MME Form 9
Rev. Mar. 59

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

OFFICIAL DOCKET FILE

Contract No. 14-23- 2131 Docket No. MME- 6132

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [x] 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

- [x] ~~Royalty~~ Audits (Report of Review March 14, 1963
- [ ] Certification of Discovery
- [✓] Closing Letter
- [ ] Cost Audits
- [x] Termination Notice or Agreement 3/15/63
- [ ] Recision Notice
- [ ] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes 9-21-61
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments

Right Side

- [x] Project Summary (final)
- [x] 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)
- [x] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam. Report (Tab) 8-17-61
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

- [✓] Folders No. 2 : Reports
- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual Report for Certified Project
- [x] Field Team Interim Reports
- [x] 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

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/4/72		120
		220

October 4, 1972

Memorandum

To: The File

From: Chief, Office of Minerals Exploration

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., claims
Lemhi County, Idaho
Contract 2131

The Field Officer, Region I, has made periodic checks since 1965 with The Anaconda Company and other sources regarding possible production from the subject property. The Operator under the contract, Idaho Copper Mines, Inc., no longer exists as a corporate entity; the president of the company has died; and the claims lapsed and were restaked by a second party who subsequently sold them to a third party.

On September 27, 1972, the Field Officer telephoned the ore buyer for the Anaconda smelter and learned that no ore had been purchased from the Idaho Copper Mines, Inc., or the Oka Marie Group during the past year. The Field Officer advised that it can safely be assumed that there has been no production from the East Fork, et al., claims from which royalty is due to the Government. Therefore, it is recommended that this contract be closed as of September 21, 1972, the expiration date of the Government's lien on production from the property.

Harold Kirkemo

Harold Kirkemo

cc: Director's Reading File
Mineral Resources
OME Docket
OME ReadingFile
OME Region I
Branch of Financial Management
Mr. Kirkemo
130

GLAult/a 10/4/72

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Idaho Copper Mines, Inc.
Box 222
Salmon, Idaho

pertaining to Exploration Contract 14-23-090-2131, OME No. 6132, including Amendment No. 1 and a Termination Agreement dated February 15, 1963, for October 1961 to October 1962, inclusive, covering a copper-cobalt project on the East Fork, et al., Claims, Lemhi County, Idaho.

My review included an examination of the Monthly Vouchers (MMK Forms 60) and supporting documents, comparison of the claimed costs with the contract and pertinent schedules, confirmation of work performed by reference to reports and correspondence, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the reasons given in the attached schedule.

The findings of this review are stated in the following summary and the attached schedule:

Total cost billed by Operator		$4,900.60
Exceptions:		
Prior to this review	$ -0-	
Herewith	1,645.60	1,645.60
Acceptable cost claimed by Operator		$3,255.00
Acceptable costs not claimed, to partially offset exceptions		11.25
Total acceptable cost		$3,266.25

The contract calls for a 50 percent contribution of the allowable costs by the Government. Therefore, if the project is otherwise accepted as having met the terms of the contract, payments as follows are valid and proper:

Payable on audited claim	$1,633.12	
Paid to date	~~1,212.00~~	1,162.00
Balance due Operator	~~$ 421.12~~	471.12

Paid

E. D. Talbert

E. D. Talbert, OME Auditor

March 14, 1963

Reasons for Report of Review in lieu of a final audit:

(a) a major portion ($2,880.00) of the acceptable costs covered work performed at unit rates under independent contract;
(b) the Monthly Reports were supported by documentary evidence of the acceptable actual costs under the contract; and
(c) the administrative cost to the Government of an audit would be excessive in relation to the estimated amount of possible further exceptions.

Exceptions herewith:

(a) Hole No. 1 was abandoned at 201 feet; accordingly, in accordance with the contract provision barring participation in the cost of any incomplete holes, the following claimed costs are disallowed:

Cat. (1) Drilling, BX, 23 ft. @ $6.00	$138.00	
" AX, 178 ft. @ $5.40	961.20	
Reaming, 37 ft. @ $3.00	111.00	
Casing	40.90	
Cementing & redrilling	108.00	
Cat. (3) Core boxes, 4 ea. @ $4.00	16.00	
Incidental Allowance, 201 ft. @ $.50	100.50	$1,495.60

(b) Salary of Engineer-Geologist-Supervisor was claimed at contractual maximum rate of $700.00 a month, whereas certified copy of payroll indicates actual rate was $500.00 a month; difference for 3/4 month ($525.00 - $375.00) disallowed 150.00

$1,645.60

Acceptable costs not claimed:

F.I.C.A. taxes on acceptable salary of Engineer-Geologist-Supervisor ($375.00 @ 3%) $ 11.25

Total acceptable costs:

Cat. (1) Bulldozing trenches, 180 hrs. @ $16.00	$2,880.00
(2) Engineer-Geologist-Supervisor, 3/4 mo. @ $500.00	375.00
(7) Payroll taxes	11.25
	$3,266.25

Government's Copy

MAR 6 1963 O.M.E.

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OME-6132

TERMINATION AGREEMENT

It is agreed this 15th day of February, 1963, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government," and Idaho Copper Mines, Inc., hereinafter called the "Operator," parties to that certain Exploration Contract 14-23-090-2131 (OME-6132), dated September 21, 1961, as amended, hereinafter called the "Contract," that:

1. Effective October 15, 1962, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute to allowable costs incurred prior to said effective date.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the contract including furnishing to the Government five copies of a final report (in addition to the final monthly report) which shall include a geological and engineering evaluation of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological maps or sketches, and a summary of the work performed and related costs thereof.

4. 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 on production provided for in the contract in the same manner and amount, for the same period, and subject to the same conditions provided for in the contract as amended as if 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 percentage royalty and liens to secure payment thereof, reports (including preservation of Operator's records), amounts, audits, and the rights to recover any overpayments are hereby preserved.

5. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said contract, except as otherwise provided in this Termination Agreement.

RECEIVED
MAR 4 1963
U.S.G.S.
SPOKANE, WASH.

RECEIVED
FEB 20 1963
U.S.G.S.
SPOKANE, WASH.

Long

Appr. Gen. Off.

Murphy
Adams
Talbot
Selfridge
Johnson

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

THE UNITED STATES OF AMERICA

By George Turnicho
Director, Office of Minerals Exploration

IDAHO COPPER MINES, INC.

By Lyman E. Stoffleemy

Title PRESIDENT

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code

January 10, 1963

Memorandum to File

By: F. M. Murphy, Mining Engineer,
Division of Minerals

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Justification for Mutual Termination Agreement

Under Stage I of the contract, the Operator completed 6 trenches to expose the hanging wall and footwall of the target mineralized structure.

Authorization for the first drill hole was received by the Operator on July 25, 1962, and preparation of the drill site was started. The objective of the hole drilled on a bearing of N.31° W., and an inclination of -66°, was to traverse a hanging wall zone at depth that sampled 2.05% Cu. over a width of 3 feet in trench No. 4 and a footwall zone that sampled 2.5% Cu. over a width of 50 feet in trench No. 7. The hole traversed the hanging wall zone but was lost at 201 feet, about 100 feet short of the top of the footwall zone.

Through the hanging wall zone only two sections of the hole showed mineralization, both less than 1/2 inch wide and did not warrant assaying. Sludge samples were taken every 2' of the hole and showed no mineralization.

The Operator in a report to Region I for the months May - October, 1962, stated that since this hole was projected through the most promising area with negative results the contract should be terminated by mutual agreement.

In a memorandum dated December 20, 1962, Region I concurred in the Operator's request and as the requested and authorized drilling was not completed recommended that the termination agreement should include a pseudo-certification.

The writer agrees that the project should be terminated. However, since the results of the drilling through the hanging wall zone indicate that the mineralization does not persist at depth, the writer believes it would not be to the Government's interest to certify possible production from the project area because the cost of keeping this docket active would probably be more than any royalty it might receive at some future date.

F M Murphy

F. M. Murphy

43683

Government's Copy 500

JAN 31 1962
O.M.E.

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OME-6132

AMENDMENT NO. 1

It is agreed this 12th day of January, 1962, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government," and Idaho Copper Mines, Inc., hereinafter referred to as the Operator, that Contract No. 2131 (OME-6132), dated September 21, 1961, is amended effective November 9, 1961, as follows:

1. (a) Work under the contract shall be suspended during the period beginning November 9, 1961, and ending not later than June 15, 1962.

(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 work.

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

2. The date fixed by Article 1 of the contract for completion of the work is extended from 18 months to 26 months.

3. The maximum period for royalty payments and for the lien to secure the payment thereof provided for in Article 7(b) of the contract is extended from ten (10) years to eleven (11) years.

This amendment shall not be construed to increase the amount of any item designated as maximum, the actual or fixed unit cost of any item of work, the estimated total cost of the project, or the aggregate total amount which the Government may be required to contribute.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By George Turnick Jr.
Director, Office of Minerals Exploration

Dalton
Brown
App'd. Sol. Off.
Murphy
Jensen
Selfridge
Johnson

IDAHO COPPER MINES, INC.

By Kenneth A. Sinton

Title Secretary.

OCT 16 1961
O.M.E.

MME Form 50
Feb. 1959

Government's Copy

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

EXPLORATION CONTRACT
(Long Form)

Docket No.	Commodity	Contract No.	County	State
OME -6132	Copper-Cobalt	14-23-090- 2131	Lemhi	Idaho

It is agreed SEP 21 1961 (Date), between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government," and

Idaho Copper Mines, Inc., an Idaho corporation

whose mailing address is Box K-56, Salmon, Idaho, hereinafter called the "Operator," as follows:

ARTICLE 1. 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 October 15, 1961 (Date), and, subject to the provisions of Article 9 and Exhibit A, shall either have completed the work within 18 months from the date of the contract or shall have incurred allowable costs (see Article 6) in a sum not less than the total cost set forth in Exhibit A.

(b) The total allowable cost of the work set forth in Exhibit A is $88,030.00. The Government will contribute 50 percent of the allowable costs as they are incurred, in a total sum not in excess of $ 44,015.00 in accordance with the provisions of Articles 3, 4, 5, and 6. "Costs incurred" means costs that have been paid or have become due and payable, or that the Government determines have become obligations.

(c) Interest computation.--Simple interest computed annually at the rate of 6 ¼ 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:

Owner

(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:

(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 7 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) Independent contracts.--To the extent that the allowable costs are estimated in Exhibit A with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed (see Article 6(a), Category (1)). Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract, the Government will participate in payments to the independent contractor only as to work performed in accordance with the provisions of this exploration contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) 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.--(a) 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. 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 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. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(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 related costs.

(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 the 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. Costs.--(a) Allowable costs.--The allowable costs of the work to which the Government will contribute are limited to:

(1) the necessary, reasonable, and direct actual costs that are estimated in Exhibit A by categories as specified in this article; and

(2) fixed costs for units of work to be performed (per foot, per hour, etc.) agreed upon in lieu of actual costs and set forth in Exhibit A.

The Government will not contribute to costs under any category or subcategory omitted from the estimate of costs in Exhibit A. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost; any excess over a fixed unit cost; and any excess over the total allowable cost of the work are not allowable. The Operator shall incur such excesses for his own account without contribution by the Government, but the Operator is not obligated to incur more than his agreed percentage of the total allowable cost of the work.

Any category or subcategory or element thereof not designated as a maximum in this article or in Exhibit A may be exceeded, provided that the total allowable cost of the work, which is a maximum, is not exceeded.

CATEGORY (1)--INDEPENDENT CONTRACTS.--(See Article 3(b)). The total of this category and the average unit cost estimated for each type of work to be performed under an independent contract are maximums.

CATEGORY (2)--PERSONAL SERVICES.

Subcategory (a)--Supervision and Technical Services--All elements of this subcategory (number of supervisors, technicians, outside consultants, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)--Labor.

CATEGORY (3)--OPERATING MATERIALS AND SUPPLIES.--Includes such items as drill bits and steel, explosives, fuel, pipe, power, timber, rail, and small tools costing less than $50 each.

CATEGORY (4)--OPERATING EQUIPMENT.

Subcategory (a)--Rental.--The number of each rented item /6 mine cars, 1 truck/, the rate of rental /$100 per month, $5 per hour/, and the total of this subcategory are maximums.

Subcategory (b)--Purchases.--The total of this subcategory is a maximum.

Subcategory (c)--Depreciation.--All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)--INITIAL REHABILITATION AND REPAIRS.--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

Subcategory (a)--Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).--The total of this subcategory is a maximum.

Subcategory (b)--Initial rehabilitation and repairs of operating equipment.--The total of this subcategory is a maximum.

CATEGORY (6)--NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

CATEGORY (7)--MISCELLANEOUS.--Includes requirements and costs that do not fall within any of the first six categories, such as repairs other than initial and maintenance of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, and communications.

(b) Nonallowable costs.--The Government will not contribute to the following costs:

(1) Costs of the land, such as rental, depreciation, depletion, or other costs of acquiring, owning, or holding possession;

(2) Indirect costs, such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) Previous work performed or costs incurred before the date of this contract; and

(4) Deferred payments.--Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods, unless the purchase agreement is approved by the Government in writing.

(c) Reductions in costs.--The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original total cost. This provision does not apply to receipts from production which are subject to the Government's royalty under the provisions of Article 7.

ARTICLE 7. 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 [redacted] 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 7(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 8. Interests in purchased property.--(a) Title and ownership.--All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions although title thereto shall be taken in the name of the Operator.

(b) Preservation of property.--Until the final disposal of any property in which the Government has an interest, the Operator shall preserve and protect same for the best interest of the Government, and any reasonable and necessary cost thereof will be treated as an allowable cost of the exploration. After the completion of the work, termination of the Government's obligation to contribute, or when such property is not being used for the work, the Operator shall not use it elsewhere without the written consent of the Government and without paying a reasonable rental to be fixed by the Government for its proportionate interest.

(c) Disposal of property.--Upon the completion of the work, termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, sale to others, purchase by the Operator, or sale or transfer to the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government, the Operator shall not sell at any price any item of property that cost more than $500, and shall not sell at less than 25 percent of the purchase price any item of property that cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or offers. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, explosives, pipe, or rail), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item, the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the exploration.

(d) Default of the Operator re disposal.--If within 90 days after the completion of the work, termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may:

(1) in writing extend the time within which the Operator must dispose of or liquidate the property;

(2) by written notice to the Operator, place upon such property what it determines to be a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; and

(3) enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 9. 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 contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to final accounting and reporting; 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 contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to final accounting and reporting; 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 9 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 13.

ARTICLE 10. 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 11. 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 16

~~ARTICLE 12. 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 13. 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 14. 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 15. 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 16. Changes and added provisions.--

The provisions of Section 301 of Executive Order No. 10925 of March 6, 1961, required to be included in every Government contract are by reference hereby and herein incorporated and made a part of this contract. A copy of said Executive Order is attached to this contract as Exhibit B.

Executed in quintuplicate the day and year first above written.

IDAHO COPPER MINES, INC.
(Operator)

By Lyman DeStaffany

Title President

THE UNITED STATES OF AMERICA

By George Turnick Jr.
Director, Office of Minerals Exploration

Boller 9/18/61
Brown
App'd. Sol. Off.
Murphy
Fallert
Jelfridge
Johnson

I, KENNETH A. SUITOR (Name), certify that I am the _____ secretary of the corporation named as Operator herein; that LYMAN DeSTAFFANY (Name), who signed this contract on behalf of the Operator, was then President (Title) 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.

Kenneth A. Suitor

CORPORATE SEAL

INT.-DUP. SEC., WASH., D.C. 52379

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OME-6132

ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of fifty-eight (58) unpatented lode mining claims situated in secs. 23, 26, 33, 34, and 35, T. 25 N., R. 20 E., Boise Meridian, Lemhi County, Idaho. The claims are recorded in the office of the County Recorder at Gibbonsville, Lemhi County, Idaho, as follows:

Claim	Book	Page
Silver-lead	8	208
Copper Hill No. 1	7	267
Copper Hill No. 2	8	206
Copper Hill No. 3	8	207
Copper Hill No. 4	8	207
Copper Hill No. 5	8	208
East Fork No. 1	7	621
East Fork No. 2	7	622
East Fork No. 3	7	622
East Fork No. 4	8	334
East Fork No. 5	7	155
East Fork No. 6	7	155
East Fork No. 7	7	156
East Fork No. 8	7	156
East Fork No. 9	7	157

East Fork No. 10	7	157
East Fork No. 11	7	158
East Fork No. 12	7	158
East Fork No. 13	7	159
East Fork No. 14	7	159
East Fork No. 15	7	160
East Fork No. 16	7	160
East Fork No. 17	7	161
East Fork No. 18	7	161
East Fork No. 19	7	162
East Fork No. 20	7	162
East Fork No. 21	7	163
East Fork No. 22	7	163
East Fork No. 23	7	164
East Fork No. 24	7	164
East Fork No. 25	7	165
East Fork No. 26	8	335
East Fork No. 27	8	335
East Fork No. 28	8	336
East Fork No. 1A	8	279-280
East Fork No. 2A	8	280
East Fork No. 3A	8	281

Monette No. 1	1	23
Monette No. 2	1	22
Monette No. 3	1	21
Monette No. 4	1	20
Monette No. 5	1	19
Gap No. 1	1	16
Gap No. 2	1	15
Gap No. 3	1	14
Gap No. 4	1	13
Gap No. 5	1	12
Gap No. 6	1	11
Gap No. 7	1	10
Mt. Zither	8	110
Mt. Zither No. 1	8	110
Mt. Zither No. 2	8	111
Mt. Zither No. 3	1	131
Mt. Zither No. 4	1	132
Mt. Zither No. 5	1	133
Mt. Zither No. 6	1	134
Bug No. 1	1	18
Bug No. 2	1	17

Some of the above-listed claims are also recorded in the office of the County Recorder in Salmon, Idaho.

The Operator is the owner of the claims listed above. The locations of the individual claims with reference to groups of claims are shown on Plate 1 - Claim and Assay Map East Fork, et al., claims . . . . etc., attached hereto and made part hereof.

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OME-6132

EXHIBIT A

The purpose of this project is to explore for copper and cobalt ore deposits along a mineralized structure in an area of folded Precambrian Belt Series rocks comprising quartzite, argillite, and phyllite. The work shall include bulldozer trenching, core drilling from the surface, drifting, and either core or long-hole drilling from the drift.

General Provisions

The bulldozer used for excavation of the trenches and the drift portal site shall be not less than D-8 size or equivalent size of any other make.

The drift shall be of a minimum size of 5 by 7 feet in the clear of timber and shall be timbered as necessary, using standard sets with a minimum timber size of 8 by 8 inches or equivalent round timber. Mine rails shall be not less than 20-lb., air lines not less than 2-inch, water lines not less than 1-inch, and ventilation pipe not less than 6-inch.

All significantly mineralized areas traversed in the drift shall be sampled normal to their trends at linear intervals of not more than 10 feet.

Diamond drilling shall be done with standard BX (1-5/8") or larger size coring bits; wire line equipment may be used, provided the recovered core is approximately equivalent in size. When necessary to complete a hole, AX size standard coring bits (1-1/8") may be used, or wire line equipment giving an approximately equivalent core size. In instances where a hole cannot be completed with AX, size EX may be used. Core barrels used for diamond drilling shall be of such type as to insure a maximum recovery.

Facilities shall be provided for the collecting of diamond drill sludges in significantly mineralized areas and where the core recovery is less than 60 percent, the sludges (if recovered) shall be sampled.

Samples shall be taken of drill core, diamond drill sludge (as specified above) and long-hole cuttings that show significant mineralization. Such samples shall represent not more than a 5-foot length of drill hole.

Each sample shall be split as necessary and then assayed for copper and/or cobalt as may appear advisable. The Operator shall store one split in a suitable container properly identified as to location. The drill core not required for sample purposes shall be stored in properly identified core boxes with markers placed in the sections to indicate the depth represented. The stored samples and core shall be made available for Government inspection and possible use. With prior Government approval the Operator may dispose of the stored samples and core.

Geological logs of all diamond and percussion drill holes and assay certificates of all samples shall be submitted with the Operator's monthly reports which shall also include a map or sketch showing the work completed during the reporting period and the location and assay values of the samples.

The Government will not participate in the cost of any incomplete diamond drill holes.

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.

The work shall be divided into three stages. The Operator shall complete all of Stage I work and as much of the succeeding stages as may be approved in advance and confirmed in writing by the Government.

Description of the Work

Stage I

The work shall consist of bulldozing six (6) trenches at the approximate locations shown on Plate 2 attached hereto and made part hereof. Trenches 1 and 3 are designed to expose the footwall zone of the structure, and trenches 2, 4, 5, and 6, the hanging wall zone. Over the target zone each trench shall be

bulldozed to such depth and length that the zone may be adequately examined and sampled.

The Government will contribute to the costs of not to exceed 180 hours of bulldozer work, 24 assay determinations each for copper and cobalt, and not more than 3/4 month's supervision under this Stage I of the contract.

Stage II

The location of the work under Stage II is shown on Plate 2 referred to under "Stage I" hereof.

The work shall consist of drilling nine (9) holes with approximately the following collar locations, bearings, inclinations, and depths 1/:

Hole No.	Collar Coordinates	Bearing (degrees)	Inclination (degrees)	Depth (feet)
1	39630N-39630E	N 30 W	-55	475
2	" "	None	-90	550
3	39610N-40135E	N 30 W	-55	415
4	" "	None	-90	500
5	40240N-39915E	N 30 W	-55	355
6	" "	None	-90	375
7	40360N-40315E	N 30 W	-55	500
8	" "	None	-90	600
9	40590N-40800E	None	-90	380

1/ If data obtained by Stage I work indicate that changes in the listed specifications of the drill holes are warranted, then with Government approval, confirmed in writing, such changes may be made, except that holes 2, 4, 6, 8, and 9 shall be drilled vertically as specified.

Holes 1,2, 7, and 8 shall be drilled through both the hanging wall zone and the footwall zone; holes 3, 4, and 9 shall traverse the hanging wall zone a distance of approximately 50 feet; and holes 5 and 6 shall traverse the footwall zone a distance of approximately 50 feet.

The Government will contribute to the cost of not to exceed a drill rig mobilization and demobilization charge of $450.00, 4,150 feet of core drilling, 600 feet of hole reaming, 60 hours of cementing and redrilling, etc., 600 feet of casing, 140 core boxes, and 425 assay determinations for copper and 150 for cobalt under this Stage II of the contract.

Stage III

The location of the work under this stage is dependent on the data obtained under Stage I and Stage II, and shall consist of constructing a combined 16' x 20' frame compressor house and shed, bulldozing a portal site, drifting 800 feet, and testing the walls of the drift by either diamond core or long-hole drilling.

If either the hanging wall or footwall zone is found to contain ore-grade material of significant width to the exclusion of the other, drifting shall follow that zone in a northeasterly direction. If the entire section between the zones is found to contain copper and/or cobalt in significant amounts, the drift shall be driven about midway between them in a northeasterly direction. The portal of the drift shall be located approximately along the road shown on Plate 2 between stations 1T-23 and 1T-27.

If the drift is driven midway between the hanging wall and footwall zones, eight (8) core drill holes, averaging 350 feet in depth, shall be drilled from the drift to test the structure. Starting from about 50 feet in from the portal, seven (7) holes shall be drilled into opposite sides of the drift at intervals of about 125 feet. The eighth hole may be drilled on either side of the drift to test a favorable area indicated by prior drilling. All holes shall be inclined slightly above horizontal. If the drift follows either the hanging wall zone or the footwall zone, sixteen (16) holes, averaging 50 feet in depth, shall be percussion drilled approximately horizontally on alternate sides to test the drift walls. The first hole shall be collared about 50 feet in from the portal and the others at staggered intervals of about 50 feet.

In the event percussion long-hole drilling is approved, a maximum of 800 feet of such drilling shall be allowed. The cost of such drilling will be in lieu of the diamond drilling footage and its costs listed under estimated costs for Stage III.

The Government will contribute to the cost of not to exceed $320.00 for portal preparation, $500.00 for a combined compressor house and tool shed, 800 feet of drifting, 400 feet of timbering, 2,800 feet of core drilling, 26 hours of cementing and redrilling, etc., 280 feet each for reaming and casing holes, 90 core boxes, and 360 assay determinations for copper and 100 for cobalt and 7 months supervision under this Stage III of the contract.

Estimated Costs of the Project

Stage I

Actual Costs

Category (1) Independent Contracts

Bulldozing trenches, 180 hours @ $16.00/hr.	$2,880.00		

Category (2) Personal Services

None except:

1 Engineer-Geologist-Supervisor, 3/4 month @ $700.00/mo.	525.00	$3,405.00 ✓	2925.00

Categories (3) through (6)

None

Category (7) Miscellaneous

None except:

Assaying samples for copper and/or cobalt as indicated:

24 determinations for copper @ $1.50/determination	36.00		
24 determinations for cobalt @ $6.00/determination	144.00		
Payroll taxes and insurance, 16.5% of $525.00	86.63	$266.63	
Total, Stage I			$3,671.63

State II

Actual Costs

Category (1) Independent Contracts

Mobilization and demobilization of drill equipment	$ 450.00	
4,150 feet core drilling BX @ $6.00/ft. AX @ $5.40/ft. EX @ $5.20/ft.	24,900.00	
600 feet reaming @ $3.00/ft.	1,800.00	
600 feet casing @ $0.70/ft.	420.00	
60 hours cementing, redrilling, etc., @ $12.00/hr.	720.00	$28,290.00

Category (3) Operating Materials and Supplies

None except:

140 wood core boxes @ $4.00 each		560.00

Category (7) Miscellaneous

None except:

Assaying samples for copper and/or cobalt as indicated:

425 determinations for copper, @ $1.50/determination	637.50	
150 determinations for cobalt, @ $6.00/determination	900.00	$ 1,537.50

Fixed Unit Costs

Incidental allowance for each foot of drilling completed, 4,150 feet @ $0.50/ft. 1/		$ 2,075.00	
Total, Stage II			$32,462.50

Stage III

Actual Costs

Category (1) Independent Contracts			
Bulldozing portal site, 20 hours @ $16.00/hr.	$ 320.00		
2,800 feet core drilling, BX @ $5.50/ft. AX @ $4.90/ft. EX @ $4.70/ft.	15,400.00		
280 feet reaming, @ $3.00/ft.	840.00		
26 hours cementing, redrilling, etc., @ $12.00/hr.	312.00		
280 feet casing @ $0.70/ft.	196.00	$17,068.00	
Category (2) Personal Services			
1 Engineer-Geologist-Supervisor			
7 months @ $700.00/mo.		4,900.00	
Category (3) Operating Materials and Supplies			
None except:			

1/ Includes all costs whatsoever that are not included in the estimates for Category (1) Independent Contracts, and is in lieu of all other costs, such as supervision, technical services, transportation, payroll insurance, etc., which would otherwise be allowable under Categories (2) through (7) of the contract, except core boxes and sample analyses.

Category (3) Operating Materials and Supplies (continued)			
90 wood core boxes @ $4.00/each		$ 360.00	
Category (7) Miscellaneous			
None except:			
Assaying samples for copper and/or cobalt as indicated:			
360 determinations for copper @ $1.50 determination	$ 540.00		
100 determinations for cobalt @ $6.00/determination	600.00		
Payroll taxes and insurance 16.5% of $4,900.00	808.50	$ 1,948.50	
Fixed Unit Costs 2/			
Construct a combination compressor house and tool shed (the completed job is a unit)	$ 500.00		
800 feet drifting, @ $30.00/ft.	24,000.00		
400 feet timbering, @ $7.80/ft.	3,120.00	$27,620.00	
Percussion long-hole drilling 3/			
Total, Stage III			$51,896.50

2/ Includes all costs whatsoever that are not included in the estimates for Categories (1), (2), (3), and (7), and is in lieu of all other costs, such as labor, material and supplies, operating equipment, etc., which would otherwise be allowable under Categories (2) through (7) of the contract.

3/ In the event that percussion long-hole drilling is approved in lieu of core drilling, a fixed unit cost of $1.00/ft. in lieu of actual costs is allowable for a maximum of 800 feet.

