amended.

No	Bearing	Dist.	No	Bearing	Dist.	No	Bearing	Dist.
1	N 62½° E.	5.11	31	N. 9° W.	1.11	85	N. 32°12' E.	2.00
2	S. 0°40' W.	10.84	32	S. 32°12' "	2.17	86	" 84°42' "	2.23
3	" 18°20' E.	1.55	33	" 71°37' "	6.75	87	S. 9° "	1.65
4	" 67½° W.	2.65	34	N. 56°43' "	2.18	88	N. 70°48' "	2.38
5	" 2°8' "	6.92	35	S. 30°19' "	5.67	89	" 19½° W.	2.80
6	" 26°8' "	1.82	36	N. 89½° "	7.49	90	" 56¾° E.	4.90
7	" 12°8' "	1.65	37	S. 49°41' "	1.51	91	" 13° "	1.68
8	" 25°48' "	4.75	38	" 14°11' "	3.40	92	" 37°22 "	1.79
9	" 63°58' "	1.40	39	" 80½° "	1.40	93	S. 75°12' "	4.47
10	N. 71°37' W	3.22	40	N. 82°17' "	2.39	94	N. 88°48' "	1.38
11	S. 74°48' "	3.52	41	S. 83° "	9.97	95	" 41°58' "	1.39
12	" 34°33' "	2.97	42	N. 81°12' "	6.14	96	" 84°16' "	7.51
13	" 77° "	4.31	43	S. 60°58' "	2.55	97	" 48° "	1.25
14	" 34°55' "	1.68	44	" 29°3' "	5.66	98	S. 80°53' "	1.60
15	" 75¾° "	1.75	45	" 51°8' "	0.70	99	" 11° "	3.05
16	N. 89¾° "	3.10	46	N. 38°52' "	1.51½	100	N. 46¼° "	2.31
17	S. 46¼° "	3.17	71	" 51°08' E.	0.65	101	S. 89¾° "	3.45
18	N 34°31' "	2.21	72	" 29°3' "	5.62	102	N. 75¾° "	1.22
19	N. 11° "	2.01	73	" 60°58' "	3.54	103	" 34°55' "	1.60
20	S. 48° "	0.75	74	S. 81°12' "	6.31	104	" 77° "	4.25
21	" 84°16' "	7.52	75	N. 83° "	9.98	105	" 34°33' "	3.05
22	" 41°58' "	1.43	76	S. 82°17' "	2.20	106	" 74°48' "	4.35
23	" 88°48' "	2.06	77	N. 80½° "	3.65	107	S. 71°37' "	3.47
24	N. 75°12' "	4.01	78	" 14°11' "	2.80	108	N. 25°48' "	4.13
25	S. 13° "	2.35	79	" 49°41' "	2.55	109	" 12°8' "	1.60
26	" 56¾° "	4.46	80	S. 89½° "	7.07	110	" 26°8' "	1.73
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28	" 42°36' W.	2.00	82	" 71°12' "	1.79	112	" 14°55' W.	4.12
29	" 70°48' "	2.90	83	S. 56°43' "	1.90	113	" 8¼° "	4.05
30	N. 48°57' "	1.30	84	N. 71°37' "	5.54	114	" 62½° E.	0.75

The original
this plat has been
of the said Bal
fully to identify
locus thereof.

I further cer
is not less than
consist of Tunnel
of the said Pa
said original field