S U M M A R Y

Total Estimated Cost Stage I	$ 3,671.63
Total Estimated Cost Stage II	32,462.50
Total Estimated Cost Stage III	51,896.50
Total Estimated Cost of Project (rounded)	$88,030.00
Government Participation @ 50%	$44,015.00

Presidential Documents

Title 3—THE PRESIDENT

Executive Order 10925

ESTABLISHING THE PRESIDENT'S COMMITTEE ON EQUAL EMPLOYMENT OPPORTUNITY

WHEREAS discrimination because of race, creed, color, or national origin is contrary to the Constitutional principles and policies of the United States; and

WHEREAS it is the plain and positive obligation of the United States Government to promote and ensure equal opportunity for all qualified persons, without regard to race, creed, color, or national origin, employed or seeking employment with the Federal Government and on government contracts; and

WHEREAS it is the policy of the executive branch of the Government to encourage by positive measures equal opportunity for all qualified persons within the Government; and

WHEREAS it is in the general interest and welfare of the United States to promote its economy, security, and national defense through the most efficient and effective utilization of all available manpower; and

WHEREAS a review and analysis of existing Executive orders, practices, and government agency procedures relating to government employment and compliance with existing non-discrimination contract provisions reveal an urgent need for expansion and strengthening of efforts to promote full equality of employment opportunity; and

WHEREAS a single governmental committee should be charged with responsibility for accomplishing these objectives:

NOW, THEREFORE, by virtue of the authority vested in me as President of the United States by the Constitution and statutes of the United States, it is ordered as follows:

PART I—ESTABLISHMENT OF THE PRESIDENT'S COMMITTEE ON EQUAL EMPLOYMENT OPPORTUNITY

SECTION 101. There is hereby established the President's Committee on Equal Employment Opportunity.

SEC. 102. The Committee shall be composed as follows:

(a) The Vice President of the United States, who is hereby designated Chairman of the Committee and who shall preside at meetings of the Committee.

(b) The Secretary of Labor, who is hereby designated Vice Chairman of the Committee and who shall act as Chairman in the absence of the Chairman. The Vice Chairman shall have general supervision and direction of the work of the Committee and of the execution and implementation of the policies and purposes of this order.

(c) The Chairman of the Atomic Energy Commission, the Secretary of Commerce, the Attorney General, the Secretary of Defense, the Secretaries of the Army, Navy and Air Force, the Administrator of General Services, the Chairman of the Civil Service Commission, and the Administrator of the National Aeronautics and Space Administration. Each such member may designate an alternate to represent him in his absence.

(d) Such other members as the President may from time to time appoint.

(e) An Executive Vice Chairman, designated by the President, who shall be *ex officio* a member of the Committee. The Executive Vice Chairman shall assist the Chairman, the Vice Chairman and the Committee. Between meetings of the Committee he shall be primarily responsible for carrying out the functions of the Committee and may act for the Committee pursuant to its rules, delegations, and other directives. Final action in individual cases or classes of cases may be taken and final orders may be entered on behalf of the Committee by the Executive Vice Chairman when the Committee so authorizes.

SEC. 103. The Committee shall meet upon the call of the Chairman and at such other times as may be provided by its rules and regulations. It shall (a) consider and adopt rules and regulations to govern its proceedings; (b) provide generally for the procedures and policies to implement this order; (c) consider reports as to progress under this order; (d) consider and act, where necessary or appropriate, upon matters which may be presented to it by any of its members; and (e) make such reports to the President as he may require or the Committee shall deem appropriate. Such reports shall be made at least once annually and shall include specific references to the actions taken and results achieved by each department and agency. The Chairman may appoint sub-committees to make special studies on a continuing basis.

PART II—NONDISCRIMINATION IN GOVERNMENT EMPLOYMENT

SECTION 201. The President's Committee on Equal Employment Opportunity established by this order is directed immediately to scrutinize and study employment practices of the Government of the United States, and to consider and recommend additional affirmative steps which should be taken by executive departments and agencies to realize more fully the national policy of nondiscrimination within the executive branch of the Government.

SEC. 202. All executive departments and agencies are directed to initiate forthwith studies of current government employment practices within their responsibility. The studies shall be in such form as the Committee may prescribe and shall include statistics on current employment patterns, a review of current procedures, and the recommendation of positive measures for the elimination of any discrimination, direct or indirect, which now exists. Reports and recommendations shall be submitted to the Executive Vice Chairman of the Committee no later than sixty days from the effective date of this order, and the Committee, after considering such reports and recommedations, shall report to the President on the current situation and recommend positive measures to accomplish the objectives of this order.

SEC. 203. The policy expressed in Executive Order No. 10590 of January 18, 1955 (20 F.R. 409), with respect to the exclusion and prohibition of discrimination against any employee or applicant for employment in the Federal Government because of race, color, religion, or national origin is hereby reaffirmed.

SEC. 204. The President's Committee on Government Employment Policy, established by Executive Order No. 10590 of January 18, 1955 (20 F.R. 409), as amended by Executive Order No. 10722 of August 5, 1957 (22 F.R. 6287), is hereby abolished, and the powers, functions, and duties of that Committee are hereby transferred to, and henceforth shall be vested in, and exercised by, the President's Committee on Equal Employment Opportunity in addition to the powers conferred by this order.

PART III—OBLIGATIONS OF GOVERNMENT CONTRACTORS AND SUBCONTRACTORS

SUBPART A—CONTRACTORS' AGREEMENTS

SECTION 301. Except in contracts exempted in accordance with section 303 of this order, all government contracting agencies shall include in every government contract hereafter entered into the following provisions:

"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 non-compliance 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 non-compliance: *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."

SEC. 302. (a) Each contractor having a contract containing the provisions prescribed in section 301 shall file, and shall cause each of its subcontractors to file, Compliance Reports with the contracting agency, which will be subject to review by the Committee upon its request. Compliance Reports shall be filed within such times and shall contain such information as to the practices, policies, programs, and employment statistics of the contractor and each subcontractor, and shall be in such form, as the Committee may prescribe.

(b) Bidders or prospective contractors or subcontractors may be required to state whether they have participated in any previous contract subject to the provisions of this order, and in that event to submit, on behalf of themselves and their proposed subcontractors, Compliance Reports prior to or as an initial part of their bid or negotiation of a contract.

(c) Whenever the contractor or subcontractor has a collective bargaining agreement or other contract or understanding with a labor union or other representative of workers, the Compliance Report shall include such information as to the labor union's or other representative's practices and policies affecting compliance as the Committee may prescribe: *Provided,* that to the extent such information is within the exclusive possession of a labor union or other workers' representative and the labor union or representative shall refuse to furnish such information to the contractor, the contractor shall so certify to the contracting agency as part of its Compliance Report and shall set forth what efforts he has made to obtain such information.

(d) The Committee may direct that any bidder or prospective contractor or subcontractor shall submit, as part of his Compliance Report, a statement in writing, signed by an authorized officer or agent of any labor union or other workers' representative with which the bidder or prospective contractor deals, together with supporting information, to the effect that the said labor union's or representative's practices and policies do not discriminate on the grounds of race, color, creed, or national origin, and that the labor union or representative either will affirmatively cooperate, within the limits of his legal and contractual authority, in the implementation of the policy and provisions of this order or that it consents and agrees that recruitment, employment, and the terms and conditions of employment under the proposed contract shall be in accordance with the purposes and provisions of the order. In the event that the union or representative shall refuse to execute such a statement, the Compliance Report shall so certify and set forth what efforts have been made to secure such a statement.

SEC. 303. The Committee may, when it deems that special circumstances in the national interest so require, exempt a contracting agency from the requirement of including the provisions of section 301 of this order in any specific contract, subcontract, or purchase order. The Committee may, by rule or regulation, also exempt certain classes of contracts, subcontracts, or purchase orders (a) where work is to be or has been performed outside the United States and no recruitment of workers within the limits of the United States is involved; (b) for standard commercial supplies or raw materials; or (c) involving less than specified amounts of money or specified numbers of workers.

SUBPART B—LABOR UNIONS AND REPRESENTATIVES OF WORKERS

SEC. 304. The Committee shall use its best efforts, directly and through contracting agencies, contractors, state and local officials and public and private agencies, and all other available instrumentalities, to cause any labor union, recruiting agency or other representative of workers who is or may be engaged in work under government contracts to cooperate with, and to comply in the implementation of, the purposes of this order.

SEC. 305. The Committee may, to effectuate the purposes of section 304 of this order, hold hearings, public or private, with respect to the practices and policies of any such labor organization. It shall from time to time submit special reports to the President concerning discriminatory practices and policies of any such labor organization, and may recommend remedial action if, in its judgment, such action is necessary or appropriate. It may also notify any Federal, state, or local agency of its conclusions and recommendations with respect to any such labor organization which in its judgment has failed to cooperate with the Committee, contracting agencies, contractors, or subcontractors in carrying out the purposes of this order.

SUBPART C—POWERS AND DUTIES OF THE PRESIDENT'S COMMITTEE ON EQUAL EMPLOYMENT OPPORTUNITY AND OF CONTRACTING AGENCIES

SEC. 306. The Committee shall adopt such rules and regulations and issue such orders as it deems necessary and appropriate to achieve the purposes of this order, including the purposes of Part II hereof relating to discrimination in government employment.

SEC. 307. Each contracting agency shall be primarily responsible for obtaining compliance with the rules, regulations, and orders of the Committee with respect to contracts entered into by such agency or its contractors, or affecting its own employment practices. All contracting agencies shall comply with the Committee's rules in discharging their primary responsibility for securing compliance with the provisions of contracts and otherwise with the terms of this Executive order and of the rules, regulations, and orders of the Committee pursuant hereto. They are directed to cooperate with the Committee, and to furnish the Committee such information and assistance as it may require in the performance of its functions under this order. They are further directed to appoint or designate, from among the agency's personnel, compliance officers. It shall be the duty of such officers to seek compliance with the objectives of this order by conference, conciliation, mediation, or persuasion.

SEC. 308. The Committee is authorized to delegate to any officer, agency, or employee in the executive branch of the

Government any function of the Committee under this order, except the authority to promulgate rules and regulations of a general nature.

SEC. 309. (a) The Committee may itself investigate the employment practices of any government contractor or subcontractor, or initiate such investigation by the appropriate contracting agency or through the Secretary of Labor, to determine whether or not the contractual provisions specified in section 301 of this order have been violated. Such investigation shall be conducted in accordance with the procedures established by the Commitee, and the investigating agency shall report to the Committee any action taken or recommended.

(b) The Committee may receive and cause to be investigated complaints by employees or prospective employees of a government contractor or subcontractor which allege discrimination contrary to the contractual provisions specified in section 301 of this Order. The appropriate contracting agency or the Secretary of Labor, as the case may be, shall report to the Committee what action has been taken or is recommended with regard to such complaints.

SEC. 310. (a) The Committee, or any agency or officer of the United States designated by rule, regulation, or order of the Committee, may hold such hearings, public or private, as the Committee may deem advisable for compliance, enforcement, or educational purposes.

(b) The Committee may hold, or cause to be held, hearings in accordance with subsection (a) of this section prior to imposing, ordering, or recommending the imposition of penalties and sanctions under this order, except that no order for debarment of any contractor from further government contracts shall be made without a hearing.

SEC. 311. The Committee shall encourage the furtherance of an educational program by employer, labor, civic, educational, religious, and other nongovernmental groups in order to eliminate or reduce the basic causes of discrimination in employment on the ground of race, creed, color, or national origin.

SUBPART D—SANCTIONS AND PENALTIES

SEC. 312. In accordance with such rules, regulations or orders as the Committee may issue or adopt, the Committee or the appropriate contracting agency may:

(a) Publish, or cause to be published, the names of contractors or unions which it has concluded have complied or have failed to comply with the provisions of this order or of the rules, regulations, and orders of the Committee.

(b) Recommend to the Department of Justice that, in cases where there is substantial or material violation or the threat of substantial or material violation of the contractual provisions set forth in section 301 of this order, appropriate proceedings be brought to enforce those provisions, including the enjoining, within the limitations of applicable law, of organizations, individuals or groups who prevent directly or indirectly, or seek to prevent directly or indirectly, compliance with the aforesaid provisions.

(c) Recommend to the Department of Justice that criminal proceedings be brought for the furnishing of false information to any contracting agency or to the Committee as the case may be.

(d) Terminate, or cause to be terminated, any contract, or any portion or portions thereof, for failure of the contractor or subcontractor to comply with the nondiscrimination provisions of the contract. Contracts may be terminated absolutely or continuance of contracts may be conditioned upon a program for future compliance approved by the contracting agency.

(e) Provide that any contracting agency shall refrain from entering into further contracts, or extensions or other modifications of existing contracts, with any non-complying contractor, until such contractor has satisfied the Committee that he has established and will carry out personnel and employment policies in compliance with the provisions of this order.

(f) Under rules and regulations prescribed by the committee, each contracting agency shall make reasonable efforts within a reasonable time limitation to secure compliance with the contract provisions of this order by methods of conference, conciliation, mediation, and persuasion before proceedings shall be instituted under paragraph (b) of this section, or before a contract shall be terminated in whole or in part under paragraph (d) of this section for failure of a contractor or subcontractor to comply with the contract provisions of this order.

SEC. 313. Any contracting agency taking any action authorized by this section, whether on its own motion, or as directed by the Committee, or under the Committee's rules and regulations, shall promptly notify the Committee of such action or reasons for not acting. Where the Committee itself makes a determination under this section, it shall promptly notify the appropriate contracting agency of the action recommended. The agency shall take such action and shall report the results thereof to the Committee within such time as the Committee shall provide.

SEC. 314. If the Committee shall so direct, contracting agencies shall not enter into contracts with any bidder or prospective contractor unless the bidder or prospective contractor has satisfactorily complied with the provisions of this order or submits a program for compliance acceptable to the Committee or, if the Committee so authorizes, to the contracting agency.

SEC. 315. Whenever a contracting agency terminates a contract, or whenever a contractor has been debarred from further government contracts, because of noncompliance with the contractor provisions with regard to nondiscrimination, the Committee, or the contracting agency involved, shall promptly notify the Comptroller General of the United States.

SUBPART E—CERTIFICATES OF MERIT

SEC. 316. The Committee may provide for issuance of a United States Government Certificate of Merit to employers or employee organizations which are or may hereafter be engaged in work under government contracts, if the Committee is satisfied that the personnel and employment practices of the employer, or that the personnel, training, apprenticeship, membership, grievance and representation, upgrading and other practices and policies of the employee organization, conform to the purposes and provisions of this order.

SEC. 317. Any Certificate of Merit may at any time be suspended or revoked by the Committee if the holder thereof, in the judgment of the Committee, has failed to comply with the provisions of this order.

SEC. 318. The Committee may provide for the exemption of any employer or employee organization from any requirement for furnishing information as to compliance if such employer or employee organization has been awarded a Certificate of Merit which has not been suspended or revoked.

PART IV—MISCELLANEOUS

SECTION 401. Each contracting agency (except the Department of Justice) shall defray such necessary expenses of the Committee as may be authorized by law, including section 214 of the Act of May 3, 1945, 59 Stat. 134 (31 U.S.C. 691): *Provided*, that no agency shall supply more than fifty per cent of the funds necessary to carry out the purposes of this order. The Department of Labor shall provide necessary space and facilities for the Committee. In the case of the Department of Justice, the contribution shall be limited to furnishing legal services.

SEC. 402. This order shall become effective thirty days after its execution. The General Services Administration shall take appropriate action to revise the standard Government contract forms to accord with the provisions of this order and of the rules and regulations of the Committee.

SEC. 403. Executive Order No. 10479 of August 13, 1953 (18 F.R. 4899), together with Executive Orders Nos. 10482 of August 15, 1953 (18 F.R. 4944), and 10733 of October 10, 1957 (22 F.R. 8135), amending that order, and Executive Order No. 10557 of September 3, 1954 (19 F.R. 5655), are hereby revoked, and the Government Contract Committee established by Executive Order No. 10479 is abolished. All records and property of or in the custody of the said Committee are hereby transferred to the President's Committee on Equal Employment Opportunity, which shall wind up the outstanding affairs of the Government Contract Committee.

JOHN F. KENNEDY

THE WHITE HOUSE,
March 6, 1961.

[F.R. Doc. 61-2093; Filed, Mar. 7, 1961; 10:06 a.m.] 90048

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/21	gad	220
6/23	Murphy	300

JUN 2 1 1961

Memorandum

To: W. R. Griswold, Chief
Division of Minerals

From: E. D. Talbert, Acting Chief
Contract Administration and Audit Division

E D Talbert

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho

As the evidence required by item 1(a) of the subject application dated June 12, 1961, for a project estimated to cost $100,000, the following have been submitted:

(a) Copies of identical letters dated May 22 and May 25, respectively, to The Idaho First National Bank, Salmon, Idaho, and the Spokane and Eastern Branch of Seattle-First National Bank, Spokane, Washington, requesting a $75,000 loan for exploration activities;

(b) A May 23 reply from The Idaho First National Bank advising that "this bank has not made it a practice of lending for exploratory purposes and would not be interested in extending this kind of credit";

(c) A May 25 reply from Spokane and Eastern Branch declining the request because "this operation is not in our area and the fact that it is a term loan, which type of loan we are not seeking at this time"; and

(d) A May 31 interim balance sheet prepared but not certified by a firm of chartered accountants.

This correspondence regarding a loan for 75% of the estimated project cost does not comply fully or literally with the requirements of item 1(a) of the application form or Section 301.6(b) of Title 30 CFR because the terms requested are not evidenced, except that the Spokane and Eastern Branch's reply indicates a 10 year loan was requested. The letters to the banks, however, state that the

43683

applicant is prepared to submit any particular information required. The financial statement indicates a lack of quick assets and, probably, acceptable collateral.

It appears from the applicant's financial condition and the replies from the banks that the applicant is financially eligible for federal assistance in the proposed exploration work, provided that the Director waives the technical requirements mentioned in the preceding paragraph.

Attachment

EDTalbert/ama
June 21, 1961

Copy to: Docket
Director's Reading File
Mr. Talbert

OME-6132 (Copper-Cobalt) Contract 2131

Idaho Copper Mines, Inc.

✓ 11009 Jasper Avenue

Edmonton, Alberta,

Canada

Contract dated Sept. 21, 1961

Pseud cert. in Termination Agreement Feb. 15, 1963

Royalty period ends Sept 21, 1972.

Govt. Contribution $1,633.12

Operator is owner of property which was the subject of a prior application DMEA-5623 by Gramlich Minerals, Inc., which was denied. The I.C.M. Inc. performed some additional exploration, after the denial, that disclosed more favorable evidence of mineralization.

For 63 Ownership change since Oct. 15, 1962

Production " " " "

[illegible]

[illegible]

[illegible] Nov 1965

[illegible]

QUITCLAIM DEED 94995

For Value Received, we, J. W. GRAMLICH, SR., PHILIP F. GRAMLICH and JOHN W. GRAMLICH, JR.

do hereby convey, release, remise and forever quit claim

unto IDAHO COPPER MINES, INC.,

the following described premises, to-wit:

All of the interest of the above named grantors in and to the following named unpatented mining claims in Lemhi County, State of Idaho, to-wit:

Gap Group 1 to 7 inclusive; Bob Cat Group 1 to 39 inclusive; Michelle Group 1 to 42 inclusive; Monette Group 1 to 32 inclusive; Glance Group 1 to 8 inclusive; Bug Group 1 to 2 inclusive; Mount Zither Group 1 to 6 inclusive,

together with their appurtenances.

Dated: December 8, 1960

Signed (Seal)
J. W. Gramlich, Sr.

Philip F. Gramlich (Seal)
Philip F. Gramlich

John W. Gramlich (Seal)
John W. Gramlich, Jr.

STATE OF UTAH)
)SS
COUNTY OF GRAND)

On this 13 day of December, 1960, before me, a notary public in and for said State, personally appeared J. W. Gramlich, Sr., Philip F. Gramlich and John W. Gramlich, Jr., known to me to be the persons whose names are subscribed to the within instrument, and acknowledged to me that they executed the same.

Verona Dalton
Notary Public

Residing at Moab, Utah
Commission Expires: 10-14-1963

QUIT CLAIM DEED 95472

THE GRANTOR HARRIET TARKALSON, for and in consideration of one dollar and other good and valuable consideration, conveys and quit claims to IDAHO COPPER MINES, INC., an Idaho corporation, all interest in the following described real estate, situate in the County of Lemhi, State of Idaho:

Thirty percent interest in Eastfork Mineral Claims Nos 1 through 28 inclusive, located within Indian Creek Mining Division, Lemhi County, Idaho, according to the records thereof recorded in Book 7 of Mining Claims, pages 155 through 165, 620, 621, 622.

All of which claims are situate in Lemhi County, Idaho.

TOGETHER WITH all title or interest therein which may hereafter be acquired by the Grantor.

DATED at Hall, Montana, this 22nd day of June, A.D. 1961.

Mrs Harriet Tarkalson

STATE OF MONTANA)
)
COUNTY OF Granite)

On this day personally appeared before me, Harriet Tarkalson to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 22nd day of June, A.D. 1961.

Robert E. Tucker

Notary Public in and for the State of Montana, residing at Hall, Montana.

NOTARY PUBLIC, for the State of Montana
Residing at Hall, Granite County
My Commission Expires April 13, 1964

QUIT CLAIM DEED 95035 FMM

THE GRANTOR, LESLIE O. SMITH, for and in consideration of Ten Dollars and other good and valuable consideration, conveys and quit claims to IDAHO COPPER MINES, INC., an Idaho corporation, all interest in the following described real estate, situate in the County of Lemhi, State of Idaho:

Copper Hill Mining Claims Nos. 1 through 5, inclusive, according to the records thereof in the office of the Lemhi County, Idaho Recorder; Silver Lead Mining Claim, according to the records thereof in the office of the Lemhi County, Idaho Recorder; and

Thirty per cent interest in East Fork Mineral Claims Nos. 1 through 28, inclusive, located within Indian Creek Mining Division, Lemhi County, Idaho, according to the records thereof recorded in Book 7 of Mining Claims, pages 155 through 165, 620, 621 and 622.

All of which claims are situate in Lemhi County, Idaho.

TOGETHER WITH all title or interest therein which may hereafter be acquired by grantor.

DATED at Yakima, Washington, this 14th day of February, 1961.

original - signed by (FMM)
Leslie O. Smith

STATE OF WASHINGTON)
: ss.
County of Yakima)

On this day personally appeared before me LESLIE O. SMITH to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 21st day of February, 1961.

FMM
Howard Hettinger
NOTARY PUBLIC in and for the State of Washington, residing at Yakima.

QUIT CLAIM DEED 95036

THE GRANTORS, ARTHUR and VIRGINIA A. MAY, for and in consideration of Ten Dollars and other good and valuable consideration, conveys and quit claims to IDAHO COPPER MINES, INC., an Idaho corporation, all interest in the following described real estate, situate in the County of Lemhi, State of Idaho:

> Forty per cent interest in East Fork Mineral Claims Nos. 1 through 28, inclusive, located within Indian Creek Mining Division, Lemhi County, Idaho, according to the records thereof recorded in Book 7 of Mining Claims, pages 155 through 165, 620, 621 and 622.
>
> All of which claims are situate in Lemhi County, Idaho.
>
> TOGETHER WITH all title or interest therein which may hereafter be acquired by grantors.

DATED at Mountlake Terrace, Washington this 15th day of February, 1961.

Arthur May

Virginia A. May

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

On this day personally appeared before me ARTHUR MAY and VIRGINIA A. MAY to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 15th day of February, 1961.

EDWIN T. HUNT JR. NOTARY PUBLIC STATE OF WASHINGTON

Edwin T. Hunt Jr.

Notary Public in and for the State of Washington, residing at ~~Mountlake Terrace~~ Seattle, Washington.

Report on Exploration Assistance Application

Applicant:
Idaho Copper Mines, Inc
Box K-56
Salmon, Idaho

OME-6132-(Cu.-Co)
Dated: June 12, 1961
Received: " 15, "
Name of Property: List of eleven (11) claim groups

Location:
Lemhi County, Idaho

1. Proposed exploration and estimated costs:

I. Underground:

"B" drift - 800' @ $20/ft	$16,000.00
"A" drift - 1000' @ $20/ft	20,000.00
Diamond drilling 3500' @ $3.50/ft	12,250.00

II. Surface:

Trenching 1125' @ $20/ft	22,500.00
Diamond drilling 4000' @ $5.00/ft	20,000.00

III. Engineering & Geology

Self-potential surveys	800.00
Soil samples	800.00
Surveying & mapping	4500.00
Assaying	3150.00
Total	$100,000.00

2. Financial Eligibility

See Mr. Talbert's memorandum of June 21, 1961 - (right side of docket)

3. The geologic and other data submitted by the applicant, together with the field team report in connection with a previous application DMEA-5023 covering the same area, indicate that some exploration in the proposed area is warranted.

4. The writer recommends that the application be referred to Report I, for its recommendations.

Jay Murphy

MME FORM 6 REFERENCE SLIP

REV. 2-59 OFFICE OF MINERALS EXPLORATION 8/ 3/61

TO:		DATE	INITIALS
1.	Chief, Div. of Field Operations 6132		
	Re: OME-~~1632~~ (Copper-Gold)		
2.	Idaho Copper Mines, Inc.		
3.	Idaho Copper Mine Lemhi County, Idaho		
4.	Donald R. MacLaren		
5.	D. R. MacLaren		
FROM:	Acting Field Officer, Region I		

FOR: Check items for action desired

X Action	____ Reply for signature of ____	
____ Approval	____ Investigate	____ Surname
____ Comment	____ Recommendations	____ Signature
____ Conference	____ Rewrite	____ File
____ Instructions	____ Your information	

REMARKS:

Transmittal of bids for diamond drilling from three contractors and Thermofax copy of letter 7/29/61 to Mr. MacLaren with attachment.

Referred to Reg I 6/23/61

INT.-DUP. SEC., WASH., D.C. M50943

Idaho Copper Mines, Inc.

Suite 210 - 11026 JASPER AVENUE
EDMONTON, ALBERTA

TELEPHONE HUnter 6-4300

Field Office, Salmon, Idaho.
July 29, 1961.

Mr. D. R. MacLaren,
Office of Minerals Exploration,
S. 157 Howard Street,
Spokane 4, Washington.

Re: OIE-~~1632~~ 6132 (Copper-Cobalt)

Dear Mr. MacLaren:

Enclosed you will find copies of bids for underground Diamond Drilling from three independent contractors as you requested at the time of your recent visit.

Mr. Nelson will be forwarding in todays mail, the additional information required in connection with our application.

Thank you.

Yours very truly,

IDAHO COPPER MINES, INC.,

K. A. Suitor.

Encls.
cc
File

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 7 1961

DATE	INITIALS	CODE
8/8	~~Hammond~~	50C
~~8/8~~	~~Murphy~~	~~50C~~

RECEIVED
AUG 1 1961
U.S.G.S.
SPOKANE, WASH.

drill bid

used

Diamond Drilling Contractor

NICHOLS
CORE DRILLING CO., Inc.

AL NICHOLS
GENERAL MANAGER

111 E. 39TH ST.

PHONE 4-2575

BOISE, IDAHO

DON NICHOLS
ASSISTANT MANAGER

P. O. BOX 2057

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 7 1961

DATE	INITIALS	CODE

JULY 25, 1961

Best Bid. JAM

MR. KENNETH SUITOR
IDAHO COPPER MINES, INC.
P. O. BOX K-56
SALMON, IDAHO

DEAR MR. SUITOR:

RELATIVE TO YOUR PROPOSED UNDERGROUND EXPLORATION PROJECT, WE ARE PLEASED TO PRESENT THE FOLLOWING QUOTATION FOR YOUR CONSIDERATION:

1. MOBILIZATION AND DEMOBILIZATION LUMP SUM $450.00.
2. DRILLING:
   A. NX DRILLING:
      (1) 0 TO 250' AT $5.75 PER LINEAL FOOT. surface
      (2) 250' TO 500' AT $6.75 PER LINEAL FOOT.
   B. BX DRILLING:
      (1) 0 TO 250' AT $5.25 PER LINEAL FOOT.
      (2) 250' TO 500' AT $5.75 PER LINEAL FOOT. } $6.00 ± Avg
      (3) 500' TO 750' AT $6.60 PER LINEAL FOOT.
   C. AX DRILLING:
      (1) 0 TO 250' AT $4.90 PER LINEAL FOOT.
      (2) 250' TO 500' AT $5.35 PER LINEAL FOOT. } $5.40 Avg
      (3) 500' TO 750' AT $5.95 PER LINEAL FOOT.
3. REAMING DRILL HOLE AT $2.65 PER LINEAL FOOT.
4. CEMENTING DRILL HOLE, DRILLING CEMENT, OR SURVEYING DRILL HOLE AT $12.00 PER HOUR PLUS COST OF CEMENT.
5. CASING DRILL HOLE AT $ .65 PER LINEAL FOOT. .70
6. DELAYS CAUSED BY YOU AT $8.50 PER HOUR.
7. CORE BOXES AT $5.00 EACH.
8. IT IS UNDERSTOOD THAT YOU WILL CUT AND PREPARE ADEQUATE UNDERGROUND DRILL STATIONS AND WILL FURNISH SUFFICIENT AIR AND WATER AT THE DRILL STATION.
9. IT IS ALSO UNDERSTOOD THAT THIS BID IS BASED ON A MINIMUM OF 2,000 LINEAL FEET OF DRILLING, AND ALSO BASED ON A ONE MACHINE BASIS.
10. IN THE EVENT IT IS NECESSARY TO USE A DRILLING MUD FOR A CIRCULATING MEDIA, WE WILL BILL YOU AT OUR COST AT THE MINE FOR THE DRILLING MUD OR ADDITIVES PLUS 10% FOR HANDLING AND MIXING.

THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA

AFTER HAVING EXAMINED THE PROPERTY, WE WOULD SUGGEST THAT STRONG CONSIDERATION BE GIVEN TO DRILLING IT NX SIZE. WE HAVE DRILLED IN THE ADJOINING AREA AT COBALT AND DEER CREEK FOR APPROXIMATELY SEVEN YEARS, AND WE ALWAYS FOUND OUR BEST CORING WAS BY USING THE LARGER SIZE CORE BARRELS. THEN, TOO, WE ARE BASING OUR BID ON USING A LARGE HYDRAULICALLY FED DIAMOND DRILL WITH SWIVEL TUBE CORE BARRELS.

WE WISH TO THANK YOU FOR YOUR INTEREST IN OUR COMPANY. IF AWARDED THE WORK, WE ARE SURE THAT WE CAN PERFORM VERY SATISFACTORILY.

YOURS VERY TRULY,

NICHOLS CORE DRILLING CO., INC.

Alvin P. Nichols

ALVIN P. NICHOLS
PRESIDENT

APN:SJH

RECEIVED
AUG 1 1961
U.S.G.S.
SPOKANE, WASH.

PHONE
Sunset 67401

Vivian Bros., Inc.

DIAMOND CORE DRILLING CONTRACTORS

OFFICE AND SHOP
209 WEST CAMERON
KELLOGG, IDAHO

MAILING ADDRESS
P. O. BOX 780
KELLOGG, IDAHO

July 25, 1961

K. A. Suitor
Idaho Copper Mines
North Fork, Idaho

Quotations for drilling 2000 feet underground at the Idaho Copper Mines, each hole being approximately 200 feet deep.

Drilling BX size hole	$8.50 per ft.
Drilling AX size hole	7.00 per ft.
Reaming AX to BX size hole	3.50 per ft.
Placing casing in hole and removing casing from hole	10.00 per hr.
Cementing and drilling out cement	12.00 per hr. plus cost of cementing materials
Waiting for cement to set during regular shift hours	6.00 per hr.
Delays for lack of water or air	6.00 per hr.

The mining company is to provide drilling stations adequate for pulling rods in 10 ft. lengths, and provide the following at the drill stations:

At least 300 cubic feet of compressed air per minute, at not less than 90 lb. pressure while the drill is in operation.

Sufficient water for drilling.

H. H. Vivian

H. H. Vivian

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 7 1961

DATE	INITIALS	CO...

RECEIVED
AUG 1 1961
U S G S
SPOKANE, WASH.

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

Boyles Bros. DRILLING COMPANY

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

East 3408 Main Avenue
Spokane 24, Washington

BRANCH OFFICES
PHOENIX
RENO
SPOKANE
TUCSON
SACRAMENTO
ST. LOUIS

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 7 1961

DATE	INITIALS	CODE
	Reply to: Spokane	

July 25,1961

Mr. K. A. Suitor
Idaho Copper Mining Co.
North Fork, Idaho

Dear Mr. Suitor:

We submit the following rates for drilling underground at your property in the North Fork area of Idaho.

1. Mobilization of crews and equipment: $360.00

2. Drilling Rates:

	AX	BX
0 to 200ft.	$6.30 per ft.	$6.80 per ft.
200 to 400ft.	$6.80 per ft.	

3. Reaming for AX Casing: $3.00 per ft.

4. Cementing will be at the rate of $11.60 per hour plus the cost of cement or cement substitute, including drilling mud.

5. Lost casing will be charged for at list price f.o.b. the job.

6. Surveying holes and other delays requested by your company will be charged for at the rate of $10.60 per hour.

7. Adequate air and water will be furnished to drill stations at no cost to Boyles Bros.

8. Drill stations will be adequate to accomodate a 10ft. pull of rods.

Thank you for calling on us.

Very truly yours,
O C Bouquot
O. C. Bouquot
District Manager, Northwest

RECEIVED
AUG 1 1961
U S G S
SPOKANE, WASH.

Idaho Copper Mines, Inc.

Suite 210 - 11005 JASPER AVENUE
EDMONTON, ALBERTA
TELEPHONE NUMBER 9-6300

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 7 1961

DATE	INITIALS	CODE

July 29, 1961
Field Office
Salmon, Idaho

Mr. D. R. Mac Laren
Office of Minerals Exploration
So. 157 Howard Street
Spokane 4, Washington

Re: ~~OME-1632~~ 6132 (Copper-Cobalt)

Dear Mr. MacLaren:

I am forwarding to your office the one hundred scale surface map and several crossesections which show the proposed surface trenching and diamond drilling program. Also enclosed with this letter is a revised program. As I did not have time to make copies of these maps, I would like to have them returned.

I am in doubt as to the necessity of two holes from the same location; however I have included them in the program in case the reults of the inclined holes deem it advisable to drill the vertical hole. Also results of the drilling may indicate that the inclined hole may be eliminated and only the vertical hole need be drilled.

I am also enclosing with the maps an assay map showing the results of my resampling of the "B" drift. Because of the number of samples and ensuing cost of assaying all these samples, I selected the even numbered locations to be assayed. As I explained to you these samples were taken from the track level to the back and all measurements were taken normal to the horizontal plane.

I hope that I have included all the material necessary for you make your report. If any other information is needed, I will be glad to forward it to you.

Sincerely yours,

/s/ La Verne B. Nelson,

La Verne B. Nelson, Geologist

RECEIVED
AUG 1 1961

Idaho Copper Mines, Inc.

Suite 210 - 11005 JASPER AVENUE

EDMONTON, ALBERTA

TELEPHONE [illegible]

REVISED PROGRAM FOR OME APPROVAL

Re: OME ~~6232~~ 6132 (Copper-Cobalt)

STAGE I (Surface)

1. Dig trenches 1 & 2 before starting surface diamond drilling. If a drilling rig is available Before trenches 1 & 2 are completed then holes 3 & 4 may be drilled without previous trench work. However trenching must be contiguous with drilling in order to continue drilling program.

2. Surface diamond drill holes nos. 1,2,3 & 4. Holes at 55 degrees will be drilled first and vertical holes will then be drilled if results of inclined holes warrant.

3. Continue trenching program with trenches 3,4,5 & 6 being dug in that order.

4. Complete drilling holes in numerical order

STAGE II (Underground)

1. Drifting and diamond drilling as proposed in original program and dependent upon results of stage I.

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O. M. E.
RECEIVED AUG 7 1961

DATE	INITIALS	CODE

RECEIVED
AUG 1 1961
SPOKANE, WASH.

MME Form 40
Dec. 1958

RECEIVED
JUN 12 1961
SPOKANE, WASH.

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.)*

IDAHO COPPER MINES, INC.,
BOX K-56
SALMON, IDAHO, U.S.A.

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: OME-6132
DATE RECEIVED: 6-15-61
REGION: I
DIVISION CODE: 500

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL	
CORPORATION	X
PARTNERSHIP	
OTHER *(Specify)*	

STATE IN WHICH FIRM IS ORGANIZED: IDAHO

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
President: Lyman DeStaffany,	11025 - Jasper Avenue, Edmonton, Alberta.	
Vice-President: Dorothy DeStaffany,	11025 - Jasper Avenue, Edmonton, Alberta.	
Secretary-Treasurer: Kenneth A. Suitor,	Box K-56, Salmon, Idaho, U.S.A.	

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Copper, Gold, Silver, Cobalt.

ESTIMATED COST OF PROJECT: $ $100,000.00

PROPERTY NAME	LOCATION COUNTY	STATE
Idaho Copper Mines, Inc.,	Lemhi,	Idaho.

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 four 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.

June 12, 1961
DATED

Kenneth A. Suitor
BY *(Signature)*

Secretary-Treasurer.
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 exploration [redacted] cost.

2. Applicant's Rights in Land:

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

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

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

3. Physical Description:

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

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

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

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

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

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

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

4. Accessibility of Property:

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

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

5. Exploration Work:

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

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

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

6. Experience:

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

7. Estimate of Costs:

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

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

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

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

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

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

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

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

INT.-DUP. SEC., WASH., D.C. 48740

1. FINANCIAL ELIGIBILITY:

(a) As Attached
(b) N/A
(c) Through proposed rental of machinery and items listed on page 5, Sec. 7.(d), as well as application of nominal funds at hand.

2. APPLICANT'S RIGHTS IN LAND:

(a,b) The following unpatented mining claims, on which the exploration program is proposed, are owned 100% by the applicant, free of all liens or encumbrances;

GAP 1-7, BOB CAT 1-39, MICHELLE 1-42, MONETTE 1-32, GLANCE 1-8, BUG 1-2, MOUNT ZITHER 1-6, COPPER HILL 1-5, SILVER LEAD 1., as located on the attached Claim Map and Recorded with the Salmon, Idaho Recorder, Book 48, Page 74.

JEWETT 1, 4, and 5 as located on the attached Claim Map and Recorded with the Salmon, Idaho Recorder, Book 48, Page 147.

The following adjacent unpatented mining claims are owned 70% by the applicant, free of all liens or encumbrances;

EAST FORK 1-28 as recorded with the Salmon, Idaho Recorder.

Presently the above is referred to as the Idaho Copper Mine, but has been known as the "Gramlich" or "Jewett" claims.

(c) N/A

3. PHYSICAL DESCRIPTION:

(a) Previous to last fall the exploration work completed on the property consisted of two small drifts and several location trenches. A Cobalt drift located in the N.E.$\frac{1}{4}$ Sec.33,T4S,R20W., was driven fifty eight feet in a northwesterly direction. The other drift, located approximately in the center of S.E.$\frac{1}{4}$,Sec.33,T4S,R20W., has caved near the portal and cannot be entered. The former claim owner states that the drift was driven one hundred feet in a northeasterly direction. A location trench marked with an X on the Area Map and located in the S.E.$\frac{1}{4}$,Sec.34,T4S,R20W., uncovered some favorable looking gossan. Other areas in which logging roads and location trenches have uncovered mineralized zones are marked with an X are in the S.E.$\frac{1}{4}$,Sec.23,T4S, R20W., the N.E.$\frac{1}{4}$ and S.E.$\frac{1}{4}$,Sec.26,T4S,R20W., and the N.E.$\frac{1}{4}$,Sec.35, T4S,R20W.

Last fall a logging road cut uncovered some mineralization which led to the present exploration program. The location of this mineralized zone is near the center of Sec.34,T4S,R20W. At present a drift located thirty feet below the logging road cut is being driven in a northeasterly direction along the strike of the mineralized zone.

(b) Applicants only interest in above work is the present drift.
(c) There has been no known production from this property to date.
(d) There has not been enough work done to establish ore reserves.
(e) The area under consideration has had no detailed geologic work done on it. The rocks of the area are of the Belt Series consisting of interbedded quartzites and schists which were metamorphosed during the time of the injection of the Idaho Batholith and during deformation both before and after the injection of the Batholith. A gabbro dike is exposed in the drift and the mineralization may possibly be associated with the injection of this dike.

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(e. ...6on't.)
The mineral is a replacement type of deposit forming along planes of weakness such as shears, faults and bedding. Mineralization occurs in both the quartzite and schist although the softer schists carry more mineral than the quartzites. The beds strike N60E and dip 33 to 48 degrees to the southwest.
The known ore minerals are chalcopyrite, malachite, azurite, covellite, gold, silver and cobaltite. The cobaltite mineral does not appear in the drift which is presently being driven.

(f) Samples taken from the trench cut at the location of the present drift averaged 1.31% copper. The trench geology map indicates a possible mining width of three to six feet. There also are two other zones approximately thirty five feet into the hanging wall side of the drift that may carry enough mineralization to be mineable.
In the claim location trench in the SE 1/4 Sec.34,T.4S.,R.20W. fifteen samples were taken along a one hundred foot width. These samples averaged 3.54 per cent in copper and ranged in value from zero to 13.33 per cent copper. Because the samples were grabbed at random and cannot be accurately placed on a map, the copper values of each sample were added together and divided by the number of samples without regard to width of individual sample. Copies of the assay certificates of the samples are included in this report.
An assay map of the present drift accompanies this report. The metal values of each sample are given from left to right in the following order: Copper, Gold, and Silver. Gold and silver assays were not taken on every sample and are indicated so by "no assay". Except where indicated on the assay map, channel samples were taken horizontally from the left rib to the right rib at waist height. The width of each sample is shown preceeding the assay values. Car samples and the area from which the sample came are indicated on the map. The number of cars were not counted for every round; however, the average number of twenty cube cars per five foot round is twenty.

(g) Copies of a report of preliminary investigations made on this property during June 1957 by Edward L. Clark, who at that time was associated with Four Corners Uranium Corporation, are included in this report.

4. ACCESSIBILITY OF PROPERTY:

(a) The property can be reached by car from North Fork, Idaho. From North Fork follow the forest service road down the Salmon River to the Indianola Ranger Station, a distance of eleven miles. Take the first road to the right past the Ranger Station and follow this road up Indian Creek for a distance of five miles. At this point a road to the right crosses Indian Creek and follows the East Fork of Indian Creek. This road leads to the present workings, a distance of five miles from Indian Creek. The road straight ahead at the East Fork turnoff leads to the campsite, a distance of one-half mile. The OME representative will be met at the campsite by Mr. Kenneth Suitor or arrangements can be made for Mr. Suitor to meet the reprsentative at North Fork.

(b) The local supply point for the mine is Salmon, Idaho, a distance of thirty seven miles. Daily stage runs are made out of this point to Idaho Falls, one hundred sixty miles to the south and to Darby, Montana, a distance of eighty miles to the north. Darby is the nearest railhead. Main supply houses serving the area are in Missoula, Montana, a distance of one hundred forty two miles to the north.

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5. EXPLORATION WORK:

(a) At the present time the five by seven foot "B" drift is being driven along the mineralized zone. This drift will be driven eight hundred feet from the present face of the drift north. One hundred foot diamond drill holes will then be drilled into the footwall and hanging wall ribs on one hundred foot centers to determine the width and mineral value of the zone. If results of these holes warrant, holes will then be drilled on fifty foot centers to determine the continuity of the zone. Ax and Bx core sizes will be used depending upon core recovery. The "A" drift located near the trench in the SE 1/4 Sec.34,T.4S.,R.20W. is proposed to intersect and follow the mineralization exposed in the trench. The adit of the old drift located near the trench will be opened up and if found in suitable condition, drifting will start at the face of this drift and continue for one thousand feet along the strike of the mineralization. Diamond drilling will then be started and will follow the same pattern of drilling as proposed above.
A surface trenching program will be carried out along with self potential surveys and soil sampling on the other areas where mineralization has been found. The four areas of interest at present are marked by an (X) on the area map and are located in the NE 1/4 Sec.33,T.4S.,R.20W., the SE 1/4 Sec.23,T.4S.,R.20W., the NE 1/4 Sec.26,T.4S.,R.20W., and the NE 1/4 Sec.35,T.4S.,R.20W.
A surface diamond drilling program will be carried out where the self potential surveys, soil sampling, and trenching programs indicate that there may be mineable ore bodies at depth. If the dip and strike of the mineralization is such that drill stations may be located on the Hangingwall side, holes will be drilled to intersect the mineralization between three hundred and four hundred feet below the surface. Two holes will be drilled from each station; one hole to intersect the mineralization at right angles and the second hole will be drilled near vertical.

Summary of estimated cost of proposed work:

I. Underground		
A. Drifting (6months)		
1. "B" drift--800 ft. @ $20.00/foot	$16,000	
2. "A" drift--1,000 ft @ $20/ft.	$20,000	
		$36,000
B. Diamond drilling - 3,500 ft. @ $3.50/ft	$12,250	
		$12,500
II Surface		
A. Trenching (3 months) 1,125 ft. @ $20/ft.	$22,500	
B. Diamond drilling (3 months) 4,000 ft. @ $5/ft.	$20,000	
		$42,500
III Engineering and Geology		
A. Self potential surveys (2months)	$ 800	
B. Soil samples (2 months)	800	
C. Surveying and mapping (6 months)	4,500	
D. Assaying (6 months)	3,150	
		$ 9,250
		$100,000

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(b) Numerous logging and forest service roads in the area, eliminate building practically all of the necessary access roads to the known surface showings.

(c) The exploration program is under way at the present time and will continue if O.M.E. funds are available prior to July 1, 1961. The program is scheduled for completion December 31, 1961.

6. EXPERIENCE:

See attached.

7. ESTIMATE OF COSTS:

(a) Surface Diamond Drilling will be let by bid contract for 3,500' at an approximate cost of $5.00 per foot.

(b) Personal Services:

Miners	(4)	$2.50 per hr. plus bonus
Mechanics	(2)	2.25 per hr.
Surface Lab.	(2)	2.25 per hr.
Drillers	(2)	2.50 per hr. plus bonus
Assayer	(1)	400. per mo.
Cook	(1)	300. per mo.
Geol. Help	(2)	400. per mo.
Geologist	(1)	500. per mo.
Supervisor	(1)	500. per mo.

All services available.

(c) Operating materials: F.O.B. Mine.

Pipe 2"	.38 per ft.
Pipe 4"	.75 per ft.
Rail (20lb.)	16.31 per 20'
Explosives	23.80 cwt.
Fuel	.19.8 per gal.
Gasoline	.31.7 per gal. (Less tax)
Lube. Oil	70.00 per bbl.
Drill Steel	14.50 ea.
Power	200.00 per mo.
Water	100.00 per mo.

(d) Operating Equipment:

Available for Rent:

1 - 1961 Willis 4 wheel drive "Jeep" Pickup	$ .05 per mi. + op.
1 - 1949 Willis 4 wheel drive "Jeep" Universal	.05 "
1 - 1961 Pontiac 4 door sedan	.08 "
1 - D6 Caterpillar Hydralic Loader/Dozer	14.00 per hr.
1 - D7 Caterpillar Hydralic Dozer/Ripper	16.00 "
1 - D8 Caterpillar Hydralic Dozer/Ripper	18.00 "

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(d. ...con't)

OPERATING EQUIPMENT OWNED BY COMPANY:

1/6/61	Item	Condition	Value	Rental Rate
1 Only	Model S160 International Truck (4x4)	4000 mi	4,000.00	6.50 per hr.
1 "	D4 Caterpillar c/w Blade & Winch	850 hrs	10,500.00	12.00 "
1 "	Gardner-Denver Compressor 600cfm "Cat" Drive	Al	7,500.00	800.00 per mo.
1 "	Eimco 12B Mucking Machine	Al	3,200.00	300.00 "
2 "	20 cu. Wabi Side Dump Mine Cars	Al @240.00	480.00	50.00 "
8 "	Atlas Copco Jackleg Rock Drill	Al @350.00	2,800.00	75.00 " ea.
2 "	Ingersoll-Rand Stoper/Jacklegs	Al @520.00	1,040.00	75.00 " ea.
2 "	Holman Bros. Rock Drills Jacklegs	Al @520.00	1,040.00	75.00 " ea.
1 "	Atlas Steel Grinder	Good	140.00	15.00 "
1 "	Meco Air Fan	Al	350.00	60.00 "
1 "	Air Receiver	Al	450.00	30.00 "
1 "	Water Receiver	Al	250.00	20.00 "
2 "	Boyles Bros. Underground Diamond Drills	Al	2,500.00	300.00 " ea.
800'	Drill Rod / 5 core barrels	Al @1.00'	800.00	150.00 "
2 Only	Boyles Bros. Diamond Drill Pumps	Al @250.00	500.00	60.00 " ea.
1 "	2" Master Pump	Al	140.00	20.00 "
2000'	1" Plastic Pipe (Water)	New@10.20cwt	240.00	25.00 "
12Only	Edison Mine Lamps c/w Charger	Fair @55.00	660.00	8.00 " ea.
6 "	Wheat Mine Lamps c/w Charger	New @46.00	280.00	8.00 " ea.
2 "	Onan Electric Welders/Lighting Plant	New@700.00	1,400.00	150.00 " ea.
2 "	Oxy/Acet. Welding Sets	Al @100.00	200.00	20.00 " ea.
1 "	I.Rand Double Drum Slusher 7½ H.P.	New	950.00	100.00 "

Misc. Equipment & Stock:

105 pcs Atlas Tungsten Carbide Drill Steel - 2',4',5',6',8' @14.50 1,540.00 Charged as consumed

Air Hose, Wire Rope, Victaulic Pipe Couplings, Fittings, Valves, Grinding Wheels, Nuts & Bolts, Shovels, Axes, Picks, Wheel Barrel, Chain Blocks Chain, Rope Blocks, Track Bolts, Track Spikes, Eimco Parts, Copco Parts, Caterpillar Parts, Rock Bolts, Pipe tools, Mechanical tools. 2,850.00 Charged as consumed

Machinery to be moved to Mine site; Transportation Chgs. 950.00 (Freight)

1 Only	Joy Compressor "Cat" Drive 315cfm	Good	5,500.00	450.00 per mo.
1 Only	Eimco 12B Mucking Machine	Al	3,200.00	300.00 "
1 "	Lister Diesel Lighting Plant 5KVA	Al	2,300.00	150.00 "

BUILDINGS:

1 -	Compressor House 16'x20'(Frame)	New	600.00	75.00 per mo.
1 -	Log Cabin, Cookhouse/Bunkhouse 25'x35'	Good	500.00	75.00 "
1 -	Bunkhouse 12'x14' Tentframe	New	100.00	15.00 "
1 -	Office & Assay Office c/w Equip.	New	2,500.00	250.00 "
1 -	Mgr. Residence, 8'x40' Housetrailer	Al	3,000.00	150.00 "

(e) Item included in 7. (b).
(f) N/A
(g) Miscellaneous:

Accountanting	$ 500.00 per mo.
Workmens' Compensation, Employee Liability Insurance, payroll taxes.	16.5% of payroll per mo.

6. EXPERIANCE:

Mr. Kenneth A. Suitor, a Canadian Citizen and Immigrant to the United States, is Secretary of Idaho Copper Mines, Inc., and Manager of the explor--ation project. He has been actively engaged in mining for the past 8 years. He developed a private Alberta (Canada) company, Northshore Uranium Developers Limited, which produced Uranium Ores profitably from 1957 until operations ceased in 1960 when contracts for the sale of Uranium Ores terminated.

He formed a company called Ruth Gold Mines Limited, which leased a property in the Northwest Territories of Canada from Consolidated Mining & Smelting Company. This property he brought into Gold production in 1959. However, the ore grade and mill recovery proved inadequate for the area and profits so the operation was terminated.

Mr. Lyman DeStaffany, President and Managing Director of the Company has had a wide experiance in different types of mining including Coal, Lode Gold mining, Placer Gold Mining and Uranium mining and has held executive capacity in numerous companies. He is presently President and Managing Director of Consolidated Beta Gamma Mines Limited and President and Managing Director of Code Oil & Gas Limited, both Canadian Companies. He is a Director of Cardium Supply Company Limited, Eskimo Fracturing & Well Servicing Limited, Eveready Industrial Equipment Company Limited. Mr. DeStaffany is a United States Citizen, presently residing at Edmonton, Alberta, Canada.

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE

EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

OFFICIAL FILE COPY
O. M. E
RECEIVED JUL 14 1961

DATE	INITIALS	CODE
7-14	gad	VVO
		~~FOO~~
~~7-14~~	~~Murphy~~	FOO

Salmon, Idaho Field Office
July 12, 1961

U. S. Department of Interior
Office of Minerals Exploration
Washington 25, D. C.

Re: OME - 6132

Gentlemen:

As per my letter of July 8th, 1961 find enclosed Boyles Bros. Drilling Company, Spokane Office, bid in duplicate; also Vivian Bros. Inc. of Kellogg, Idaho bid in duplicate on our proposed drilling program.

Thanking you kindly for your immediate attention and with regards, I am,

Very truly yours,

John D. Kathyen for
Kenneth A. Suitor

Kenneth A. Suitor, Secy-treas.

4 Encl.

extra copys to
Reg I

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

Boyles Bros. DRILLING COMPANY

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

BRANCH OFFICES
PHOENIX
FRESNO
SPOKANE
DENVER
SACRAMENTO
ST. LOUIS

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 14 1961

DATE	INITIALS	COPY
	Reply to: Spokane	

East 3408 Main Avenue
Spokane 24, Washington

July 7, 1961

OME-6132

Mr. K. A. Suitor
Idaho Copper Mining Co.
North Fork, Idaho

Dear Mr. Suitor:

We submit the following rates for your proposed drilling program in the North Fork, Idaho area.

1. Mobilization of crews and equipment: $450.00

2. Casing through overburden: 0 to 50ft. $12.60 per ft.

3. Drilling Rates:

	AX	BX	NX
0 to 50ft.			$8.40 per ft.
0 to 200ft.	$7.30 per ft.	$7.80	
200 to 400ft.	$7.80 per ft.	$8.40	

4. Reaming:

For AX Casing	For BX Casing
$3.00 per ft.	$3.60 per ft.

5. Cementing: Cementing will be at the rate of $11.60 per hour plus the cost of cement or cement substitute, including drilling mud.

6. Lost casing will be charged for at list price f.o.b. the job.

7. Surveying and other delays requsted by your company will be charged for at the rate of $10.60 per hour.

Thank you for calling on us.

Very truly yours,

O. C. Bouquot

O. C. Bouquot
District Manager, Northwest

cc: Paul A. Park, Ass't Manager Drilling Division
Salt Lake City, Utah

Vivian Bros., Inc.

DIAMOND CORE DRILLING CONTRACTORS

OFFICE AND SHOP
209 WEST CAMERON
KELLOGG, IDAHO

PHONE
Sunset 9-9167401

MAILING ADDRESS
P. O. BOX 780
KELLOGG, IDAHO

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July 7, 1961

K. A. Sutor
Idaho Copper Mines
North Fork, Idaho

Quotations for drilling at the Idaho Copper Mines. These figures are for a total of 2000 feet of drilling, each hole being approximately 200 feet deep.

AX size	$7.00 per ft.
Reaming for AX casing	3.50 per ft.
Placing casing in hole and removing casing from hole	10.00 per hr.
Cementing and drilling out cement	12.00 per hr. plus cost of cement.
Waiting for cement to set during regular shift hours.	6.00 per hr.

Any drilling to be done under ground, the mining company is to provide drilling stations and compressed air at a minimum of 300 cubic feet per minute at 90 lb. pressure.

H. H. Vivian

H. H. Vivian

Diamond Drilling Contractor

NICHOLS
CORE DRILLING CO., Inc.