U. S. SURVE

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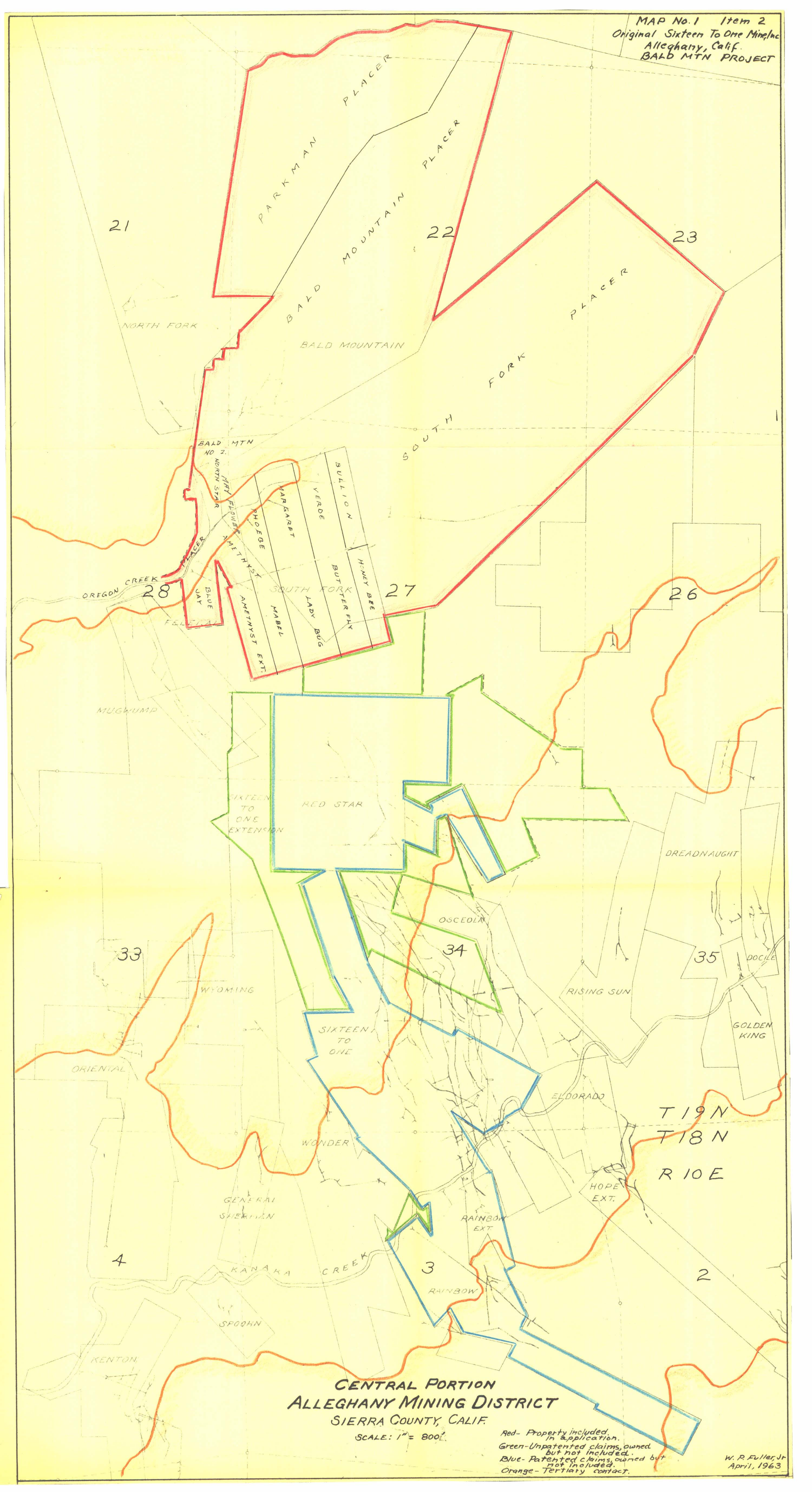
MAP No. 1 Item 2
Original Sixteen To One Mine, Inc
Alleghany, Calif.
BALD MTN PROJECT