AL NICHOLS
GENERAL MANAGER

111 E. 39TH ST.

PHONE 4-2575

BOISE, IDAHO

DON NICHOLS
ASSISTANT MANAGER

P. O. BOX 2057

OFFICIAL FILE COPY
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RECEIVED JUL 13 1961

DATE	INITIALS	CODE

July 1, 1961

Idaho Copper Mines, Inc.
P. O. Box K-56
Salmon, Idaho

ATTENTION: Mr. Kenneth Suitor

Gentlemen:

In reference to our telephone conversation, we wish to submit to you the following estimates for drilling on the Indian Creek property:

1. Mobilization - lump sum $600.00
2. Penetrating overburden at $7.00 per l.f.
3. Drilling
   A. NX Drilling from 0' to 200' at $7.50 per l.f.
   B. BX Drilling
      (1) From 0' to 200' at $7.25 per l.f.
      (2) From 200' to 400' at $8.50 per l.f.
4. Reaming at $2.95 per l.f.
5. Core boxes at $5.00 each.
6. Surveying, stand-by at request of owner and cementing drill hole or drilling cement at $12.00 per hour plus cost of cement.
7. Moving drill from hole to hole, setting up drill and installing water lines at $14.00 per hour.
8. Placing casing whenever necessary in drilling holes at $.65 per foot.
9. It is understood that you will provide us with the necessary engress and egress to the property and that you will provide us with the right to use adequate drill water at the site.
10. It is also understood that you will provide us with adequately prepared drill sites and roads.
11. In the event it is necessary for us to resort to using a drilling mud in order to keep the hole conditioned, we would bill you for the cost of any such drill muds or additives at our cost plus 10% for handling.

We do a lot of our drilling on a shift-rate basis. Perhaps this may be more satisfactory in this area and we believe less costly than a price per foot arrangment. When bidding on a footage basis, it is always necessary for us to include an additional cost for the unknown difficulties that may be encountered. Therefore, we feel that you may be interested in a shift-rate arrangement.

THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA

We are quoting you the following for your consideration:

1. Mobilization - lump sum $600.00
2. Setting up drill, installing water lines, and moving from hole to hole at $135.00 per eight (8) hour shift.
3. Drilling, reaming, cementing hole, or drilling cement, fishing for drilling tools at $150.00 per eight (8) hour shift.
4. You will reimburse us at $1.50 per lf, foot for estimated diamond cost.
5. It is understood that you will reimburse us at our cost for any drilling mud or cement that may be required; however, we will not use drilling mud or cement unless it is absolutely necessary to keep the hole in condition.
6. It is also understood that you will reimbuse us at our cost for any casing or drill rods unavoidably lost in a drill hole. This provision is inserted in our contract so that it will be left to your discretion as to when you would prefer paying for the drilling tools in the hole, rather than spending any more time and money in trying to recover same.
7. We will bill you for the first two hours for any one breakdown of minor consequence. If the breakdown results in the rig being down more than two hours the cost of such breakdown will be borne by us.
8. We will furnish core boxes at $5.00 each.

Under this agreement we will furnish a hydraulically-fed drill rig, skid mounted, and all necessary core barrels and drilling supplies plus a driller and a helper on each shift.

We wish to thank you for this opportunity of being of service to you. We also wish to send our best regards to LaVerne Nelson. We shall be looking forward to hearing from you. Upon hearing from you, we will meet you at Salmon and will talk over your proposed drilling plan in person.

Sincerely yours,

NICHOLS CORE DRILLING CO., INC.

Alvin P. Nichols

Alvin P. Nichols
President

APN:sjh

OFFICIAL FILE COPY
O. M. E
RECEIVED JUL 13 1961

DATE	INITIALS	CODE

DIAMOND DRILL BID
for
IDAHO MINES, INC.

Property near North Fork, Idaho on
Indian Creek

CORING AX Size---------$7.50 per foot to 200 feet deep.
$8.50 per foot from 200 feet to 300 feet.

BX Size --------$8.50 per foot to 100 feet deep.
$9.50 per foot from 100 feet to 200 feet.

REAMING--------- two-thirds of drilling cost.

CASING, CEMENTING, MOVING & SETTING UP--$8.00 per hour.

ANY DIAMOND CASING SHOES USED WILL BE $2.50 EXTRA PER FOOT ADDED TO DRILLING COST.

R. W. Campbell
Core Drilling
Contractor

P.O. Box K-2
Salmon, Idaho

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE

EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

EXTRA COPY
O. M. E
RECEIVED JUL 13 1961
DATE | INITIALS | CODE

Field Office, Salmon, Idaho.
July 8, 1961.

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

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.,
East Fork, et al., Claim Groups
Lemhi County, Idaho.

Dear Sirs:

Thank you for your letter of June 23, 1961, advising our application has been reviewed and referred to Mr. MacLaren in Spokane.

At the time we made application for assistance in exploration of the above captioned Claim Groups our interest in the East Fork Nos. 1 through 28 claims was 70%. Since the application was filed we have obtained ownership of the remaining 30% as recorded in the Salmon Recording Office, Book 8, Page 148.

Attached you will find copies of bids from two independent diamond drilling contractors. To date we have not received bids from the other two companies which requested permission to bid on the job. These will be forwarded when received at this office.

We are taking the liberty of sending two copies of this letter and enclosures to the Regional Office. Trusting you will find the above information satisfactory, we remain,

Yours very truly,

IDAHO COPPER MINES, INC.,

Kenneth A. Suitor

K. A. Suitor, Secretary.

C.C.
File 1
Mr. D.R. MacLaren 2
H.O. 1

Diamond Drilling Contractor

NICHOLS
CORE DRILLING CO., Inc.

AL NICHOLS
GENERAL MANAGER

PHONE 4-2575

DON NICHOLS
ASSISTANT MANAGER

111 E. 39TH ST.

BOISE, IDAHO

P. O. BOX 2057

EXTRA COPY
O. M. E
RECEIVED JUL 13 1961
DATE | INITIALS | CODE

July 1, 1961

Idaho Copper Mines, Inc.
P. O. Box K-56
Salmon, Idaho

ATTENTION: Mr. Kenneth Suitor

Gentlemen:

In reference to our telephone conversation, we wish to submit to you the following estimates for drilling on the Indian Creek property:

1. Mobilization - lump sum $600.00
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      (1) From 0' to 200' at $7.25 per l.f.
      (2) From 200' to 400' at $8.50 per l.f.
4. Reaming at $2.95 per l.f.
5. Core boxes at $5.00 each.
6. Surveying, stand-by at request of owner and cementing drill hole or drilling cement at $12.00 per hour plus cost of cement.
7. Moving drill from hole to hole, setting up drill and installing water lines at $14.00 per hour.
8. Placing casing whenever necessary in drilling holes at $.65 per foot.
9. It is understood that you will provide us with the necessary engress and egress to the property and that you will provide us with the right to use adequate drill water at the site.
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11. In the event it is necessary for us to resort to using a drilling mud in order to keep the hole conditioned, we would bill you for the cost of any such drill muds or additives at our cost plus 10% for handling.

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We are quoting you the following for your consideration:

1. Mobilization - lump sum $600.00
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6. It is also understood that you will reimbuse us at our cost for any casing or drill rods unavoidably lost in a drill hole. This provision is inserted in our contract so that it will be left to your discretion as to when you would prefer paying for the drilling tools in the hole, rather than spending any more time and money in trying to recover same.
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8. We will furnish core boxes at $5.00 each.

Under this agreement we will furnish a hydraulically-fed drill rig, skid mounted, and all necessary core barrels and drilling supplies plus a driller and a helper on each shift.

We wish to thank you for this opportunity of being of service to you. We also wish to send our best regards to LaVerne Nelson. We shall be looking forward to hearing from you. Upon hearing from you, we will meet you at Salmon and will talk over your proposed drilling plan in person.

Sincerely yours,

NICHOLS CORE DRILLING CO., INC.

Alvin P. Nichols

Alvin P. Nichols
President

APN:sjh

EXTRA COPY
O. M. E
RECEIVED JUL 13 1961
DATE

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for
IDAHO MINES, INC.

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Indian Creek

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BX Size --------$8.50 per foot to 100 feet deep.
$9.50 per foot from 100 feet to 200 feet.

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ANY DIAMOND CASING SHOES USED WILL BE $2.50 EXTRA PER FOOT ADDED TO DRILLING COST.

R. W. Campbell
Core Drilling
Contractor

P.O. Box K-2
Salmon, Idaho

C
O
P
Y

GEOLOGICAL NOTES ON THE COBALT AREAS NORTH AND NORTHWEST OF NORTH FORK, IDAHO

The following observations were made during June 1957 on the properties controlled by J. W. Gramlich, Sr., Jesse Thom, and Philip Gramlich. The area under consideration is situated to the north and northwest of North Fork, Idaho, between NorthFork River and Indian Creek. No attempt was made to determine the geological conditions; instead, the examination was of a reconnaissance nature to varify the occurrence of cobalt mineralization and to determine its potential. Local geographic names for more specific identification of the area are Dry Creek, Copper Gulch, Hull Creek West Fork Creek, East Fork Creek, and the old mining camp of Ulysses.

As to geological setting and general environment, the North Fork district is quite similar to the Blackbird district in the relation of the Belt Series to the Idaho Batholith. The batholith is exposed along the Salmon River Canyon southwest of the North Fork Post Office and along the lower reaches of Indain Creek. Contact relations of the emplacement of this quartz monzonite mass in the Belt Series are well exposed in a number of places.

The bedrock that crops out on the properties involved is a part of the Belt Series. The predominant rock is quartzite varying in color from light gray to dark gray and black to green. The bedding is thin with some strata reaching a thickness of 10 to 12 inches. Intensive alteration has produced phyllites, mica (muscovite and biotite) schists, and slates. Pre-existing conglomeratic zones may be considered as grits. Irregularly rounded quartz blobs and masses up to one and one-half inches in diameter are common and may be either the alteration product of original gravel deposited in the Belt sediments or introduced quartz which has replaced parts of the original

..... con't.

sediments. Apophyses of quartz stringers extending from schists suggest replacement as the more likely origin.

The Belt Series in this area is comparable and quite similar to the rocks in the Blackbird District and near Salmon. In some respects the strata are more highly altered in the North Fork district than the schists at Blackbird. Intensive alteration to clay minerals is common. Epidote and chlorite are not uncommon. Silicification with a box-work structure is prevalent in areas of sulfide mineralization. Foliation and schistosity are developed to such a degree that mica schists and phyllites are common.

Copper and Manganese mineralization are widespread in the tributaries of East Fork, along Indian Creek, Dry Creek and Copper Gulch. They are also exposed on the divide between East Fork and West Fork, and on the south slope of the divide between Hull Creek and Hughes Creek. At the surface the carbonates and silicate of copper are prevalent, but at shallow depths, usually less than five feet, chalcopyrite is present. The manganese occurs as psilomelane. Cobalt blossom may be present with either the copper or the manganese, but this relation may be more apparent than real because areas of copper and manganese were examined in more detail than were the shear zones and clay alteration areas. Cobaltite is present in a prospect tunnel on a tributary of East Fork. Specularite and pyrite are common associates with the copper and cobalt. Quartz is a common gangue mineral. Calcite, dolomite and barite were observed but they are not common associated minerals.

True veins were not observed except in the vicinity of Ulysses. Shear and fracture zones contain mineralization in a number of locations. The lateral continuity of such shear zones was not determined, but the impression prevailed that belts of shearing are present in the area. Small veinlets extending from lenticular masses of mineralization are common. Where appreciable mineralization was observed, it appeared to be emplacement by

..... con't.

replacement rather than true vein filling.

In the reconnaissance examination it was not possible to divide the Belt Series into stratigraphic units which can be used for structure mapping. It is possible that such units exist. The bedding is indistinct due to intensive development of foliation and schistosity. Joint and fracture cleavage give a false concept of bedding. The presence of a thick mantle of talus obscures outcrops in much of the area. The presence or absence of major faulting was not observed but such could have been overlooked due to the fracturing and schistosity of the rocks and the paucity of extensive outcrops.

The widespread copper mineralization, the presence of cobaltite in a mine tunnel, the presence of small amounts of cobalt a many locations, the alterations of the Belt Series, and the general geological enviorment of the area as a whole, indicate a potential worthy of detail examination and selective exploration. In some respects the area under consideration appears to be more highly mineralized and altered than is evident on the surface of the Blackbird District. Limited stripping by trenching normal to the apparent strike of the beds has revealed shear and altered zones which contain small amounts of cobalt. A systematic program of trenching is expected to reveal numerous such zones worthy of exploration drilling.

Submitted by

Signed: Edward L. Clark

Edward L. Clark

April 22, 1958
Grand Junction, Colo.

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE
EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

Field Office,
Salmon, Idaho,
May 22, 1961.

The Idaho First National Bank,
SALMON, Idaho, U.S.A.

Dear Sirs:

We are engaged in exploration work, seeking an economic deposit of minerals, concentrating our efforts on the East Fork of Indian Creek, Lemhi County, Idaho.

We have assembled some $60,000.00 in value of machinery and equipment on our Gap group of Claims and are currently driving an Adit on mineralization we previously exposed by Bulldozer open cuts. We have seven employees' at the property, including the writer, in charge of exploration and Mr. LaVerne Nelson as Geologist.

We now find ourselves in a position of inadequate cash funds to sustain an exploration program of sufficient scope to accomplish our objective of proving or eliminating our idea of a hope of materializing a mine potential.

We therefore respectfully request your consideration of this request for a loan or credit totaling $75,000.00 to assist us in our exploration activities. We are prepared to submit to you any particular information you may require.

We hope for your early consideration of this request and your decision.

Yours very truly,

IDAHO COPPER MINES, INC.,

K. A. Suitor

K. A. Suitor, Secretary.

SALMON OFFICE

The Idaho First National Bank

ESTABLISHED 1867

SALMON, IDAHO

May 23, 1961

Idaho Copper Mines, Inc.
Salmon, Idaho

Attention: Mr. K. A. Suitor
Secretary

Dear Mr. Suitor:

We have your letter under todays date in which you request a line of credit in the amount of $75,000.00 for exploration of your Indian Creek property in Lemhi County, Idaho, and we are sorry to advise you this bank has not made it a practice of lending for exploratory purposes and would not be interested in extending this kind of credit.

We would not be in a position of having knowledge of where you might ask for this type of credit at this time, but it might be likely that some Government program could be looked into that would have funds available for mining exploration. Should we hear of any within the next few weeks we will gladly communicate with you.

Yours very truly,

W. G. Ferrier

W. G. Ferrier
Manager

WGF:bjm

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE

EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

Field Office,
Salmon, Idaho,
May 25, 1961.

The Spokane & Eastern Trust Company,
Branch of the First National Bank of Seattle,
Spokane, Washington, U.S.A.

Dear Sirs:

We are engaged in exploration work, seeking an economic deposit of minerals, concentrating our efforts on the East Fork of Indian Creek, Lemhi County, Idaho.

We have assembled some $60,000.00 in Value of machinery and equipment on our Gap Group of Claims and are currently driving an Adit on mineralization we previously exposed by Bulldozer open cuts. We have seven employees' at the property, including the writer, in charge of explor--ation and Mr. LaVerne Nelson as Geologist.

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We therefore respectfully request your consideration of this request for a loan or credit totaling $75,000.00 to assist us in our exploration activities. We are prepared to submit to you any particular information you may desire.

We hope for your early consideration of this request and your decision.

Yours very truly,

IDAHO COPPER MINES, INC.,

K. A. Suitor, Secretary.

SPOKANE AND EASTERN

BRANCH OF SEATTLE - FIRST NATIONAL BANK

SPOKANE 10, WASHINGTON

E. A. LOGAN
VICE-PRESIDENT

May 25, 1961

Idaho Copper Mines, Inc.
Field Office
Salmon, Idaho

Attention - Mr. K. A. Suitor, Secretary

Gentlemen:

This is in reply to your letter of May 25 regarding credit totaling $75,000 on a 10-year basis, to be used in exploration work in your mining activities in Lemhi County, Idaho.

Inasmuch as this operation is not in our area and the fact that it is a term loan, which type of loan we are not seeking at this time, we will have to decline your request.

We appreciate very much your calling on us.

Sincerely,

Vice President

EAL fm

C. EMERSON NOBLE
CHEMICAL ENGINEER
DIRECTOR INDUSTRIAL LABORATORIES
PROVINCIAL ANALYST

EDMONTON, ALBERTA
CANADA

Sept. 6, 1960

Report of Analysis

SAMPLE OF Ore

SUBMITTED BY Mr. Suitor, Consolidated Beta Gamma Mines Ltd.

LABORATORY NUMBER 60 - 6856-61

	Copper
Sample #1	0.20
2	nil
3	0.15
4	nil
5	nil
6	nil

C. Emerson Noble
Director
Industrial Laboratories.

CEN:as

DEPARTMENT OF MINES AND INDUSTRIAL SURVEYS
OTTAWA

Sept. 1, 1960

Report of Assay

SAMPLE OF Ore

SUBMITTED BY Mr. Suitor, Consolidated Beta Gamma Mines Ltd.

LABORATORY NUMBER 60 - 6867 - 71

	Gold		Silver		Copper				Value Per Ton
	oz.	Value	oz.	Value	%	Value	%	Value	
G.1.		nil							
L.1.					8.95				
10					trace				
11					trace				
12					5.25				

C. Emerson Noble
Director
Industrial Laboratories

Sept. [illegible]

Report of Analysis

[illegible] OF	Ore
[illegible] BY	Consolidated Beta Gamma Mines Ltd.
[illegible] NUMBER	60 - 6926-9

Sample	% Copper
L2	13.33%
L 3	11.64%
L 4	2.91%
L 5	8.33%

C. Emerson Noble
Director
Industrial Laboratory

C. EMERSON NOBLE
CHEMICAL ENGINEER
DIRECTOR INDUSTRIAL LABORATORIES
PROVINCIAL ANALYST

EDMONTON, ALBERTA
CANADA

November 14, 1960

Report of Analysis

SAMPLE OF Ore

SUBMITTED BY Mr. K. A. Suitor, 202 Imperial Bank Bldg.

LABORATORY NUMBER 60 - 8728-31

SAMPLE	% COPPER
1 - X	3.0
2 - X	12.5
3 - X	12.0
4 - X	2.0

C. Emerson Noble
Provincial Analyst

CEN:as

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS
421 SPRAGUE AVENUE
TELEPHONE MA. 4-5924

Memorandum of Assay of Rock made for

Consolidated Bitter Root Mine Spokane, Wash., Oct. 10, 1960

ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS

SAMPLE MARK	..... per lb.			Copper 31¢ per lb			Silver at ..... cents per ounce				Gold at ..... per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 LC1				9/10	5	58	—				—				5	58
No. 2 LC2				1 5/10	9	30	—				—				9	30
No. 3 LC3				2/10	1	24	—				—				1	24
No. 4 LC4				7/10	4	34	—				—				4	34
No. 5 LC5				4/10	2	48	—				—				2	48
No. 6																
No. 7																
No. 8																

No. 15658-62

Charges $ 10.00

Wm. H. Stowell & Co
MS

Assayers

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS
421 SPRAGUE AVENUE
TELEPHONE MA. 4-5924

Memorandum of Assay of [illegible] made for

[illegible] Spokane, Wash., [illegible]

SAMPLE MARK	ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS															
	..... per lb			Copper ..... per lb.			Silver at ..... cents per ounce				Gold at ..... per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 [illegible]				[illegible]												
No. 2 [illegible]				[illegible]				[illegible]								
No. 3 [illegible]				[illegible]				[illegible]								
No. 4 [illegible]				[illegible]				[illegible]								
No. 5 [illegible]				[illegible]			2	[illegible]								
No. 6																
No. 7																
No. 8																

No. [illegible]

Charges $ [illegible]

Wm. H. Stowell & Co. Assayers

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS
421 SPRAGUE AVENUE
TELEPHONE MA. 4-5924

Memorandum of Assay of Rock made for

Consolidated Bates Gamma Mine Spokane, Wash. Oct 10, 1960

SAMPLE MARK	ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS															
	..... per lb			Copper 31¢ per lb			Silver at 90 cents per ounce				Gold at per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 C-1 - (SAND)				no				—				—			—	
No. 2 C-2 - DRIFT				5/10	3	10		—				—			3	10
No. 3 C-4 - 4' DRIFT				no				2		18		no				18
No. 4 X-1 - DRIFT				3/10	1	86		no				no			1	86
No. 5 X-2 - "				4/10	2	48		2		18		no			2	66
No. 6																
No. 7																
No. 8																

No. 158453-7

Charges $ 15.00

Wm H Stowell & Co
H.T.

Assayers

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS
421 SPRAGUE AVENUE
TELEPHONE MA. 4-5924

Memorandum of Assay of Rock made for

Lorraine Bellamy Spokane, Wash. Sept 17, 1960

ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS

SAMPLE MARK	Copper per lb.			..... per lb.			Silver at ..... cents per ounce				Gold at per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 9 L E	.08						—				—					
No. 2 10 L E	.06						—				—					
No. 3 1 C T	1 4/10							5			.00					
No. 4 2 C T	3 5/10							2			.00					
No. 5 3 C T	.08						—				—					
No. 6 4 C T	1 4/10						—				—					
No. 7																
No. 8																

No. .....

Charges $ .....

Wm H Stowell & Co
Assayers

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS
421 SPRAGUE AVENUE
TELEPHONE MA. 4-5924

Memorandum of Assay of Rock made for

Consolidated Bata Gamma Mines Spokane, Wash. Nov 21, 1960

ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS

SAMPLE MARK	..... per lb.			..... per lb.			Silver at 90 cents per ounce				Gold at 35 per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 Comp. a1 to a7								5		45		4	1	40	1	85
No. 2 Comp. a8 to a14								6		54		6	2	10	2	64
No. 3																
No. 4																
No. 5																
No. 6																
No. 7																
No. 8																

No. 158846-4

Charges $5

Wm. H. Stowell & Co. Assayers
H.T.

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS
421 SPRAGUE AVENUE
TELEPHONE MA. 4-5924

Memorandum of Assay of Rock made for

Raymond B. Lathrop Spokane, Wash. Sept. 17, 1960

SAMPLE MARK	ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS															
	Rock per lb.			..... per lb.			Silver at ..... cents per ounce				Gold at per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 L C	1/10															
No. 2 "	2/10															
No. 3 "	3 2/10															
No. 4 "	3/10															
No. 5 "	2/10															
No. 6 "	3/10															
No. 7 "	1 6/10															
No. 8 "	7/10															

No. 195445-503

Charges $2.00 Rec.

Wm. H. Stowell & Co. Assayers

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS
421 SPRAGUE AVENUE
TELEPHONE MA. 4-5924

Memorandum of Assay of Rock made for

Consolidated Beta-Gamma Mines Spokane, Wash., Nov. 10, 1960

ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS

SAMPLE MARK	Copper per lb.			... per lb.			Silver at ... cents per ounce				Gold at ... per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 a8	6/10															
No. 2 a9	2 6/10															
No. 3 a10	8/10															
No. 4 a11	3 9/10															
No. 5 a12	7 4/10															
No. 6 a13	9/10															
No. 7 a14	3 8/10															
No. 8 H1 Hull	1 2/10															
H2 Rock	4 2/10															

No. 158811-19

Charges $ 13.50

Wm. H. Stowell & Co. Assayers

Telephone EMpire 3-3302

Hand Sample Serial 58080

Mine Blake Thomas

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
W. C. WANLASS, Vice-Pres. & Treas.
LILY M. HOTTINGER, Secretary

Salt Lake City 10, Utah

RESULTS PER TON OF 2000 POUNDS

August 11, 1959

NO.	GOLD Ozs. per Ton	SILVER Ozs. per ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
Special Approx Grab Sample from lower cut approx across 100' wide 30 to 50' below cut No 1												
	0.018	2.3		4.20								

Silver Valley Idaho

Remarks

Charges $3.00

W. C. Wanlass

TELEPHONE EM 3-3302 Hand Sample Serial 12186-12195

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
W. C. WANLASS, Vice-Pres. & Treas.
LILY M. HOTTINGER, Secretary

Salt Lake City 10, Utah

Mine Idaho Copper Mines, Inc.
North Fork,
Idaho

RESULTS PER TON OF 2000 POUNDS

June 5, 1961

NO.	GOLD Ozs. per Ton	SILVER Ozs. per ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
4501-A	0.005	None		0.36								
17501	0.005	None		0.06								
17502	0.020	0.2		0.81								
17503	0.010	None		0.44								
17013	Trace	0.1		0.21								
17014	Trace	0.1		0.13								
17015	0.005	None		0.14								
17016	0.005	None		0.16								
17017	0.045	0.1		0.87								
17018	0.010	0.1		0.98								

Remarks

Charges $ 30.00 - Express $2.15 - Total $32.15

W. C. Wanlass

Telephone EMpire 3-3302 Hand Sample Serial 11360-11371

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
W. C. WANLASS, Vice-Pres. & Treas.
LILY M. HOTTINGER, Secretary

Salt Lake City 10, Utah

Mine Idaho Copper Mines, Inc.
c/o Rustic Inn
North Fork, Idaho

RESULTS PER TON OF 2000 POUNDS

May 23, 1961

NO.	GOLD Ozs. per Ton	SILVER Ozs. per ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
X-17001				0.28	62.5' 7' free							
X-17002				0.91	52.5-57.5' - Cacos							
X-17003				0.58	57.5-62.5'							
X-17004				0.53	62.5-67.5'							
X-17005				0.34	67.5-72.5'							
X-17006	0.055	0.65		2.02	48' Δ - 1'							
X-17007	0.035	1.8		6.51	46' Back 2'							
X-17008				0.34	72.5' - 80'							
X-17009	0.005											
X-17010				0.34	5' Face 80'							
X-17011				0.29	26.5'							
X-17012				0.39	7'							

Remarks

Charges $ 17.00

W. C. Wanlass

40,500N

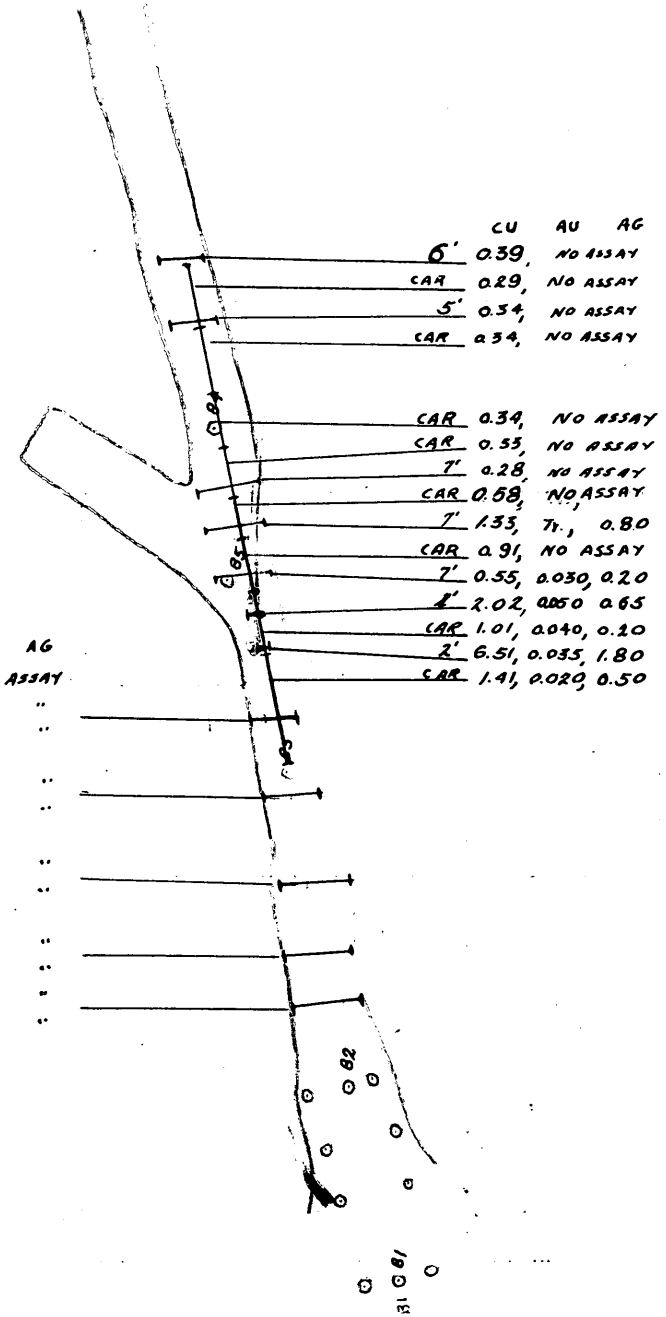
40,400N

40,300N

IDAHO COPPER MINES, INC.
SALMON, IDAHO

ASSAY MAP

SCALE 1" = 20'
JUNE 1961



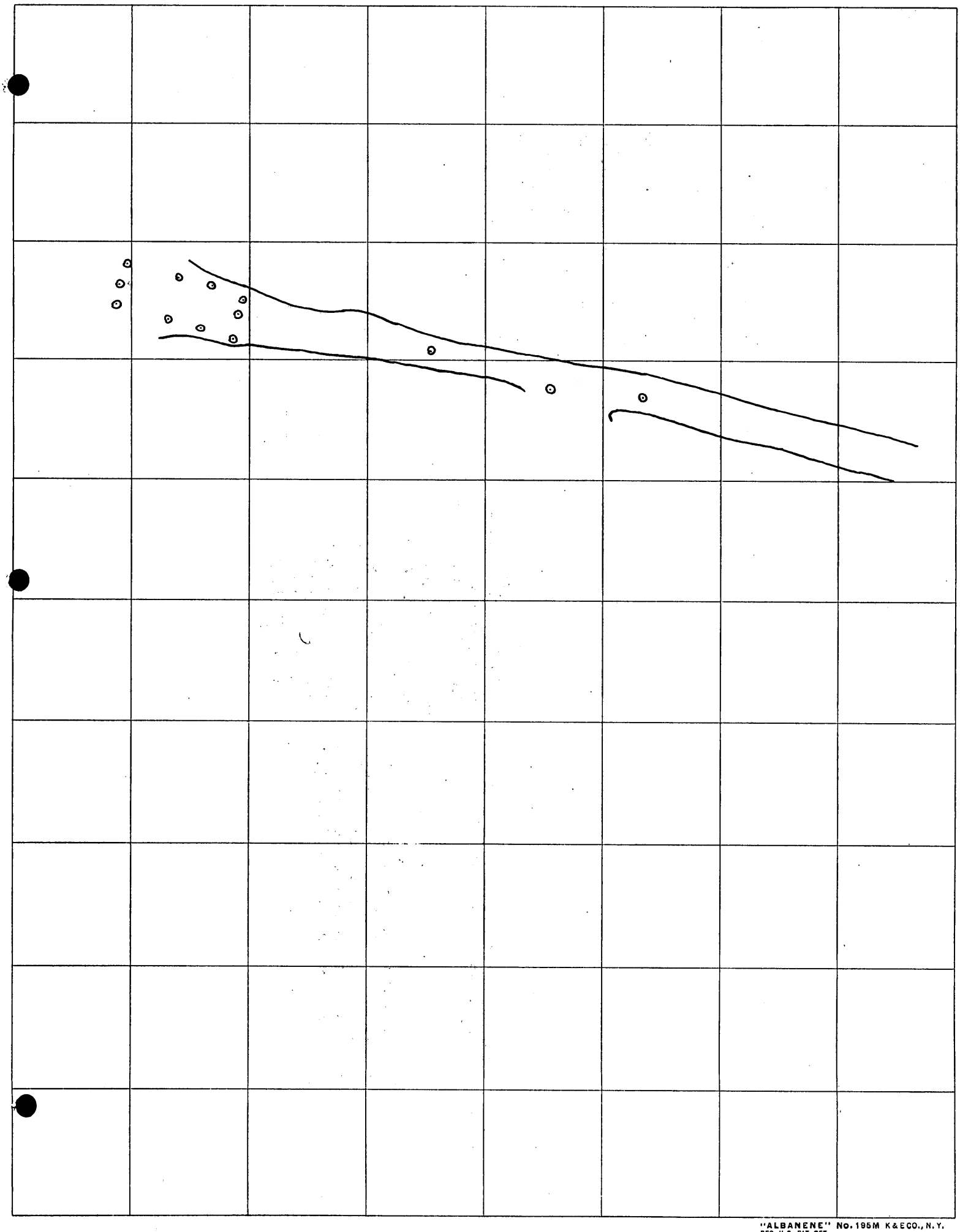
These samples of one face were taken vertically from back to sill.

	CU	AU	AG
Left rib	0.90	NO ASSAY	
Center face	7.40	"	"
Right rib	3.90	"	"

Two samples taken from each face. One sample started in the back of right rib, across face, to sill of left rib. The second sample started in the back of left rib, across face, to sill of right rib.

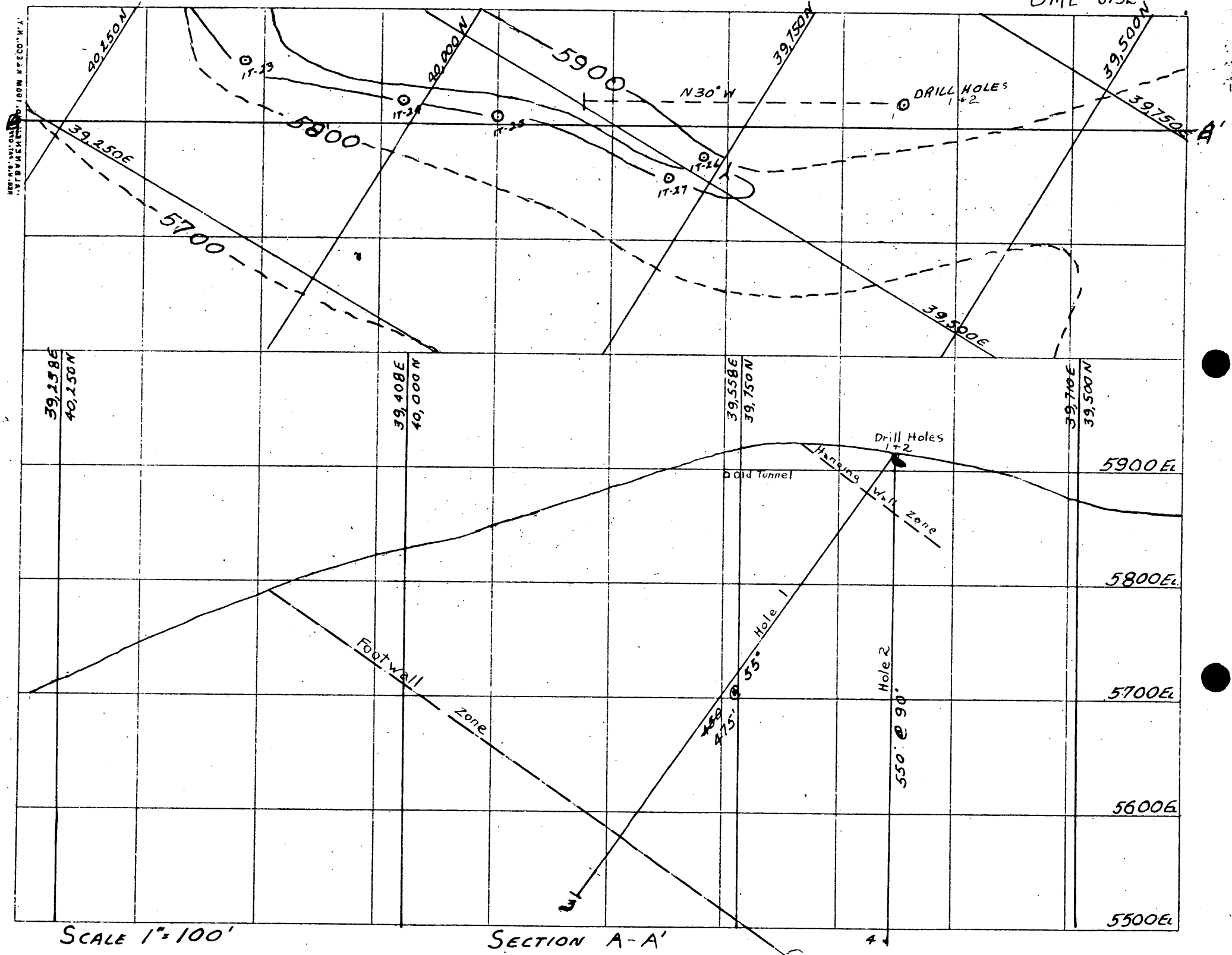
	CU	AU	AG
Back rt. rib to sill	0.60	"	"
Back lt. rib to sill	2.60	"	"
Back rt. rib to sill	1.30	"	"
Back lt. rib to sill	1.50	"	"
Back rt. rib to sill	0.60	"	"
Back lt. rib to sill	2.30	"	"
Back rt. rib to sill	0.60	"	"
Back lt. rib to sill	8.70	"	"

40,100E



"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

OME 6132

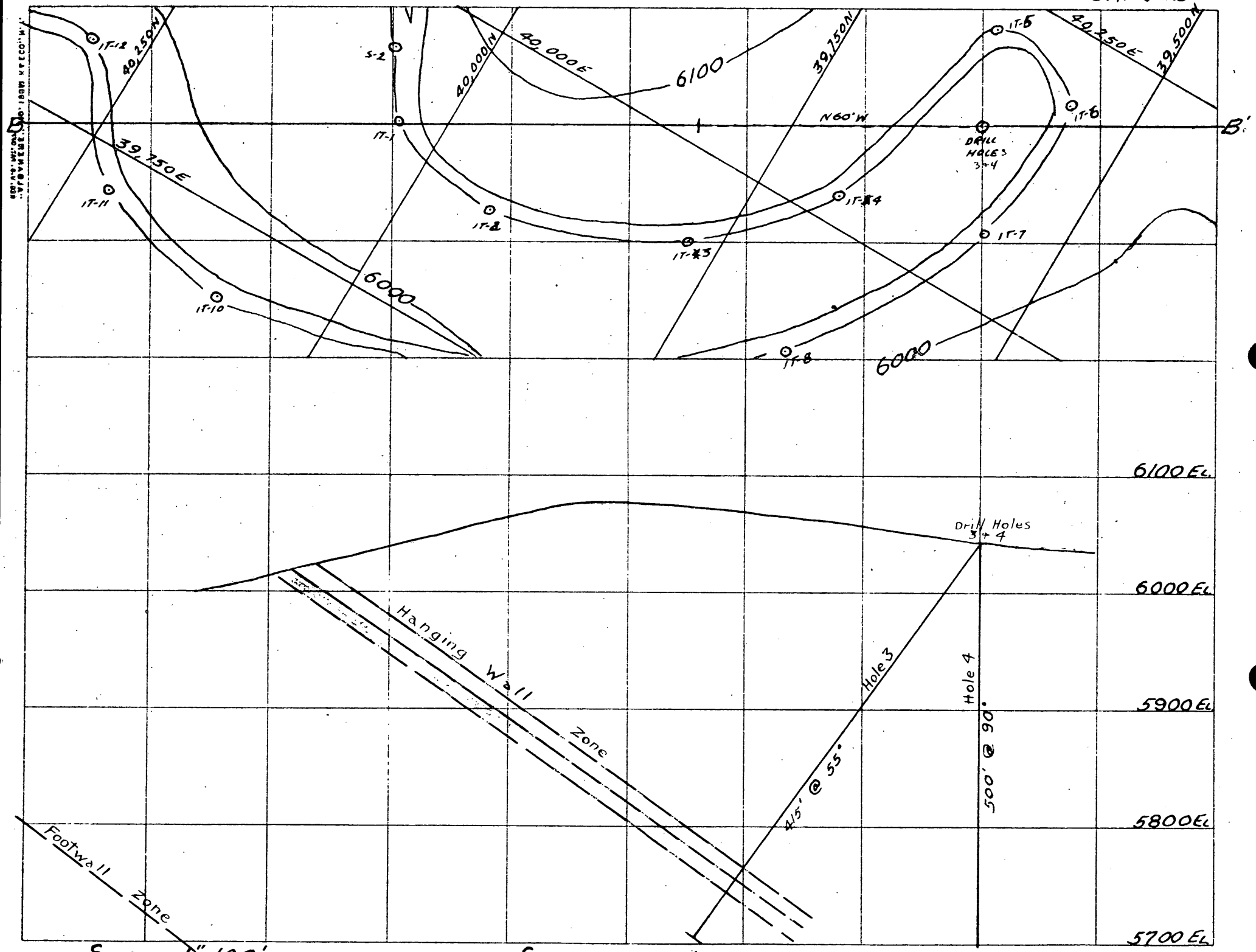


SCALE 1" = 100'

SECTION A-A'

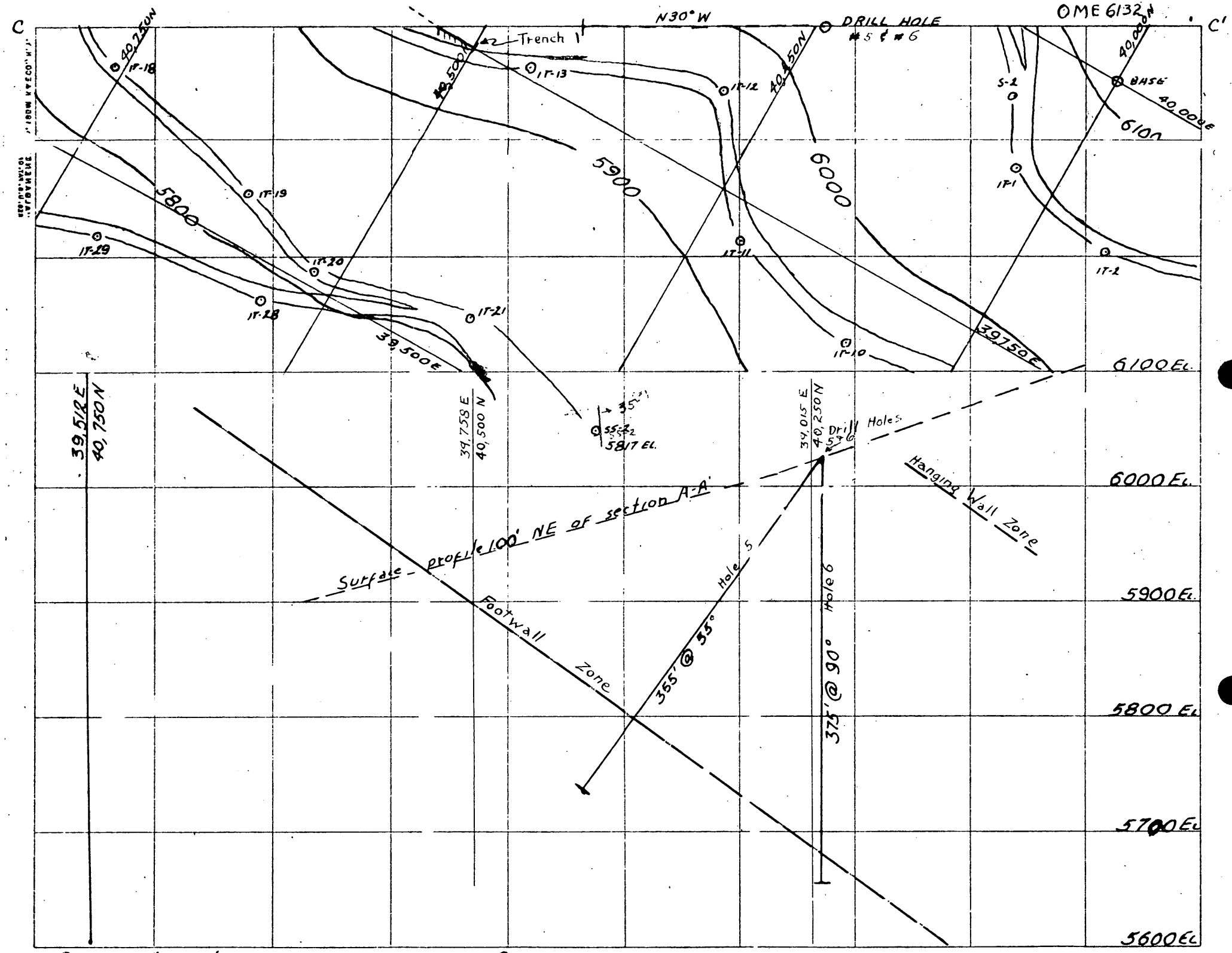
4

OME 6132



SCALE 1"=100'

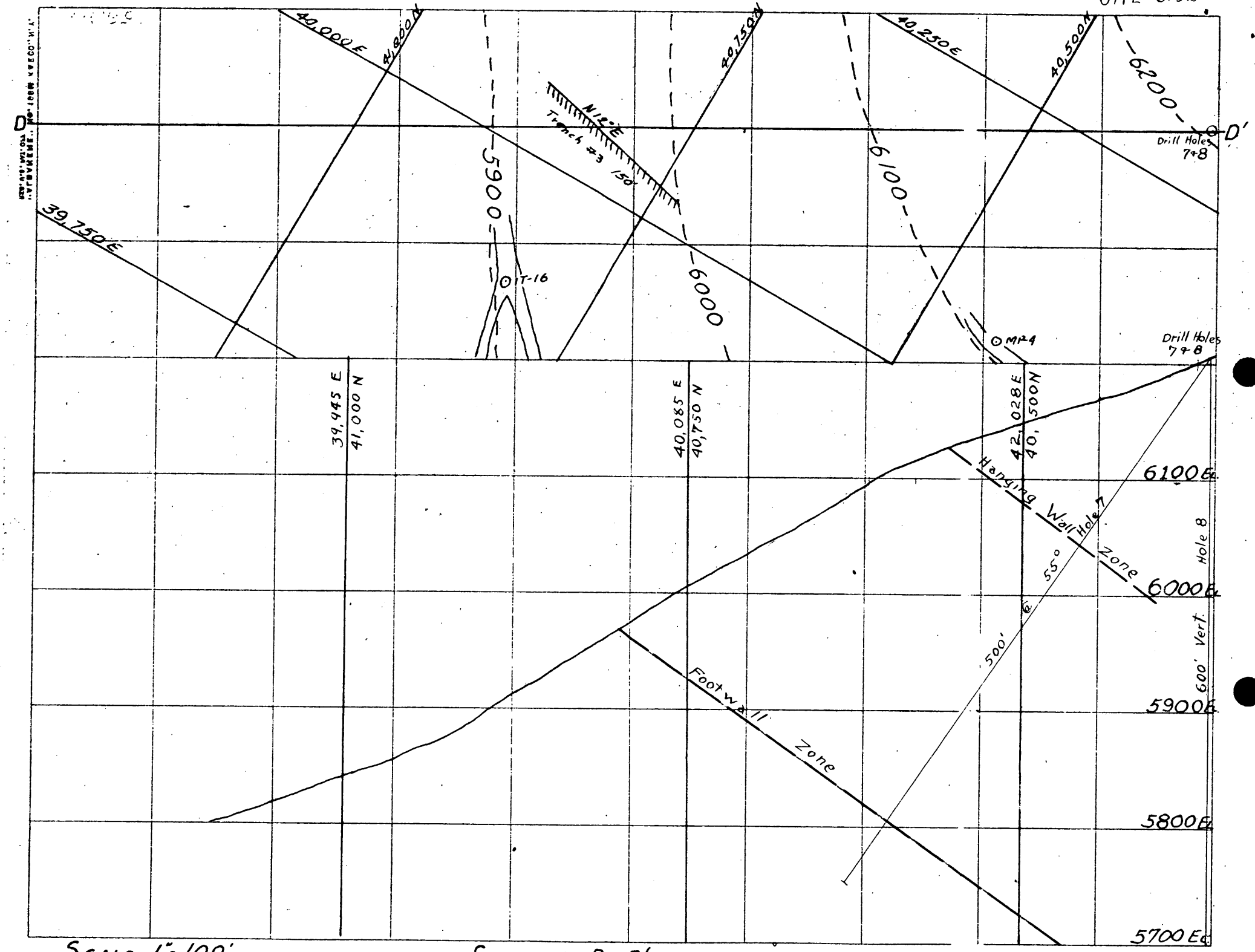
SECTION B-B'



Scale = 1" = 100'

SECTION C-C'

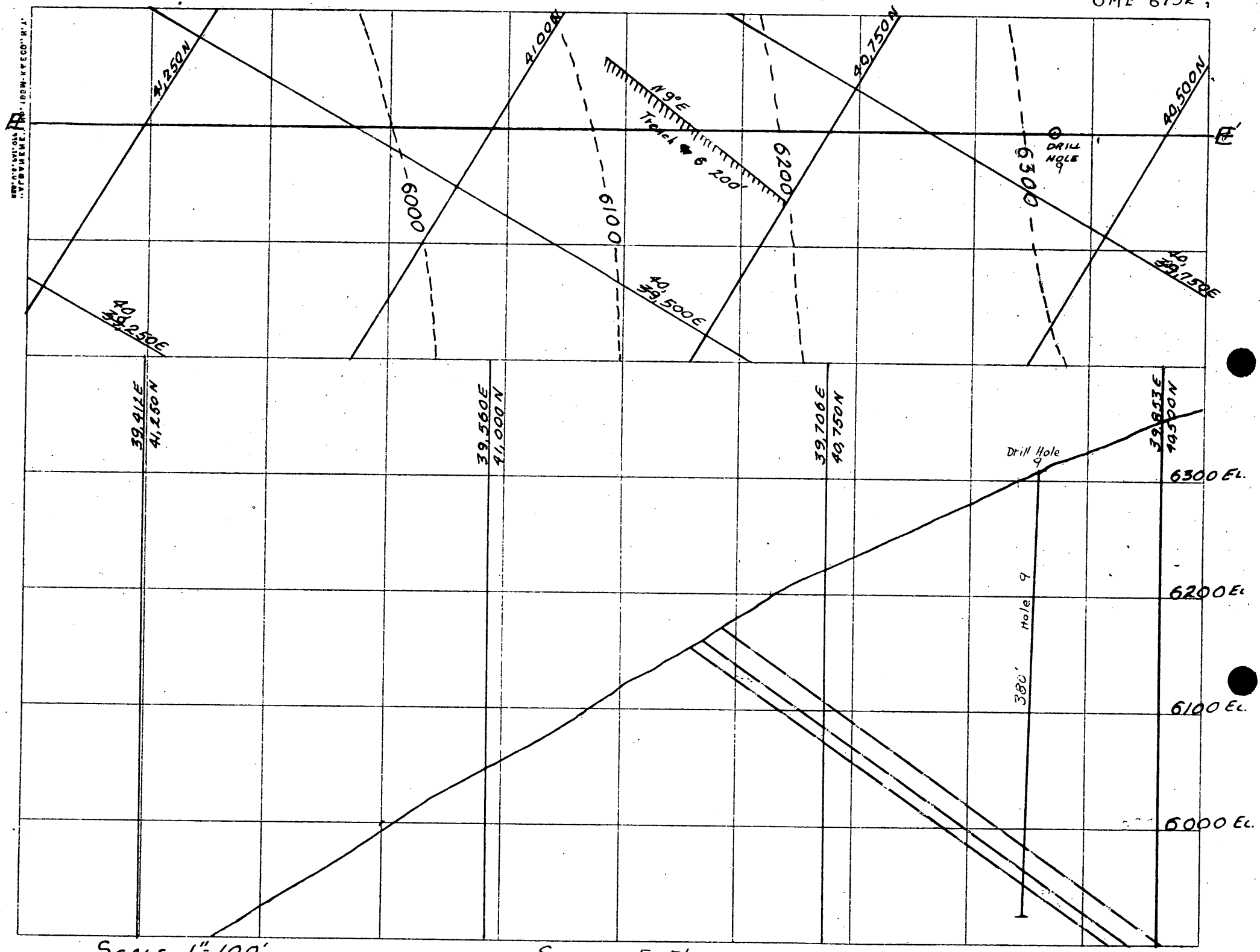
OME 6132



SCALE 1" = 100'

SECTION D-D'

OME 6132



SCALE 1" = 100'

SECTION E-E'

U. S. Government Messenger Envelope

Form No. 65 Rev. (1957)
ated 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	
~~ry Rabbitt~~ ~~33 GSA Bldg~~	STOP		STOP
~~ha Obuhanick~~ ~~54 Interior Bldg.~~	STOP		STOP
~~F. L. Herbert~~ ~~Rm. 4209~~	STOP		STOP
~~[illegible]~~	STOP		STOP
~~Mrs. [illegible]~~ ~~Budget & Finance~~ ~~5413 Int.~~	STOP		STOP
~~Mrs. Marien~~ ~~Research & Design~~	STOP		STOP
~~[illegible]~~	STOP		STOP
~~[illegible] M. McKenzie~~ ~~[illegible] 6245 Interior~~	STOP		STOP
~~Julia Horton~~ ~~Room 5012~~ ~~Interior Bldg.~~	STOP		STOP
~~is Curtin~~ ~~4454 - Int.~~	STOP		STOP

Use other side

OP 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 U

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

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM
	STOP	
	STOP	
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	STOP	

Use other side first

United States Department of the Interior

GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
Spokane, Wash., 99201

September 27, 1972

OFFICIAL COPY
O. M. E.
RECEIVED
SEP 29 1972
INITIALS | CODE
Cee | 120 M
gla | 130
JHK | 120
B.W

MEMORANDUM

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Royalty report
OME-6132 (copper-cobalt)
East Fork, et al., claims
Lemhi County, Idaho
Contract 2131

I telephoned Mr. Charles Anderson, ore buyer for the Anaconda smelter, on Wednesday, Sept. 27, 1972, to learn if he had purchased any ore from the Idaho Copper Mines, Inc., or the Oka Marie Group during the past year. Mr. Anderson said that he had not.

I think that it can safely be assumed that there has been no production from the East Fork, et al., claims from which royalty is due to the Government.

Willard P. Puffett

Willard P. Puffett

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
9/25/72		120
		130
		220

SEP 25 1972

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

As stated in your royalty inspection report of September 23, 1970, the Government's lien on production from the subject property extended until September 21, 1972. We would appreciate receiving any information you may have on possible production by checking with The Anaconda Company or other purchaser of ore or concentrate.

Harold Kirkemo

Harold Kirkemo

cc: Director's Reading File
Mineral Resources
OME File
OME Reading File
Mr. Kirkemo
130

HKirkemo/gla 9-25-72

DOCKET COPY

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

February 11, 1971

Memorandum

To: The File

From: Chief, Office of Minerals Exploration

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

I recommend discontinuing further monitoring of the property status and royalty situation for the subject contract through the mailing of Form MME 63, and recommend instead that the Field Officer, Region I, check with The Anaconda Company or other purchaser of any production from the subject property which may be liable for royalty payment to the Government. Perhaps one or two such inquiries would suffice before the royalty period expires on September 21, 1972.

The Operator, Idaho Copper Mines, Inc., no longer exists as a corporate entity; the president of the company has died; the claims lapsed and were restaked by a second party who subsequently sold them to a third party.

Should any production be reported on which royalty might be due the Government and specific sales data be obtained, we would ask the Solicitor for advice on what steps, if any, can be taken to collect any monies due.

Harold Kirkemo

Harold Kirkemo

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region I
Mr. Kirkemo
130

HKirkemo/gla 2-11-71

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wash. 99201

September 2, 1970

OFFICIAL COPY
O. M. E.
RECEIVED
SEP 8 1970
INITIALS | CODE
bsl | 120
HK | 120
gla | 130
| 220

Memorandum

To : Chief, OME

From : Field Officer, Region I

Subject: Royalty inspection
OME 6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al, Claims
Lemhi County, Idaho
Contract 2131

In making a royalty inspection of the subject property on Sunday, August 30, 1970, I contacted the Forest Ranger at the Indianola Ranger Station on the Salmon River; Mr. John Zeigler, laborer, in Salmon; and Mr. John Jewett, at the Riverside Cafe about 3½ miles north of Salmon, Idaho.

Mr. Zeigler and his father did some work at the mine a year ago but produced no ore. The Forest Ranger did not know of any ore shipments; however, the road to the mine is now via Hall's Creek, and any shipment would not go past the Ranger Station.

Mr. Jewett now owns the property. He did the bulldozing that was part of the OME contract work; for this he was supposed to receive shares in Idaho Copper Mines, Inc., but said that he never got the shares. On April 20, 1965, Mr. DeStaffany, President of Idaho Copper Mines, Inc., reported on MME Form 63, that the claims that were subject of the contract had lapsed.

Mr. Jewett said that he had restaked the claims but the claims were jumped by an Al Waite of Salmon, Idaho, while Mr. Jewett was in Arizona. Mr. Jewett gave Mr. Waite five thousand dollars for a quit claim on some of the claims. Apparently the property is now known as the Oka Marie Group.

The Government's Lien on production from the property extends until eleven years from the date of the contract, or September 21, 1972. Mr. Jewett challenged the Government's right to any royalty because the original claims had lapsed and the Idaho Copper Mines, Inc., had ceased to exist. Mr. DeStaffany died about four years ago, according to Mr. Jewett.