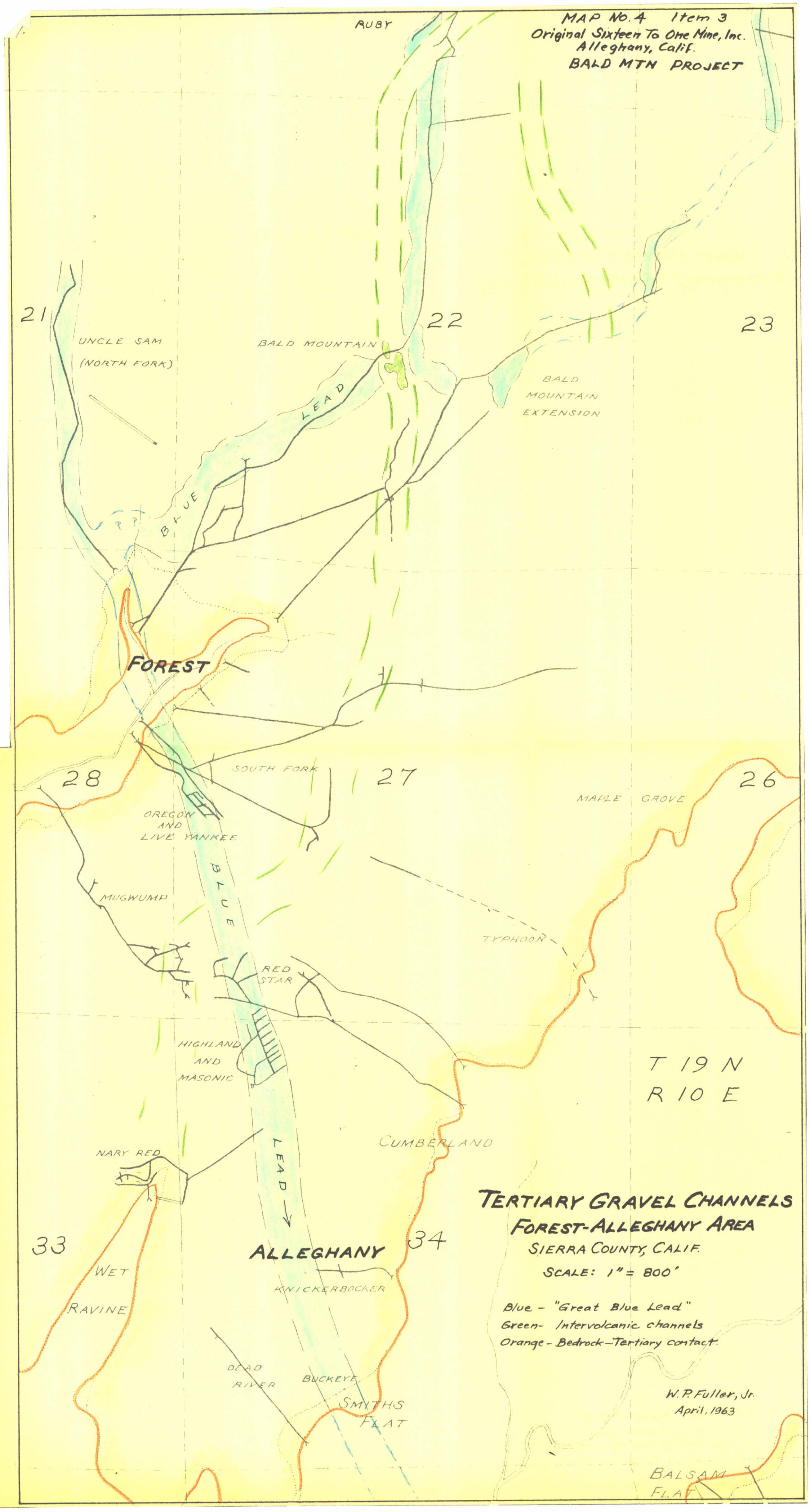


CENTRAL PORTION
ALLEGHANY MINING DISTRICT
SIERRA COUNTY, CALIF.

SCALE: 1" = 800'

Red- Property included in application.
Green- Unpatented claims, owned but not included.
Blue- Patented claims, owned but not included.
Orange- Tertiary contact.

W. P. Fuller, Jr
April, 1963


MAP No. 4 Item 3
Original Sixteen To One Mine, Inc.
Alleghany, Calif.
BALD MTN PROJECT
RUBY
21
22
23
UNCLE SAM
(NORTH FORK)
BALD MOUNTAIN
BALD
MOUNTAIN
EXTENSION
BLUE LEAD
FOREST
28
27
26
SOUTH FORK
MAPLE GROVE
OREGON
AND
LIVE YANKEE
BLUE
MUGWUMP
TYPHOON
RED
STAR
HIGHLAND
AND
MASONIC
T 19 N
R 10 E
CUMBERLAND
NARY RED
LEAD
33
34
ALLEGHANY
WET
RAVINE
KNICKERBOCKER
DEAD
RIVER
BUCKEYE
SMYTHS
FLAT
BALSAM
FLAT
TERTIARY GRAVEL CHANNELS
FOREST-ALLEGHANY AREA
SIERRA COUNTY, CALIF.
SCALE: 1" = 800'
Blue - "Great Blue Lead"
Green- Intervolcanic channels
Orange - Bedrock-Tertiary contact.
W. P. Fuller, Jr.
April, 1963