I learned from the Idaho Secretary of State office on September 1, 1970, that Idaho Copper Mines, Inc., had filed corporation papers in 1960 and had forfeited in 1962.

There seems little liklihood that ore will be produced from the Oka Marie Group before September 21, 1972. If ore is produced, however, I wonder if the Government actually can be entitled to royalty as the original company no longer exists and the original claims lapsed.

Willard P Puffett

Willard P. Puffett

Form 7
53)

OFFICIAL FILE COPY

Date	Surname	Code
9/24/69		120
		220

SEP 2 1 1969

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Referring to your memorandum dated September 13, 1968, at your convenience will you please forward any additional information obtained concerning activity at the subject property during the past year.

Harold Kirkemo (glu)
Harold Kirkemo

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
Mr. Kirkemo
130

GLAult/a 9-24-69

MME FORM 6 REFERENCE SLIP

REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:		DATE	INITIALS
1.	Chief, OME	9/13/68	
	Re: OME-6132 (Copper-Cobalt)		
2.	Idaho Copper Mines, Inc.		
	East Fork, et al., Claims		
3.	Lemhi County, Idaho		
	Contract 2131		
4.			
	D. R. MacLaren		
5.	D. R. MacLaren		
FROM:	Fld. Officer, Reg. I		

FOR: Check items for action desired

X	Action		Reply for signature of		
	Approval		Investigate		Surname
	Comment		Recommendations		Signature
	Conference		Rewrite		File
	Instructions		Your information		

REMARKS: In reply to your memorandum of 8/30/68 requesting a check on the status of production of the subject property.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
U. S. Court House, Rm. 656
W. 920 Riverside Avenue
Spokane, Washington 99201
September 13, 1968

Memorandum

To: Field Officer, Region I

From: Willard P. Puffett, Geologist

Subject: Royalty Inspection
OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

On Thursday morning, September 12, 1968, I visited the Forest Ranger at the Indianola Ranger Station some 10 miles west of North Fork, Idaho, to learn if there had been any recent mining activity at the property of Idaho Copper Mines, Inc. The Ranger advised that, though Mr. Jewitt had done some work at the mine last winter, there had been no activity this summer and there has been no production. No visit was made to the mine to verify his remarks.

The Ranger has maintained an active interest in the operations at the mine for he was concerned that wastes from the mine might contaminate a tributary of the Salmon River. It is believed, therefore, that his information concerning activity and possible production from the mine is reliable and adequate.

Willard P. Puffett
Willard P. Puffett

Distribution:
OME(Orig.&1)
Docket

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/30/68		110
130	Cole	220

AUG 30 1968

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Reference is made to your memorandum dated November 1, 1967, sometime this fall when you are in the Salmon area, it will be appreciated if you will again check on the status of the subject property and the possibility of production therefrom.

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
130 (2)

GLAult/a 8-30-68

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
U. S. Court House, Rm. 656
W. 920 Riverside Avenue
Spokane, Washington 99201
November 1, 1967

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O. M. E.
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INITIALS | CODE
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~~RJ~~ | ~~110~~
220

AIRMAIL

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

This refers to your memorandum of October 13, 1967, regarding information on the subject property for ther period September 1966 to the present.

Mr. Earl Waite telephoned the office October 30, 1967, for up-dated information regarding the OME program. During the conversation he was asked if he knew of any production from the property during the past year and stated he did not.

To check further, on October 31, 1967, a telephone call was made to Mr. Archie Worth, Ranger at the Indianola Ranger Station. Any ore taken from the subject claims would pass his station at the junction between the highway and the access road leading to the property. Also he knows the claims and keeps track of what goes on as they are within the forest area for which he is responsible. He stated definitely that there has been no production from the property during the past year.

D R MacLaren

D. R. MacLaren

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/13/67		120
		110
		130
		220

11

OCT 13 1967

AIRMAIL

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

In reference to your memorandum of September 28, 1966, and correspondence with The Anaconda Company of the same date, do you have any additional information on the subject property for the period September 1966 to the present?

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
130 (2)

GLAult/a 10-13-67

23263

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
September 28, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 5 1966
MINERAL CODE
HK

The Anaconda Company
Anaconda Sampler
Anaconda, Montana 59711

Re: OME-6152 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Gentlemen:

The administration of the Defense Minerals Exploration Administration-Office of Minerals Exploration program, including the collection of royalties that may be due the Government, is now one of the duties of the U. S. Geological Survey.

During a recent inspection trip in the Salmon, Idaho area, I was informed that some of the claims subject to the above-cited OME contract, now known as the Oka Marie group, are owned by a Mr. Jewitt.

It was reported that some time within the last year or two Mr. Jewitt shipped about 30 tons to Anaconda Washoe Sampler but that no settlement was made because the value of the shipment would not pay the freight costs. Could you advise us if this is correct? If any settlement was made, could you send us two copies of the appropriate settlement sheets? I have been unable to locate Mr. Jewitt.

As in the past, your cooperation in this matter will be greatly appreciated.

Sincerely yours,

D. R. MacLaren
Field Officer, OME
Region I

RECEIVED
OCT 3 1966

Gentlemen:

Our ore record files, since 1961 to date, fail to show an ore shipment by either a Mr. Jewitt or the Idaho Copper Mines, Inc.

Yours very truly,

/s/ W. D. Martin

W. D. MARTIN
Accounting Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
September 28, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
SEP 30 1966

INITIALS	CODE
9/30 M	120 M
KG	110
HK	~~130~~ K
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Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Status of Claims and Royalty Inspection
OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

In Salmon, Idaho, September 21, 1966, I talked to Mr. Earl Waite relative to the status of the subject claims. According to statements in the application, the Operator owned 100 percent of all claims except the East Fork Nos. 1 - 28, of which he owned a 70 percent interest. In a letter dated July 8, 1961, he stated that he had obtained ownership of the remaining 30 percent interest in the latter claims. None of the claims were patented and after completing the OME work, the Operator, according to Waite, failed to keep up the annual assessment work.

Waite relocated claims in the area of the Jewitt group, calling them the Oka Marie group, covering the ground that includes the OME trenches and drill holes, and the Operator's drift shown on plate 3 of our Final Report. He then sold the Oka Marie claims back to Jewitt.

According to Waite, Jewitt made one shipment of about 30 tons to Anaconda Washoe Sampler. No settlement was made because, reportedly, the value of the shipment did not pay the haulage costs. I will write to the Sampler in an attempt to verify this.

D R MacLaren
D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
CPF

Ome (2)

GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
September 28, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
SEP 30 1966
INITIALS | CODE
9/30 M | 120 M
HK | 110
| 220

The Anaconda Company
Anaconda Sampler
Anaconda, Montana 59711

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Gentlemen:

The administration of the Defense Minerals Exploration Administration-Office of Minerals Exploration program, including the collection of royalties that may be due the Government, is now one of the duties of the U. S. Geological Survey.

During a recent inspection trip in the Salmon, Idaho area, I was informed that some of the claims subject to the above-cited OME contract, now known as the Oka Marie group, are owned by a Mr. Jewitt.

It was reported that some time within the last year or two Mr. Jewitt shipped about 30 tons to Anaconda Washoe Sampler but that no settlement was made because the value of the shipment would not pay the freight costs. Could you advise us if this is correct? If any settlement was made, could you send us two copies of the appropriate settlement sheets? I have been unable to locate Mr. Jewitt.

As in the past, your cooperation in this matter will be greatly appreciated.

Sincerely yours,

D. R. MacLaren
Field Officer, OME
Region I

DRMacLaren/mls

cc: OME(2)
CPF

Director's Reading File

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code

AUG 22 1966

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: DMEA-3739 (Cobalt-Copper)
Idaho Metallurgical Industries, Inc.
Timber's Pride, et al., Claims
Lemhi County, Idaho
Contract Idm-2884

and

OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Reference is made to our memorandum of May 25, 1966, on the subject contracts.

As the royalty expiration date under Contract Idm-2884 is August 26, 1966, will you please make an inspection of the property the next time you are in the area. Also, please advise if you have been able to learn if any of the claims under Contract 2131 have been restaked.

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Division File
Economic Geology
DMEA-3739
OME-6132
OME Reading File
EXXX 130
120M

MMerrithew/mm (8/17/66)

23263

Official File Copy

7/5 110

5/25/66 Kirkemo 120

220

MAY 25 1966

Memorandum

To: Field Officer, OME Region I

From: Chief, Office of Minerals Exploration

Subject: DMEA-3739 (Cobalt-Copper)
Idaho Metallurgical Industries, Inc.
Tinker's Pride, et al., Claims
Lemhi County, Idaho
Contract Idm-E884

OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Reference is made to your memorandum of January 24, 1966, concerning the properties under the subject contracts.

Mr. Roger W. Pierce informed us on January 18, 1966, that no production had been made since January 1965, from the Black Rock and Bonanza groups of claims under Contract E-884. With respect to the Gray Copper Claims Nos. 1 through 6, however, we have received no reply to our MMK Form 63 letters of January 13 and April 29, 1966, to Mr. and Mrs. Oscar Westfall, Salmon, Idaho.

As suggested in your memorandum of January 24 a check on the County Court House records may help determine the status of the claims under Contract E-884. Also, a visit to the claims might show whether or not any production has been made from the property since December 10, 1964, the date of the last report from the Westfalls, or is likely to be made before August 26, 1966, the expiration date of the Government's lien on production from the property.

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's reading file
Division file
Economic Geology file
OME file - 6132
OME reading file
130
120
FEJohnson/bih 5/25/66

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
January 24, 1966

OFFICIAL COPY
O. M. E.
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JAN 26 1966
INITIALS | CODE
2/1/66 | 120
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Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: DMEA-3739 (Cobalt-Copper)
Idaho Metallurgical Industries, Inc.
Tinker's Pride, et al., Claims
Lemhi County, Idaho
Contract Idm-E884

and

OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

We have not received a reply to our letter of May 26, 1965, to Paul Adams, Lemhi County Clerk and Recorder, Salmon, Idaho.

During a stop in Salmon last August I ran across Earl Waite, mentioned in my memorandum of May 26, 1965, on this subject. According to Waite, he has relocated claims formerly located by one or another of the Gramliches which had been allowed to lapse by lack of assessment work. As Idaho Copper Mines (OME-6132) stated in their application that they owned most of the claims formerly controlled by Gramlich (see DMEA-5023), presumably they too "relocated" them, later letting the locations lapse. I guess the only way that this can be straightened out and to check the status of Idaho Metallurgical claims (DMEA-3739) I will have to plan on spending a day or two in the County Court House the next time I am in Salmon. I believe that will be sufficient time to run down these various locators.

D. R. MacLaren

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
May 26, 1965

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 28 1965

INITIALS	CODE
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	1612
	220

Memorandum

To: Chief, Division of Exploration Operations

From: Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Referring to your memorandum of April 27, 1965, relative to the subject claims, J. Howard Sims has told me the rumor around Salmon is that a Mr. Jewett has not kept up his assessment work on his claims and that Earl Waite has "jumped" them. Whether he has in fact posted new location notices on the claims or filed on them in the Lemhi County Courthouse since is not certain but he doubts that they were rerecorded. The number of claims that may be involved and the location is also not known.

I will try to see the Regional Forester or get to the courthouse to check during a future stop in the area. If the claim names have been changed, this could require considerable time so I will have to wait for one of three situations: either a job that can be done in a half a day, a move requiring only a half day, or a couple of jobs that can be written up in a half day. In the meantime, I will write to the county recorder, but I doubt that will be of much help especially if Waite has used different claim names.

D. R. MacLaren

D. R. MacLaren

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

POSTMARK OF DELIVERING OFFICE

CITY REGISTRY EDMONTON ALTA. IV 20 1965

INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN TO

REGISTERED NO. 598216	NAME OF SENDER OFFICE OF MINERALS EXPLORATION
CERTIFIED NO.	STREET AND NO. OR P. O. BOX DEPT. OF THE INTERIOR
INSURED NO.	CITY, STATE, AND ZIP CODE WASHINGTON, D. C. 20240

POD Form 3811 Sep. 1963

C55—16—71548-6—F

6132

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☐ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED: April 20/65

SHOW WHERE DELIVERED *(only if requested)*

per W. R. Dacker

CITY REGISTRATION EDMONTON ALTA. APR 20 1965

CSS 16—71548-5—F GPO

OME

So. 157 Howard Street
Spokane, Washington 99204
May 26, 1965

OFFICIAL COPY
MAY 28
INITIALS | CODE
120
120
220

Mr. Paul Adams
Lemhi County Clerk and
Recorder
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Dear Mr. Adams:

The Office of Minerals Exploration is the successor agency to the Defense Minerals Exploration Administration. As such, it is responsible for the collection of any royalty that may be due the Government as a result of various DMEA projects.

We have been advised by Charles W. Harmon of Felt, Idaho, that in 1960 or 1961 he stopped doing assessment work on his Tinkers Pride Claims 1 through 4 and that he has heard that, about 1962, another person or persons had relocated these claims. The original locations were made May 1, 2, and 3, 1959, and are recorded in book 1, pages 151-154. They are also the subject of an Option Agreement recorded in book "D" of Agreements, pages 474-475, and as supplemented by Agreement dated June 22, 1955. Can you furnish us with the name and address of the present owner of these claims?

We have also been advised that the claims on which Idaho Copper Mines, Inc., operated in the Mineral Hill (Indian Creek) Mining District have lapsed and some have been relocated, I believe within the past year by Earl Waite. Can you advise us as to the name and location of any claims in this area that have been recorded by Mr. Waite or others since October 1962? The claims and the book and page of their recording as we know them are shown on the accompanying list.

I realize that this may be quite a chore, but if you can dig up any of the information, we would be most appreciative. However, before I can obligate any funds, I must receive authorization. To this end, kindly advise me as to the amount of your fee and do not proceed until I have the authorization and so notify you.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren/mls
cc: OME
Director's Reading File
Resources Research Branch Chief

Enclosure

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/27	Selfridge	
4/27	[illegible]	
"	[illegible]	100

APR 27 [illegible]

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Exploration Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

As you will note from the enclosed MME Form 63, the Operator dropped the subject claims and also is no longer in existence. No more MME Form 63's will be sent to this defunct corporation.

Perhaps in your peregrinations you can learn what has happened to these claims. We would be interested to know if any of them have been restaked.

George C. Selfridge (gla)

Enclosure

GCSelfridge/gla (4-27-65)
cc to: Director's Reading File
Docket
Review Committee
120M
Mr. Selfridge

23263

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

April 14, 1965

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta
Canada

out of residence

Gentlemen:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

OFFICIAL COPY
O. M. E.
RECEIVED
APR 22 1965

INITIALS	CODE
GCS	800
	~~100~~
FED	~~110~~
Hab John	120
	~~120~~

MME Form 63
Revised 3-62

OME-6132
2131

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since October 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

   Are all of the unpatented claims still valid? If not, please give details. CLAIMS LAPSED - PRESENT OWNERSHIP NOT KNOWN Yes ☐ No ☒
   SOME MAY HAVE BEEN STAKED AGAIN

2. Since October 1962, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	NONE	Tons		
Concentrates		Tons		
Other	NONE	Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name LYMAN DE STAFFANY - 11009 JASPER AVE. EDMONTON, ALBERTA
IDAHO COPPER MINES, INC Title FORMERLY PRESIDENT

Address (OUT OF EXISTANCE) Date APRIL 20, 1965

4511

Bm E-6132

PROJECT SUMMARY REPORT

By: F. M. Murphy June 16, 1964

1. OME-6132 (Copper-Cobalt)
Contract 2131

Operator - Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta, Canada

Property - 58 unpatented lode claims in secs. 23, 26, 33, 34, and 35, T. 25 N., R. 20 E., Boise Meridian, Lemhi County, Idaho.

Operator's Property Rights - Owner

2. Contract dated September 21, 1961

Work Authorized - The work was divided into three stages.
Stage I consisted of bulldozing six trenches.
Stage II consisted of core drilling 9 holes to depths ranging from 355 feet to 600 feet.
Stage III consisted of drifting 800 feet and testing the walls of the drift by core drilling or long-hole drilling.
The estimated total cost of the project amounted to $88,030.00.

Amendments -

No. 1, January 12, 1962, granted a recess period, extended the completion date, and increased the royalty period from 10 to 11 years.

Work Completed -

Bulldozing trenches 180 hrs. @ $16.00	$ 2,880.00
Supervisor 3/4 month @ $500.00	375.00
Payroll taxes	11.25
Total Acceptable Costs	$ 3,266.25
Government's participation @ 50%	$ 1,633.12 Payable

Final Reports -

Operator's final report received March 11, 1963.
Region I - None to date

3. Report of Review dated March 14, 1963

4. Termination Agreement dated February 15, 1963, contains a provisional royalty agreement.

5. <u>Comments</u> -

The claims are in an area of folded Precambrian Belt rocks comprising grey fine-grained quartzite, argillite, and phyllite. The exploration target area was a zone about 300 feet wide in which spotty and erratic copper mineralization occurred with better mineralization on the hanging and footwall of the zone. At the time of the field examination, the hanging wall and footwall zones were exposed in an old tunnel and also in a road cut.

Work under the contract was started October 12, 1961, and was stopped on October 15, 1962. During this period, the Operator completed the trench work and started drilling from the surface on July 25, 1962.

The first hole was designed to traverse the hanging wall and the footwall of the zone in an area below trenches Nos. 4 and 7, where samples on the hanging wall indicated 2.05% Cu. over a width of 3 feet and on the footwall 2.5% Cu. over a width of 50 feet, respectively. The hole traversed the hanging wall zone but at 201 feet had to be stopped when the bit and reaming shell were lost in the hole. The hole lacked 100 feet to reach the top of the indicated footwall zone. Only two sections of the hole showed mineralization both less than 1/2-inch wide.

As a result of this hole, the Operator requested that the contract be terminated.

Region I concurred with the Operator's request but recommended that a provisional royalty agreement be included in the termination agreement because the Operator had not completed the work. The Washington office approved the Region I recommendation.

Because the hole drilled was not completed in accordance with the contract specifications, the Government did not contribute to its cost.

F. M. Murphy

F. M. Murphy

FMMurphy/mm
cc: Director's Reading File
Docket

MME Form 17
Mar. 59

OFFICE OF MINERALS EXPLORATION

WORK COMPLETED ANALYSIS

X Provisional / Certified — After final audit or review report is received, prepare in duplicate. File original in official docket. Send copy to Code 210.

Operator: Idaho Copper Mines, Inc.

Actual Cost: X

State: Idaho

Agreed Unit Cost:

Final Report of Audit:

Commodity: Copper-Cobalt

Docket No.: OME-6132

Final Report of Review: 3/14/63

Contract No.: 2131

Type of Work (Use these categories only)	Authorized by Contract and Amendments		Completed and Paid for		Net cost after sale of Gov't. Property
	Units	Cost 1/	Units	Cost 1/	
Drifting & Crosscutting	800'	27,620			
Raising					
Shafts					
Winzes					
Drilling (Specify) core	6950'	53,741			
Surface Excavation		3812		3266	3266
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) Assaying		2857			
Totals		$88,030		$3266	2/ 3266

1/ Round off to dollars.
2/ Net cost total must agree with final report of audit or review.

Prepared by J M Murphy Date 6/16/64

41725

UNITED STATES

DEPARTMENT OF THE INTERIOR

OFFICE OF MINERALS EXPLORATION

REGION I

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 29 1964

DATE	INITIALS	CODE
6/29	[illegible]	[illegible]

FINAL REPORT

Contract 2131

by

Donald R. MacLaren

Geologist

U. S. Geological Survey

IDAHO COPPER MINES, INC.
11009 Jasper Avenue
Edmonton, Alberta
Canada

Docket No.:	OME-6132
Commodity:	Copper-Cobalt
Contract date:	September 21, 1961
Termination date:	October 15, 1962

EAST FORK, ET AL., CLAIM GROUPS
Mineral Hill (Indian Creek) Mining District
Lemhi County, Idaho

Spokane, Washington June 1964

CONTENTS

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INTRODUCTION	1
Summary	1
CONCLUSIONS AND RECOMMENDATIONS	2
PROPERTY, LOCATION, AND ACCESSIBILITY	2
GEOLOGY	3
THE PROJECT	6
Summary of Factual Data	9
Future Exploration Possibilities	10

ILLUSTRATIONS
(In pocket)

-- Location Map (OME, Region IO

Figure 1. Plan and Section showing proposed diamond drill hole no. 1

Plate 1. Claim and Assay Map

2. Surface Map

3. "B" Drift Assay Map

FINAL REPORT

IDAHO COPPER MINES, INC.
East Fork, et al., Claims
Mineral Hill (Indian Creek) Mining District
Lemhi County, Idaho

Contract 2131

* * * *

INTRODUCTION

This report describes an exploration project on the East Fork, et al., claims in the Mineral Hill, also known as the Indian Creek, Mining District, Lemhi County, Idaho. The project was conducted jointly by the Idaho Copper Mines, Inc., and the Office of Minerals Exploration under the terms of Contract 2131 which became effective September 21, 1961, and was terminated by unilateral agreement February 15, 1963.

Summary

The purpose of the contract was to explore for ores of copper and cobalt by bulldozer trenching, core drilling from the surface, drifting, and either core or long-hole drilling from the drift. Inspection of work done by the Operator prior to submitting his application showed one and possibly two mineralized structures in an area of Precambrian Belt Series rocks. The contract was based on the possibility of finding either a large low-grade ore body between the mineralized structures or smaller but higher grade ore bodies on either or both structures.

Project work was started October 12, 1961, and was terminated before completion on October 13, 1962. During the contract period, 6 trenches were completed and 1 diamond drill hole from the surface was partially completed to a depth of 201 feet. Besides the contract work the Operator on his own account churn drilled 3 holes--1 to a depth of 109 feet, 1 to a depth of 137 feet, and 1 to a depth of 87 feet; he also did some soil sampling and built a small dam to provide water for drilling.

The total approved cost of the contract, which was for the bulldozing only, was $3,266.25, of which the Government's share was 50 percent or $1,633.12.

CONCLUSIONS AND RECOMMENDATIONS

Copper showings in the trenches were erratic and spotty. The soil sampling indicated an apparently consistent zone containing 100 ppm copper, but overall the sample assays were so erratic as to make the value of the soil sampling questionable. The churn drill holes were sampled but, except for 6 separated samples in hole 2 which assayed from 0.04 to 0.18 percent copper and 5 samples in a 12-foot section of hole 3 which averaged 0.66 percent copper, all assays were nil to a trace. Diamond drill hole 1 was the only diamond drill hole attempted. At a distance of 75 feet south and 120 to 140 feet down dip it passed through the zone in trench 4 that assayed 2.05 percent copper over a width of 3 feet. Only 2 bands, each less than 1/2-inch wide, showed any copper mineralization and that was so weak that assaying was not warranted.

Erratically spaced and probably small lenses of ore-grade copper occur in the explored area, but no large area of gossan containing iron-stained pits typical of those associated with secondary copper deposits has been found. No evidence of the presence of cobalt was seen. It is therefore concluded that the chance of making a significant discovery of copper-cobalt ore is less than fair and it is recommended that no further Government funds be spent to explore these claims until additional prospecting indicates a more promising target.

As the project was not completed, a pseudo-certification is included in the Termination Agreement.

PROPERTY, LOCATION, AND ACCESSIBILITY

The property included in the contract consists of 58 unpatented lode mining claims situated in secs. 23, 26, 33, 34, and 35, T. 23 N., R. 20 E. Boise meridian, Lemhi County, Idaho (pl. 1). The claims, with the book and page on which each is recorded, are listed in Annex I of the contract and all are subject to the Government's right to royalty on production. Project work was limited to the following claims:

Claim	Book	Page
East Fork No. 14	7	159
Cap No. 2	1	15
3	1	14
4	1	13
5	1	12
6	1	11

The property is north of the old gold camp of Ulysses in the Indian Creek part of the Mineral Hill District and is accessible by Jeep trail from Ulysses. From Salmon, Idaho, proceed northerly for 17 miles on U. S. Highway 93 to the settlement of North Fork. Turn left and follow a good gravel-surfaced Forest Service road along the Salmon River 9 miles to the Indianola Ranger Station. Turn right and proceed 4 miles northerly on a fair road up Indian Creek to Ulysses continuing northerly on a Jeep trail then easterly along the East Fork of Indian Creek to the workings.

GEOLOGY

The geology of parts of the area has been described by:

Umpleby, J. B., 1913, Geology and ore deposits of Lemhi County, Idaho: U. S. Geol. Survey Bull. 528

Kaiser, E. P., 1956, Preliminary report on the geology and deposits of monazite, thorite, and niobium-bearing rutile of the Mineral Hill District, Lemhi County, Idaho: U S. Geol. Survey Open File Report

Prinz, William C., 1958, Application examination report, Docket No. DMEA-5023 (Copper-Cobalt), Gramlich Minerals, Inc., East Fork, et al., claims, Lemhi County, Idaho

The claims are in an area of folded Precambrian Belt rocks comprising gray fine-grained quartzite, argillite, and phyllite. Older Precambrian quartz-feldspathic gneiss, porphyroblastic gneiss, amphibolite and similar rocks are found about a mile south of the Mt. Zither claims and quartz-monzonite rocks of the Late Cretaceous Idaho batholith are found about 14 miles to the north, 6 miles to the south and 20 miles to the west of the property.

The strongest vein seen by Prinz (1958) strikes N. 70° W. and dips 44° SW. It was in the Leslie O. Smith tunnel (pl. 1). Prinz says:

> "The vein here usually consists of 5 to 11 inches of quartz, malachite, and erythrite, but in places pinches to a thin seam of gouge. DMEA samples 865 and 866 of the better parts of the vein assayed 0.60 and 0.82 percent cobalt and 0.34 and 0.38 percent copper, respectively."

Between Prinz' examination and the one made for this project, new logging roads, a new tunnel, and a reopened old tunnel have exposed spotty and erratic copper mineralization within a zone about 300 feet wide that appears to be bounded by better mineralized footwall and hanging-wall zones (pl. 2). No cobalt mineral was seen.

The footwall zone is best exposed where the road has been widened near station 1T-22. Because of overburden and sloughing, the dip and strike of the zone are difficult to determine but appear to be about N. 58° E. and 55° SE., respectively. Mineralization is mostly malachite, but some fairly fresh chalcopyrite was seen. The mixed oxides and sulfides are more abundant in a zone about 2 feet wide with decreasing amounts of both minerals extending out into each wall. The entire footwall zone is as much as 10 feet wide. Nine samples taken at random within the zone averaged 2.3 percent copper. The road cut east of and above this exposure is not deep enough to expose as definite a zone of mineralization, but copper oxides were noted near station 1T-14. Trenches 1, 3, and 7 indicate that the footwall zone extends at least 500 feet farther to the northeast but that occurrences of copper mineralization are spotty, for the most part limited to weak oxide stains along joints and shears. Trench 1 exposed 2 or 3 short streaks of weak copper-oxide stains, but before these could be sampled, heavy rain caused the walls to cave. The infrequency of the mineralized streaks, their size, and the apparent weakness of the mineralization did not warrant cleaning out the trench. In trench 3, 2 contiguous zones each 50 feet long contained 0.05 and 0.10 percent copper, respectively. In trench 7, a zone 75 feet wide containing 3 short, knifelike streaks of copper oxide had an average grade of 1.31 percent copper.

The hanging-wall zone was first noted in the most easterly road cuts (pl. 2). Prior to the CME work a fairly deep trench, bulldozed below this showing, exposed a zone about 50 feet wide containing streaks of malachite and small amounts of chalcopyrite between which were scattered copper-oxide stains of various degrees of intensity. Also prior to the CME work tunnel E (pl. 3) was started along the best showing and was driven N. 77° E. for about 120 feet. About 55 feet from the portal a diagonal crosscut was driven N. 42° E. for about 40 feet.

In the main drift there are two "lenses" of malachite and chalcopyrite both striking about N. 65° E.; the first "lens" dips from 45° to 50° SE. and the second one from 33° to 36° SE. The term "lens" is here used loosely to describe streaks containing considerably more of the copper minerals than do other parts of the workings. Actually, the copper mineralization is due to replacement in the more receptive beds rather than to true fissure filling. Each "lens" is broken into short segments by a series of small displacement faults that strike northerly and dip from vertically to 60° westerly. The "lens" nearest the portal is considerably higher grade than the next one; from the former, 4 car samples averaged 0.98 percent copper and 28 cut samples averaged 2.02 percent and from the latter 4 car samples averaged 0.32 percent and 8 cut samples averaged 0.54 percent. The locations and assays of some of the samples are shown on plate 3; the others are shown on an assay map which

accompanied the application. No car samples were taken from the first 43 feet of the drift, but 23 of the cut samples were taken within that distance which largely accounts for the discrepancy between the average of assays of the cut and the car samples from the first "lens."

The diagonal crosscut exposes a gabbro dike and a third "lens" of copper concentration comprising malachite and a considerable amount of chalcopyrite. Nine cut samples from this "lens" ranged in grade from a trace to 3.5 percent copper and averaged 0.93 percent. Because of the limited exposure of the gabbro dike, which was seen only in the tunnel, it is not known to what extent it may have controlled the copper deposition.

An old tunnel near station 1T-26 (pl. 2) is about 120 feet northwesterly from the projected position of the hanging-wall zone. Some copper-oxide staining and 1 or 2 small grains of chalcopyrite appear to be confined to certain beds and cross fractures, but whether they are the result of original replacement of the wall rock or of secondary deposition of copper leached from the hanging-wall zone could not be determined with certainty. The presence of limited amounts of chalcopyrite in the tunnel and the weak oxide stains and occasional pieces of chalcopyrite observed at intervals along two road segments between the footwall and hanging-wall zones suggest that probably the copper in the tunnel is due to primary replacement.

At several places along road cuts between the footwall and hanging-wall zones copper-oxide stains, some malachite, and occasionally chalcopyrite occur. Although iron oxides are abundant in both tunnels, the presence of fairly fresh chalcopyrite within a few feet of the surface and the absence of any appreciable amount of iron-stained pits within the rocks suggest that deep leaching with the resultant formation of secondary chalcocite ore bodies is improbable.

Trenches 2, 4, and 5 were bulldozed to explore the hanging-wall zone, but the results were somewhat disappointing. Trench 2 disclosed no copper mineralization. Trench 4 passing over the projected location of the showings in tunnel B cut a 60-foot wide zone that averaged 0.88 percent copper and included 3 feet that assayed 2.03 percent. Projected down dip and along the strike, this zone would be southeasterly of the tunnel B showings indicating additional offset faulting beyond the tunnel face. Trench 5 uncovered a 55-foot wide zone averaging 0.10 percent copper which included 1 foot that assayed 0.53 percent. Although there was no other showing in trench 5, it is doubtful, though not impossible, that this zone represents an offset segment of the tunnel B zone. A more probable conclusion is that zones of copper mineralization are not continuous for appreciable distances and that they are scattered irregularly in the area explored.

THE PROJECT

After an on-site inspection it was concluded that there was a possibility of finding replacement zones along or between the hanging-wall and footwall zones and that, should such zones be sufficiently wide, close enough together, and maintain an average grade of 1 or 2 percent copper, an ore body minable by open-cut methods might exist in this area. It was also considered possible that either or both the footwall and hanging-wall zones might contain ore bodies minable by underground methods. To explore these possibilities a three-stage program was set up with the second and third stages dependent upon the results of the previous stage. Stage I provided for bulldozing 6 trenches, 2 to expose the footwall zone and 4 to expose the hanging-wall zone. Stage II provided for diamond drilling 9 holes, BX to AX core size. Four holes were to be drilled so as to pass through both the hanging-wall and the footwall zones, 3 were to traverse the hanging-wall zone, a distance of approximately 50 feet, and 2 were to traverse the footwall zone, a distance of approximately 50 feet. Stage III provided for drifting 800 feet along either the hanging-wall or footwall or midway between them as indicated by the results of Stages I and II, and testing the walls of the drift by diamond drilling or percussion drilling depending upon the location of the drift. The contract was amended only once to permit a recess and to extend the contract and royalty periods.

Under Stage I, 6 trenches were bulldozed, 3 across each wall zone. A seventh trench was attempted across the hanging wall, but overburden in excess of 10 feet prevented its completion. Due to generally thick overburden above bedrock trenching was slow and at times frustrating because of sloughing walls especially following heavy rains. Completion of trenches 1 and 2 were further delayed because of their respective locations relative to the road which was being used by loggers and, in season, by hunters.

During the trenching period, the Operator ran 3 geochemical traverses involving 59 soil samples (pl. 2). The net results of the soil sampling indicate a definite but weak copper anomaly between the hanging-wall and footwall zones not far from the projected trace of the latter. Three geochemical traverse lines cross the indicated anomalous area, but the distances between the lines, 110 feet and 350 feet, and the spacing of sample sites at 50-foot intervals along the lines causes doubt as to the validity of the Operator's interpretation. Moreover, 2 of the soil samples taken about 100 feet northeasterly of tunnel B and about 40 feet southwesterly of trench 4, showed respectively only 1.0 and 0.5 ppm copper. Samples in tunnel B assayed up to 8.7 percent copper and others from trench 4 assayed 0.88 percent copper over a width of 60 feet.

The Operator at his own expense also put down three rotary drill holes that tended to confirm the spotty occurrence and erratic grade of copper mineralization. Rotary hole 1 was collared near the southeasterly end of trench 1 about 15 feet from a 100 ppm soil sample. It was drilled to a depth of 109 feet and cuttings from each 2 feet were assayed. In the first 93 feet, 15 assays were nil and none of the other 21 assays were more than a trace copper. From 93 to 103 feet samples from each 2 feet assayed, respectively, 0.35, 0.20, 0.24, nil, and 0.42 for an average grade of 0.24 percent copper over the 10-foot interval. Rotary hole 2 collared at coordinates 3920N - 3810E was drilled to a depth of 137 feet. Cuttings from each 2 feet of hole were sampled and assayed; except for 6 separated samples which assayed from 0.04 to 0.18 percent copper, all assays were a trace or nil. This hole should have entered well into the hanging-wall zone as projected from tunnel B. Rotary hole 3, collared about 140 feet due south of the portal of tunnel B, was drilled to a depth of 87 feet. From 63 to 75 feet assays of 5 samples averaged 0.66 percent copper; assay of a sixth sample within this interval is missing, but if it is included as nil, the average grade of the 12-foot interval is 0.55 percent copper.

An appraisal of the results of OME and company work completed up to this point brought out some facts indicating that further OME work was not justified and others that appeared to justify cautious step-by-step core drilling under Stage II.

Unfavorable facts were:

1. Although fresh sulfides occur at or near the surface indicating probable shallow oxidation, at other places only trace of oxides were found, indicating possible deeper leaching.

2. No large area of gossan containing iron-stained pits typical of that associated with disseminated copper deposits has been demonstrated although small areas are heavily iron stained.

3. Deep overburden makes trenching costly and not entirely satisfactory as there is some evidence that in the more porous beds copper minerals have been completely leached below the depth limit of feasible trenching.

4. Soil sampling is not reliable in this area and the value of rotary drilling is questionable.

The favorable facts were:

1. The grade of some of the samples of the "lenses" exposed in tunnel B is attractive.

2. The 60-foot zone of 0.88 percent copper, including the 3 feet of 2.03 percent copper found in trench 4, is interesting.

3. The 75-foot zone of 1.31 percent copper, including the 50-foot zone of 2.5 percent copper, is also attractive.

4. Although the value of soil sampling is questionable, the indicated zone of 100 ppm copper cannot be completely disregarded.

Considering the unfavorable and the favorable facts, it was concluded that the results of the OME and the company work combined had not been too encouraging, nor had they been completely discouraging. Therefore, authorization was given the Operator to diamond drill 1 hole, to be collared approximately 75 feet S. 19° E. from station T-4-A (fig. 1), bearing N. 31° W. at -66° to a depth of 450 feet. Considerable difficulty was encountered during the attempt to drill this hole. Bothersome caving was encountered until, at a depth of 201 feet, the bit and reaming shell were lost and could not be recovered. Drilling was then discontinued. Only 2 hole sections, each less than 1/4-inch wide, showed copper mineralization too weak to warrant assaying. Sludge samples were collected for each 2 feet of hole, but none showed any copper mineral.

At the Operator's request the contract was terminated by mutual agreement after diamond drilling was stopped. The contract specified that the Government would not participate in the cost of any incompleted diamond drill hole; therefore, this hole was drilled at the Operator's sole expense.

Summary of Factual Data

Work authorized by the contract on an actual cost basis and completed was:

Stage I

Item	Units authorized	Units completed	Unit cost	Total cost
Category (1)				
Bulldozing	180 hrs	180 hrs	$16.00	$2,880.00
Category (2)				
Engineer-geologist-supervisor	3/4 mos	3/4 mos	$500.00	375.00
Category (7)				
Payroll taxes				11.25
Total cost - Stage I				$3,266.25

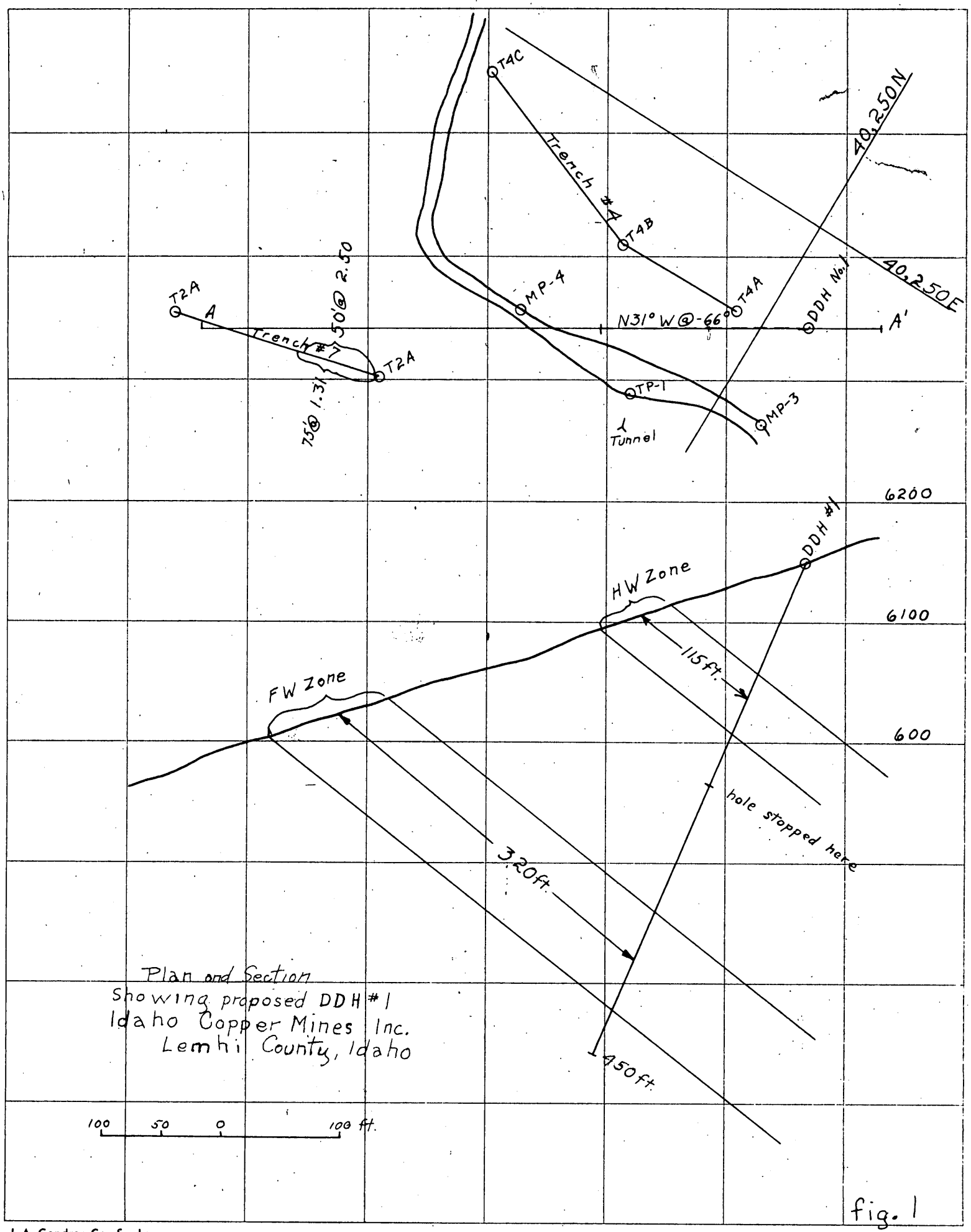
Total amount of contract (rounded)	$88,030.00
Government participation at 50 percent	44,015.00
Total amount spent	$ 3,266.25
Government participation	1,633.12
Total amount unexpended	$84,763.75
Government share unexpended	42,381.88

Future Exploration Possibilities

Exploration by trenching or geochemical methods has not given very satisfactory results, largely because of heavy overburden and moderately to very steep slopes, but evidence of copper mineralization at scattered places and in varying amounts have been shown to exist. On the basis of present knowledge of the explored area, further exploration is believed to be a long-shot undertaking at the present time. A cautious program of diamond drilling as a prospecting tool might disclose information that would lead to a more favorable target area, but such a venture would be fairly costly and could be a complete failure.

Enclosures
Distribution:
OME(3)
USGS(SRO)
Docket
MacLaren

OME-6132



Plan and Section
Showing proposed DDH #1
Idaho Copper Mines Inc.
Lemhi County, Idaho

fig. 1

J. A. Gendron Co., Spokane
K+E ALBANENE 195M TRACING PAPER 62943

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/20	[illegible]	110
	[illegible]	100
6/20	[illegible]	220
~~6/21~~	~~Murphy~~	~~500~~

JUN 20 1963

Memorandum

To: Acting Field Officer, Region I

From: E. D. Talbert, Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: OME-6111 (Lead-Zinc-Copper)
Emerald Empire Mining Company
Musick Mine
Lane County, Oregon
Contract 2125
and
OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

Your June 18 memorandum requests clarification of "apparent discrepancies" in payments under the subject contract. Actually, no discrepancies exist for the reason that payments to the Operators are not necessarily the disbursements set forth in the monthly reports of fiscal transactions. The differences are due to amounts temporarily withheld from the Operator and placed in "suspense" in a special deposit account.

In the case of Contract 2125, the report of fiscal transactions for March 1962 shows $3,079.00 disbursed from 14X0108; however, only $2,879.00 was paid to the Operator and, on your request, $200.00 was placed in "suspense". The report for April shows $892.40 disbursed from 14X0108, but the Operator was paid $1,092.40 including the $200.00 from the "suspense" account.

Under Contract 2131, the January 1962 report shows disbursements of $708.00, including $50.00 placed in "suspense" at your request. The March 1963 report shows disbursements of $421.12, but the Operator was paid $471.12 including the $50.00 from the "suspense" account.

EDTalbert/ama 6-20-63

cc:
Docket - OME-6132
Director's Reading File
CA & A Division

43683

No. 157 Howard Street
Spokane 4, Washington
June 18, 1963

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 20 1963
DATE INITIAL
6/20 J. Murphy 500

Air Mail

Memorandum

To: Chief, Contract Administration and Audit Division

From: Acting Field Officer, Region I

Subject: OME-6111 (Lead-Zinc-Copper)
Emerald Empire Mining Company
Mazick Mine
Lane County, Oregon
Contract 2185
and
OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Park, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

In reference to Contract 2185 (Emerald Empire Mining Co.) on checking our files we note that the Report of Review dated February 20, 1963, indicates a balance due the Operator in the amount of $1,092.40. The monthly report of fiscal transactions dated April 3, 1963, shows that this Operator was paid $592.40. As no further payments have been indicated in the transactions for April and May, we do not understand the difference of $500.00 between the balance due and the amount paid.

Also in reference to Contract 2131 (Idaho Copper Mines, Inc.) your memorandum of March 21, 1963, indicates a balance due the Operator as shown on your Report of Review dated March 14, 1963, should have been $471.12 rather than the $421.12. The March transactions indicate that the Operator was paid $421.12. Neither the April or May report of Fiscal transactions indicates payment of the additional $50.00.

Clarification of these two apparent discrepancies will be appreciated.

D. H. MacLaren

DHMacLaren:mls
cc: OME(2); CFF
Reading copies to:
Nolan; McKelvey

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

DATE		CODE
3/27		800
		500
3/27	Murphy	

So. 157 Howard Street
Spokane 4, Washington
March 25, 1963

Mr. Lyman DeStaffany
President and Managing Director
Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta
Canada

Re: OME-6152 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2151

Dear Mr. DeStaffany:

I have just been advised that when the Report of Review, a copy of which we sent you on March 18, 1963, was prepared the fact that $50.00 was withheld and placed in suspense in the payment for November, 1961, was overlooked. Accordingly, the amounts indicated in the Report of Review should have been:

Payable on audited claim	$1,633.12
Paid to date	1,162.00
Balance due Operator	$ 471.12

Payment of the $471.12 is being processed and should be received shortly.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my

cc: OME(2)
CPF
Reading copies to:
Nolan
McKelvey

rm 7

OFFICIAL FILE COPY

Date	Surname	Code
3/29	Gae	220
	Greenwalt	500
3/29	Murphy	500

MAR 21 1963

Memorandum

To: Acting Field Officer, Region I

From: E. D. Talbert, Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

The Report of Review on the subject contract, as submitted to you by my March 14 memorandum, indicates that payments as follows are valid and proper:

Payable on audited claim	$1,633.12
Paid to date	1,212.00
Balance due Operator	$ 421.12

In the preparation of this Report of Review I overlooked the fact that, in accordance with your request, $50.00 was withheld from the Operator and placed in suspense in the payment of the November 1961 MME Form 60. Accordingly, the amounts should have been stated as follows:

Payable on audited claim	$1,633.12
Paid to date	1,162.00
Balance due Operator	$ 471.12

Please correct your copy of the Report of Review and notify the Operator of the error. The original has been corrected by the Department's Fiscal Section and payment of the $471.12 is being processed.

EDTalbert/ama 3-21-63

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

43683

So. 157 Howard Street
Spokane 4, Washington
March 18, 1963

Mr. Lyman DeStaffany
President and Managing Director
Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta
Canada

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. DeStaffany:

There is enclosed a copy of a Report of Review in lieu of a final audit, dated March 14, 1963, covering the subject contract. Payment of "Balance due Operator" in the amount of $421.12 will be made by our Washington, D. C., office and should be received shortly.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

Enclosure

DRMacLaren:my

cc: OME
Fiscal Sect.
CFF
Reading copies to:
Nelan
McKelvey

OFFICIAL FILE COPY
O. M. E
RECEIVED MAR 24 1963
DATE
3/21 800
500
Murphy 500

Form 7
-58)

OFFICIAL FILE COPY

Date	Surname	Code
3/14	Cae	220
3/15	Murphy	500

MAR 1 4 1963

Memorandum

To: Acting Field Officer, Region I

From: E. D. Talbert, Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claims
Lemhi County, Idaho
Contract 2131

As requested by your March 11 memorandum, a Report of Review in lieu of a final audit has been prepared for the subject contract. If you concur in the facts stated therein, the enclosed original and two copies should be distributed in accordance with section 4 of OME Circular 2.

As evidence of your concurrence, a copy of your letter transmitting the Operator's copy should be furnished to this Division. If for any reason you do not concur, the original and both copies should be returned to this Division with your comments.

The original of the final (May-Oct. 1962) MME Form 60 with attachments is returned.

Enclosures

EDTalbert/ama 3-14-63

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
March 11, 1963

Memorandum

To: Chief, Contract Administration and Audit Division

From: Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Work under the subject contract was terminated effective October 15, 1962, by an agreement dated February 15, 1963.

The number of units of work completed by the Operator and accepted by the Acting Field Officer as conforming to contract specifications were:

Stage I trenching	180 hours

An acceptable final engineering and geological report was received from the Operator March 4, 1963.

A Report of Review, in lieu of a final audit, is in order and requested. For this purpose, the original copies of the final (May - October, 1962) MME-60 and MME-61, together with supporting documentation, are attached.

D. R. MacLaren

Attachments

OFFICIAL FILE COPY
O.M.E.
RECEIVED MAR 13 1963
DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
March 7, 1963

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al, Claims
Lemhi County, Idaho
Contract 2131

Enclosed are the original and two copies of an acceptable Operator's final report on the subject project.

As soon as his final voucher has been checked, a Report of Review in Lieu of a Final Audit will be requested.

The Termination Agreement contains a pseudo-certification.

Marion note this on card. [illegible]

D. R. MacLaren

D. R. MacLaren

Enclosures

OFFICIAL FILE COPY
O. M. E
RECEIVED MAR 11 1963

DATE		CODE
3/11	[illegible]	800
3/12	[illegible]	500
	[illegible]	600

IDAHO COPPER MINES, INC.
FINAL REPORT - OME 6132

Work under Exploration Contract No. 14-23-090-2131 dated September 21, 1961, was begun October 12, 1961 and continued with the exception of a recess granted from November 9, 1961 to May 21, 1962 until work was stopped on October 15, 1962.

Work during this period consisted of a series of Trenches dug by a D8 Caterpillar at predetermined locations in the Mineralized zones. Due to deep overburden these were very costly and while the results were not too encouraging, nor were they completely definitive. Considerable trouble was encountered with the walls of the Trenches caveing as they were being dug and later on with rains or spring run off. When work resumed in May after the winter recess, several of the Trenches were cleaned out and sampled and the balance of the trenching was completed to end Stage I of the Contract.

At this point it was mutually agreed to begin a step by step Diamond Drilling Program. Hole # 1 with alot of difficulty with poor ground and caveing was drilled to a total depth of 201' but had to be stopped there when the Bit and Reaming Shell were lost in the Hole. Results of the hole to this depth were very dissapointing. As this hole was projected through the most favorable area of the zone with out results, togeather with the information obtained from Stage I, as well as work preformed outside the contract, it was decided that further work would not be warranted.

..... con't.

Final Report

At this time it was proposed to terminate the contract by mutual agreement.

Considerable work was done by the company outside the contract. Soil samples were taken in a pattern across the zone. Results of these were later proven to have very little relationship to the zone at depth. Three Rotary Drill Holes were drilled in the late fall of 1961, all of these cut low grade values, however they provided very little additional information. A water supply dam for drilling was constructed. Access roads were kept clear and maintained. Total direct costs for this work were in excess of the amount of $4,900.60 which has been submitted through Monthly Vouchers under the terms of the Contract. Information gained by work outside the contract was submitted with the Monthly Reports.

The company has found the Contract competently directed by Acting Field Officer, D. R. MacLaren, to whom credit must go for the accurate analysis of problems and conditions encountered.

Respectfully submitted,

K. A. Suitor.

MME FORM 6 RE[redacted]SLIP
REV. 2-59 [redacted]OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, Divn. of Field Operations	3/4/63	
2.		
3.		
4.		
5. D R MacLaren		
FROM: D. R. MacLaren, Act. Fld. Offr. Region I		

FOR: Check items for action desired

X Action ____ Reply for signature of ____
____ Approval ____ Investigate ____ Surname
____ Comment ____ Recommendations ____ Signature
____ Conference ____ Rewrite ____ File
____ Instructions ____ Your information

REMARKS: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Government, Fiscal Section, and Audit copies of signed Termination Agreement.

Idaho Copper Mines Inc.

OFFICIAL FILE COPY
O. M. & E.
RECEIVED MAR 6 1903
DATE

Grinnell 100
H. Murphy 500

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

DATE		
3/4	[illegible]	800
		500
3/5	Murphy	500

So. 157 Howard Street
Spokane 4, Washington
February 28, 1963

Mr. Lyman DeStaffany
President and Managing Director
Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta
Canada

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. DeStaffany:

Under separate cover we are returning the tracing of the surface map for Idaho Copper Mines, Inc.

Sincerely yours,

D. N. MacLaren
Acting Field Officer, OME
Region I

DNMacLaren:ny

cc: OME
Reading copies to:
Nolan
McKelvey

OFFICIAL FILE COPY
O. M. E
RECEIVED FEB 25 1963

DATE	ENTRIES	
2/26	Ung	800
	~~Unassigned~~	500
2/27	~~Murphy~~	322

So. 157 Howard Street
Spokane 4, Washington
February 20, 1963

Mr. Lyman DeStaffany
President and Managing Director
Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta
Canada

Re: CMS-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. DeStaffany:

There are enclosed the original and four copies of a proposed Termination Agreement to the referenced contract, signed by the Director of OME for the Government.

If the proposed agreement is satisfactory, please sign all five copies, retain the Operator's copy for your records, and return the original and three remaining copies to this office.

If the agreement is not satisfactory to you, please return all copies to this office unsigned with your statement of proposed changes for consideration.

Sincerely yours,

D. R. Macianen
Acting Field Officer, OME
Region I

Enclosures

DRMacLaren:sy

cc: OME
Sending copies to:
Nolan
McKelvey

Form 7
-58)

OFFICIAL FILE COPY

Date	Surname	Code
2/13	Murphy	500
	Tribula	500
2/13	Talbert	800
/	GCS	130
2/14	Johnson	110
2/14	Franch	100
2/15	CAC	220
		500

FEB 1 5 1963

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

With reference to my memorandum of January 23 and your reply of February 4, 1963, we are enclosing the original and four copies of a proposed Termination Agreement (2 pages) to the referenced contract, signed by the Director for the Government. An extra copy of the agreement is enclosed for your use.

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

If any part of the proposed agreement 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.

Enclosures

George C. Selfridge (glc)

FMMurphy/mm
2/13/63
cc: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
February 4, 1963

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 6 1963

DATE	INITIALS	CODE
2/6		800
	Murphy	500

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

In reference to your memorandum of January 23, 1963, the enclosed copy of a letter dated January 31, 1963, from Lyman DeStaffany, President and Managing Director, Idaho Copper Mines, Inc., gives the date of termination of work under the subject contract as October 15, 1962.

D. R. MacLaren

D. R. MacLaren

Enclosure

So. 157 Howard Street
Spokane 4, Washington
January 28, 1963

OFFICIAL FILE COPY
O. M. E
RECEIVED JAN 31 1963

DATE	INITIALS	CODE
1/31	[illegible]	800
	[illegible]	500
1/31	Murphy	500

Mr. Lyman DeStaffany
President and Managing Director
Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta
Canada

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. DeStaffany:

I have just been notified by our Washington, D. C., office that they will prepare the mutual termination agreement requested by Mr. Suitor in his May-October, 1962, Narrative Report.

Will you kindly advise us as to the date work was stopped? This date is not mentioned in the May-October, 1962, Narrative Report.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:mg

cc: OME
Reading copies to:
Nelson
McKelvey

No. 157 Howard Street
Spokane 4, Washington
January 21, 1963

OFFICIAL FILE COPY
DATE
RECEIVED JAN 23 1963

1/23 800
~~120~~
~~Howard~~ 500
1/28 Murphy 500

Mr. Lyman DeStaffany
President and Managing Director
Idaho Copper Mines, Inc.
11009 Jasper Avenue
Edmonton, Alberta
Canada

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. DeStaffany:

In a letter dated October 10, 1962, Mr. Suiter gave us a Trail, B.C., address at which he could then be reached for the purpose of making an appointment to come to Spokane.

In his letter of October 29, 1962, to which you refer, Mr. Suiter gave us a new post office box number for the Company's field office at Salmon. Other than the change in box number, we have not been notified of any change of address.

Enclosed are Thermo-Fax copies of letters dated November 30, 1962, and December 19, 1962, which we wrote to Mr. Suiter at the Salmon address. The letters, which are self-explanatory, comprise our reply to Mr. Suiter's letter of October 29.

You will note in our letter of December 19 that, in accordance with the request in the final paragraph of the May-October 1962 Narrative Report, we have requested that the contract be terminated by mutual consent. As soon as we are notified, we will advise you at the above address. I hope this will clarify the situation, and thank you for notifying us of the nonreceipt of our letters.

Sincerely yours,

Note: Washington requested cancellation date 1/23/63.
JMM

D. R. MacLaren
Acting Field Officer, OME
Region I

Enclosures
DRMacLaren:ny
cc: OME(2); CPP
Reading copies to: Nelson; McKelvey

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
1/21	on leave	500
	Linnell	500
1/21	Talbot	800
	[illegible]	130
1/22	[illegible]	110
[illegible]	[illegible]	100
1/23	[illegible]	220
		500

Memorandum JAN 2 3 1963

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

With reference to your memorandum of December 20, 1962, we shall prepare the requested mutual termination agreement. Therefore, will you please advise the date work was stopped. The Operator's Narrative Report for May-October 1962 does not mention the final date.

George C. Selfridge (gla)

FMMurphy/mm
1/21/63
cc: Director's Reading ~~XXXXX~~ File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

So. 157 Howard Street
Spokane 4, Washington
December 20, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 23 1962

DATE		
		~~120~~
12/27		800
"	Received	500
	Murphy	

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Enclosed is a Thermo-Fax copy of the Narrative Report which accompanied the subject operator's voucher for May-October, 1962, and two copies of a letter dated December 19, 1962, to the operator.

In view of the spotty copper showings encountered in the trenching and the results of the completed portion of the drill hole as described in the narrative, it is recommended that the operator's request for termination of the contract by mutual consent be approved. As the requested and authorized drilling was not completed, it is also recommended that a pseudo-certification be incorporated within the termination agreement.

The hole was drilled far enough to have passed through a zone sampled in trench No. 4, taken at T4B (see sketch accompanying Work Authorization dated July 25, 1962). The sample assayed 2.05 percent copper over a width of three feet. A zone in the footwall sampled in trench 7 was not reached by the drill hole. Two samples of this zone assayed, respectively, 2.5 percent copper over a width of 50 feet and 1.31 percent copper over a 75-foot width.

D. R. MacLaren

D. R. MacLaren

Enclosures

(See Opr.'s Narrative Report in Folder No. 2)

So. 157 Howard Street
Spokane 4, Washington
December 19, 1962

Mr. K. A. Suitor, Manager
Idaho Copper Mines, Inc.
Box 222
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suitor:

This is in further reference to our letter of November 30, 1962, which was based solely on a check of your May-October, 1962, voucher, without a check of the "Exhibit A, General Provisions" section of the contract.

The fourth paragraph on page 2 of Exhibit A states: "The Government will not participate in the cost of any incomplete diamond drill holes." Therefore, the documentary support for the drilling claimed in your voucher will not be required. As the core boxes are, in a sense, a cost chargeable to drilling, the claim for their cost would also be disallowed and therefore documentary support for them also will not be required. For the same reason, the sketch mentioned in the next to last paragraph of my November 30 letter will not be necessary.

I will refer your request for termination by mutual consent to our Washington, D. C., office.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my

cc: OME(2)
CPF
Reading copies to:
Nolan
McKelvey

So. 157 Howard Street
Spokane 4, Washington
November 30, 1962

12/3 800
500
~~Murphy 500~~

Mr. K. A. Suitor, Manager
Idaho Copper Mines, Inc.
Box 222
Salmon, Idaho

Re: CME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suitor:

Your May-October voucher arrived the day I left the office for an extended field trip, and I have just now had an opportunity to review it.

John Jewett's invoice shows bulldozing was done during the voucher period on trenches 2, 3, 4, 5, and 6. According to the narrative, trench 7 was also bulldozed during this period; trench 4 work was limited to cleaning out the trench and must therefore be disallowed; trench 5 was cleaned out and extended and on the time basis reported for trench 4, only four of the eight hours shown on the invoice appear to be acceptable contract charges; and, as previously discussed, trench 6 could not be completed and trench 7 was substituted for it. As a total of 184½ hours of bulldozing appears to be properly supported and the contract authorizes only 180 hours, this may seem to be purely academic but I want to be sure the picture is mutually clear.

The original payroll appears to support the claim for Engineer-Geologist-Supervisor, but the claim for drilling lacks support. Under the terms of the contract, the drilling costs are provided for in Stage II under Category (1)--Independent contracts. As set forth in the next to last paragraph on the back of the MMB Form 60, Monthly Voucher, the claim for reimbursement for drilling, reaming, casing, etc., should be supported by a copy of the driller's invoice showing <u>feet</u> of NX and AX drilling, reaming, and casing, and the <u>hours</u> of cementing, redrilling, etc. The claim for core boxes under Category (3) should also be supported by an invoice. If they were supplied by the driller, they should be included in his invoice.

Also lacking is a sketch bringing up to date the location of trench 2 and the diamond drill hole, as well as a section in the plane of the drill hole correlating, if possible, the surface features and structures with those found in the drill hole.

I had hoped to see you at the Northwest Mining Association meeting so I could again discuss with you the necessity of the voucher supporting data. When the lacking information is received, I will continue to process the voucher.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my

cc: OME(2)
CFF
Reading copies to:
Nolan
McKelvey

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 17 1962

DATE	INITIAL	
10/17		1800
10/18	Murphy	500
	6132	

So. 157 Howard Street
Spokane 4, Washington
October 15, 1962

Mr. K. A. Suitor
118 Wellington Street
Trail, British Columbia
Canada

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suitor:

I was indeed sorry to miss your last two calls at the office. Either I have a compulsion to be in the field when you call, or you have a compulsion to call when I am in the field--at least, neither of us appears to be very psychic.

I shall certainly be in the office every week day through October 26th and most probably through November 2nd and will be happy to see you at your convenience during that period. Should you plan to be in after October 26th, it might be advisable to telephone first, as I have to make a swing through all localities where we have going contracts, and with winter closing in I want to get started not later than the first part of November.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my
cc: OME
Reading copies to:
Nelan
McKelvey

So. 157 Howard Street
Spokane 4, Washington
September 7, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 10 1962
9/10 800
500

Mr. Kenneth A. Suitor, Secretary
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suitor:

In our Work Authorization of July 25, 1962, we advised you that our Washington, D. C., office would prepare an amendment reducing the number of trenches in Stage I from six to five. Subsequently, you told me in a telephone conversation that you had put in trench 2. As trenches 1 through 5 have been put in as provided by the contract and trench 7, provisionally authorized last December, has been put in in lieu of trench 6 when the overburden was found to be in excess of ten feet, no amendment is necessary.

We are still holding your voucher for May, as you requested when you were in the office. In this voucher $525.00 claimed for 3/4 month personal services has been deleted pending proper documentation in accordance with instructions on the reverse of MME Form 60. It is suggested that you authorize us to forward this voucher or prepare a new one bringing your account up to date. Whether or not you wish to voucher the drilling of diamond drill hole No. 1 at this time, you should submit a narrative report describing the work performed since May.

I am sorry I missed your call at the office when I was in the field. I will be out again from September 9 until September 14, after which I expect to be in for about three weeks.

Sincerely yours,

D. R. Maclaren
Acting Field Officer, OME
Region I

DRMaclaren:my
cc: OME(2)
CFF
Reading copies to:
Nolan, McKelvey

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
8/21	Murphy	500
	[illegible]	500
8/21	Talbot	800
"	on leave	130
"	Johnson	110
8-21	Hersch	100
8/21	Coe	220
		500

Memorandum

AUG 21 1962

To: Acting Field Officer, Region I

From: Acting Chief, Division of Field Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

We note in your memorandum of August 15, 1962, that trenches Nos. 1 through 5 have been put in as provided in the contract and that the depth of the overburden in the area of trench No. 6 was found to be in excess of 10 feet.

Since this depth was excessive, and trench No. 7, which you provisionally authorized, served the purpose of the contract in lieu of the original authorized trench No. 6, it appears that trench No. 7 is acceptable and, hence, there is no need to amend the contract.

W. R. Griswold (gla)

FMMurphy/gla
8-21-62
cc to: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
August 15, 1962

RECEIVED AUG 17 1962		
DATE	INITIALS	CODE
8/17	[illegible]	800
"	[illegible]	500
	Murphy	

Memorandum

To: Acting Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
2131

This refers to your memorandum of August 6, 1962, regarding justification for changes in the proposed Amendment No. 2, which was returned with my memorandum of July 30.

When the contract was executed, the field authorized trenches 1 through 6 at the approximate locations shown on the map accompanying the application. As set forth in the third paragraph of my memorandum of July 10, the company geologist expressed concern that the heavy overburden might make bulldozing of trench No. 6 extremely difficult, and excessively costly. He was told to try to bulldoze trench No. 6 and that if his fears were found to be correct to put in trench No. 7 between Nos. 1 and 3. Before leaving the company's employ shortly after my December 1961 inspection, the geologist put on the company map the proposed location of this trench, incorrectly labeling it trench No. 2 instead of trench No. 7, and did not tell Mr. Suitor, who was not present during the discussion in December, that it was authorized only if the overburden at trench No. 6 proved too deep to make bulldozing feasible. In May 1962, Suitor put in trench No. 7 (believing it to be an approved relocation of trench No. 2) and tried to put in trench No. 6 at the indicated location shown on the contract map. He found the overburden at trench No. 6 to be in excess of 10 feet and abandoned the effort.

The first week in August Mr. Suitor telephoned the office to ask for the location, bearing, inclination, and depth of the drill holes, as he was ready to start drilling them. He remarked that he had completed trench No. 2 as originally provided in the contract. Therefore, since it now appears that trenches Nos. 1 through 5 have been put in as provided for in the contract, and in addition provisionally authorized trench No. 7 has been put in in lieu of trench No. 6, I do not see the need for an amendment unless you deem it expedient to disallow the provisionally authorized transfer of trench No. 6 to trench No. 7. In this case, of course, an amendment would be necessary to reduce the number of trenches from six to five.

Regarding justification for the time that should be allowed, I can only refer to the bulldozer operator's invoices and point out that the depth of overburden, particularly down the northwesterly slopes and progressively to the northeast, is erratic and excessive. It has already required 188½ hours to bulldoze trenches Nos. 1, 3, 4, 5, and 7.

The Operator sent me the tracing on which he had located the completed trenches, except trench No. 2. From his tracing I made an intermediate, on which I superimposed the soil sample results. Prints of this intermediate accompanied my interim inspection report dated July 10, 1962. The Operator has no other map to offer.

Possibly I have not understood correctly your memorandum of August 6, but as I do understand it the above remarks, my memorandum of July 30, and the map accompanying my interim inspection report of July 10 contain all the facts and justification I can give to amend the contract fairly, if such amendment is deemed necessary.

D. R. MacLaren

MY

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
8/6	Murphy	500
	[illegible]	500
8/6	Talbert	800
8/6	On leave	130
"	Johnson	110
8/6	On leave	100
8/6	Cox	220
		500

Memorandum

AUG 6 1962

To: Acting Field Officer, Region I

From: ACTING Chief, Division of Field Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

This is to acknowledge receipt of your memorandum of July 30, 1962, returning all copies of proposed Amendment No. 2 for alterations.

With regard to the trenches, please advise which trenches the field authorized. It is recommended that you write the Operator and request a sketch to clarify the location of the five approved trenches and send copies of the sketch to this office.

With respect to your recommendation to allow the total of 180 hours as specified for the six trenches, we would have to have a sufficient justification for such action; otherwise, it could not be authorized.

We will withhold action on proposed Amendment No. 2 pending receipt of the above-mentioned sketch and your justification for allowing 180 hours for bulldozing.

W. R. Griswold
(GB)

FMMurphy/gla
8-6-62
cc to: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
July 30, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 1 1962

DATE	INITIALS	CODE
8/1	On leave	120
-	Received	500
~~8/8~~	~~Murphy~~	~~500~~

Memorandum

To : Chief, Division of Field Operations

From : Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork et al Claim Groups
Lemhi County, Idaho
Contract 2131

I am returning all copies of proposed Amendment No. 2 (two pages) to the subject contract for alterations that are not within my delegated authority.

The following amount of bulldozing has been completed, vouchered, approved, and paid during 1961:

Month	Trench	Hours	Approximate Length	Average Depth
October 1961	#1	33	150 ft.	6 ft
	#4	34	278	4 ft
	#5	30	355	7 ft
November 1961	#5	54½		
Total		151½		

During 1962 the following were completed:

May 1962	#3	14	75 ft	6 ft
	#5	8	extended easterly 88 ft	3 ft
	#7	15	80	5 ft
Total		37		

The above hours of bulldozing is for original trenching and does not include cleaning the trenches of sloughed material after the winter recess. Although the deep overburden caused some sloughing during the trenching that had to be cleaned out, this was part of the original trench bulldozing.

Thus, the total actual time spent in trenching was 188½ hours. The Operator is aware that the time involved for the actual trench bulldozing exceeds the 180 hours authorized in the contract and has made no request for an upward revision. His assumption that Trench #7, which was indicated on his office map by his geologist before leaving the company employ, had been authorized is understandable as he was not present during the entire discussion between

the OME examiner and the geologist. It is about 200 feet from Trenches #1 and #3 in the zone of previously indicated geochemical anomaly. I believe its cost should be allowed, and the 180 hours of dozing should not be changed.

Trenches #1, #3, and #7 are in the footwall zone and Trenches #4 and #5 are in the hanging wall zone. The returned proposed amendment provides only two trenches in the footwall zone and three in the hangingwall. This should be reversed.

Since the last inspection, the Operator telephoned to say he had bulldozed Trench #2 at the location shown on the map. I do not know how much time was required for Trench #2 as I had not seen the amendment when Suitor telephoned. I told him an amendment reducing the number of trenches was being prepared and that #2 would not be allowed as the 180 hours had already been exceeded. However, if Trench #7 should not be allowed, Trench #2 should be. In this event, the specification of two trenches in the footwall and three in the hanging wall zones need not be changed, but the number of shours should be left at 180.

D. R. MacLaren

D. R. MacLaren

Enclosures

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 27 1962

So. 157 Howard Street
Spokane 4, Washington

July 25, 1962

Mr. Kenneth A. Suiter
Secretary
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Work Authorization
OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork et al Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suiter:

Our Washington, D. C., office will prepare an amendment to the above cited contract which will reduce the number of trenches in Stage I from 6 to 5 and will indicate their locations.

As you know, the results of the work completed to date have not been too encouraging, nor have they been completely definitive. However, before terminating the project it might be advisable to proceed with a step-by-step core drilling program under Stage II of the contract.

Referring to enclosed fig. 1, you are authorized to drill one diamond drill hole from a surface station located approximately 75 feet S. 19° E. of station T-4-A, near coordinates 40,218 N. - 40,175 E. The hole should be drilled to a depth of approximately 450 feet at a bearing of N. 31° W. and an inclination of -66°, and should pass through the indicated footwall zone. Specifications regarding size of coring bit, sampling, assaying, etc. should conform to those given in "Exhibit A - General Provisions" of the contract. Your attention is especially directed to Paragraphs 4 through 10, inclusive, of the General Provisions.

If the assays of samples, core and/or sludge, from this hole justify it a second hole will be authorized from a point about 40 feet, S. 82° E. of station T-5-F, near coordinates 40,295 N. - 40,350 E. If authorized, this hole should be drilled N. 31° W. at -65° to a depth of 550 feet.

Please note that this work authorization applies only to hole No. 1 shown on the accompanying sketch.

Sincerely yours

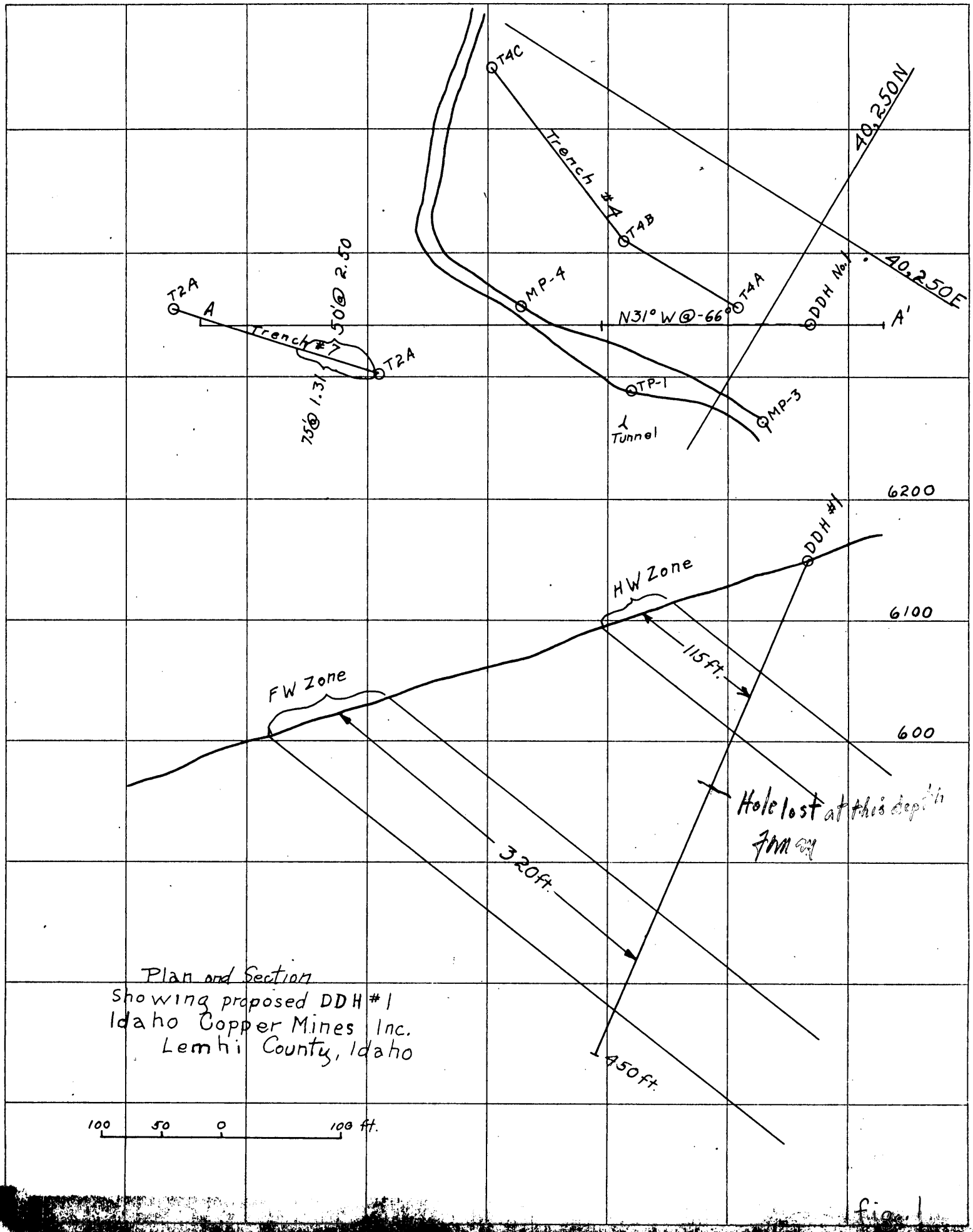
D. R. MacLaren
Acting Field Officer, OME
Region 1

Enclosure
DRMacLaren/rc

cc: OME (2)

Reading copies to:
Nolan
McKelvey

OME-6132



Plan and Section
Showing proposed DDH #1
Idaho Copper Mines Inc.
Lemhi County, Idaho

fig. 1

rm 7
58)

OFFICIAL FILE COPY

Date	Surname	Code
7/20	Murphy	500
	[illegible]	500
7/23	Talbot	800
7/23	[illegible]	130
"	Johnson	110
7/23	[illegible]	100
7/23	[illegible]	500

JUL 23 1962

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: OMK-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

In accordance with my memorandum of July 13, 1962, we are enclosing the original and four copies of a proposed Amendment No. 2 (two pages) to the subject contract, signed by the Director for the Government. An extra copy of the amendment is enclosed for your use.

If the proposed amendment is satisfactory to you and the Operator, all five copies should be signed by 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

(GCS)

Enclosures

FMMurphy/gla
7-19-62
cc to: Director's Reading File
Review Committee
Docket

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
7/17	Talbot	800
		120
		500

July 17, 1962

Memorandum to the File

From: F. M. Murphy, Mining Engineer
Division of Minerals

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2132

JUSTIFICATION FOR AMENDMENT NO. 2

An attempt was made to bulldoze trench No. 6 at the location shown on map Plate 2, but it was found that the overburden was too deep and it was abandoned. To get a second trench across an area of high geochemical anomaly, located by the Operator, the Acting Field Officer approved a trench between No. 1 and 3. This trench was designated No. 7 for purposes of identification. Trench No. 2 was not started.

This amendment allows the Operator to bulldoze trench No. 7 and to eliminate trenches Nos. 2 and 6. The trench work, although exposing the contacts, was not too satisfactory. Therefore, the two trenches eliminated are not necessary as the contacts of the target mineralized area are sufficiently exposed in the other trenches.

F M Murphy

F. M. Murphy

See Memo to R-I
Aug. 21, 1962

DRAFT
7/17/62
FMMurphy/gls

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OMX-6132

AMENDMENT NO. 2

It is agreed this _____ day of _____, 1962, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government," and Idaho Copper Mines, Inc., hereinafter referred to as "the Operator," that Contract No. 2131 (OMX-6132), dated September 21, 1961, as amended, is further amended effective September 21, 1961, as follows:

1.(a) In Exhibit A, under Description of the Work, Stage I, the first paragraph is deleted and replaced as follows:

> The work shall consist of bulldozing two trenches to expose the footwall and three trenches to expose the hanging wall of the mineralized structure shown colored yellow on surface map Plate 2 attached hereto and made part hereof. Over the target zone each trench shall be bulldozed to such depth and length that the zone may be adequately examined and sampled. On Plate 2 the location of each trench as shown is tentative and with prior Government approval may be changed or the trench eliminated.

1.(b) In the second paragraph the figure 180 hours is revised to read 150 hours.

2.(a) In Exhibit A, under Estimated Costs of the Project, Stage I, Actual Costs, Category (1) Independent Contracts, the

work item is revised to read "Bulldozing trenches, 150 hours @ $16.00 $2,400.00".

2.(b) The Total Estimated Cost of $3,671.63 under Stage I is revised to $3,191.63.

3. In Article 1(b) of the contract and in the Summary under Estimated Costs of the Project, the figures $88,030.00 and $44,015.00 are revised to $87,550.00 and $43,775.00, respectively.

This amendment reduces the estimated total cost of the project and the aggregate total amount which the Government may be required to contribute.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Director, Office of Minerals Exploration

IDAHO COPPER MINES, INC.

By_____

Title_____

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
7/12	Murphy	500
		500
	On leave	800
7/13	GCS	130
"	Johnson	110
	Samuel	100
7/13	CAC	220
		500

JUL 13 1962

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

With reference to your memorandum of July 10, 1962, we will amend the subject contract reducing the number of trenches in Stage I from 6 to 5 and change their locations in accordance with the surface map submitted with your memorandum.

We agree that further trenching is not feasible and concur in your recommendation to begin a step-by-step drilling program under Stage II.

George C. Selfridge

(GCS)

FMMurphy/gla
7-12-62
cc to: Director's Reading File
Review Committee
Docket

43683

Mre

OFFICIAL FILE COPY
O. M. E
RECEIVED MAR 23 1962

DATE		
3/23		800
3/23	Grinnell Murphy	500

Sa. 157 Howard Street
Spokane 4, Washington
March 20, 1962

Mr. Kenneth A. Suiter
Secretary
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2151

Dear Mr. Suiter:

Under separate cover we are returning the tracings you sent us in connection with your letter of February 5, 1962, and a print of the exploration area showing the OME trenches completed as well as the company geochemical work and the location of the three company drilled holes. However, I wonder if we have the no. 1 trench plotted correctly as you say that Hole No. 1 was collared at Trench No. 1, but on your maps you show the hole to be about 90 feet south of the end of the trench.

Sections through the holes at the locations shown indicate that Hole No. 1 cut a low-grade copper-bearing zone from 95 to 105 feet below the collar, Hole No. 2 is at least 10 feet short of the projected hanging-wall zone, and Hole No. 3 cut a low-grade copper-bearing zone from 65 to 75 feet below the collar. Before trying to evaluate the drilling or revising the contract certainly Trenches No. 1 and 2 should be completed and sampled as should Trench No. 4, particularly in the area of the band where you show some mineralization. Also, Trench No. 3 should be attempted. Possibly, you can complete Trenches No. 1 and 2 before the loggers move in for the summer.

An interesting point in connection with Hole No. 1 is that the rotary drill apparently indicated 87 feet of overburden, yet as I recall it, the road cut just 30 feet westerly from the hole and 20 feet lower was in bedrock--somewhat shattered and broken to be sure, but still it was not in loose overburden as I recall. Possibly, a larger diameter hole would give more reliable information. This, of course, is up to you to decide as the Government is not participating in the rotary drilling.

Sincerely yours,

D. N. Maclaren
Acting Field Officer, OME
Region I

cc: Separate cover

DNMaclaren:mls
cc: OME; Maclaren
Reading copies to: Nolan, Hobbs, Guild

OFFICIAL FILE COPY
O. M. E
RECEIVED MAR 2 1962

3/2 800
3/5 Murphy 500

So. 157 Howard Street
Spokane 4, Washington
February 28, 1962

Mr. Kenneth A. Suitor
Secretary
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suitor:

Your letter of February 5, 1962, was greatly appreciated and should not have gone so long unanswered.

I am trying to get all the information of work done under OME and by the company on one map and as soon as I can do so, I will write you more fully. I hope this will be within a week but assure you it will be as soon as possible. At that time I shall return Verne's work sheets and the assays from the drill holes.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:mls
cc: OME w/cy incoming letter (sketches now being made and will be forwarded in near future)
MacLaren w/cy incoming
Reading copies to:
Nolan
Hobbs
Guild

One

OFFICIAL FILE COPY
RECEIVED JAN 18 1962

DATE		
1/18	CEO	
Pat	Murphy	

So. 157 Howard Street
Spokane 4, Washington
January 16, 1962

Mr. Kenneth A. Suitor
Secretary
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
East Fork, et al. Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suitor:

Enclosed are the original and four copies of a proposed Amendment No. 1 (two pages) to the subject contract, signed by the Director for the Government. This amendment granting a recess of contract work because of heavy and deepening snow conditions to start on November 9, 1961, and to end on or before June 15, 1962, was prepared in accordance with your request made to Mr. Maclaren on December 11, 1961, when he visited the property.

If the proposed amendment is satisfactory to you, please sign all copies, retain the Operator's Copy, and return the others to this office. If any part of the amendment does not meet with your approval, please return all copies unsigned with the proposed changes for consideration.

Sincerely yours,

Mary L. Smelser
D. H. Maclaren
For: Acting Field Officer, OME
Region I

Enclosures

MLSmelser:mls
cc: OME
Reading copies to:
Nolan, Hobbs, Guild

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
1/5/62	Murphy	500
	Fairfield	500
1/9/62	Fabiato	800
1/10	GLA	130
1/12	Johnson	110
1-12	Tunick	100
1/15	Cole	220
		500

C.
SOLICITOR

JAN 12 1962

JAN 9 1962

Memorandum

INTERIOR DEPT.

Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Referring to the Operator's letter to you of December 19, 1961, concerning a recess in project work, and your reply of December 26, we are enclosing the original and four copies of a proposed Amendment No. 1 (two pages) to the subject contract, signed by the Director for the Government.

If the proposed amendment is satisfactory to you and the Operator, all five copies should be signed by 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.

/s/ George C. Selfridge (2HB)

Enclosures

GLAult/a
1-5-62
cc to: Director's Reading File
Review Committee
Docket

43683

DRAFT
1/2/62
FMMurphy/gla.

Copy of draft for docket

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OME-6132

AMENDMENT NO. 1

It is agreed this _____ day of _____, 1962, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter referred to as the "Government," and Idaho Copper Mines, Inc., hereinafter referred to as the Operator, that Contract No. 2131 (OME-6132), dated September 21, 1961, is amended effective November 9, 1961, as follows:

1. (a) Work under the contract shall be suspended during the period beginning November 9, 1961, and ending not later than June 15, 1962.

(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 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 date fixed by Article 1 of the contract for completion of the work is extended from 18 months to 26 months.

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

This amendment shall not be construed to increase the amount of any item designated as maximum, the actual or fixed unit cost of any item of work, the estimated total cost of the project, or the aggregate total amount which the Government may be required to contribute.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Director, Office of Minerals Exploration

IDAHO COPPER MINES, INC.

By_____

Title_____

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 28 1961

DATE	INITIALS	CODE
12/28	[illegible]	800
"	[illegible]	500
	Murphy	500

No. 157 Howard Street
Spokane 4, Washington
December 26, 1961

Mr. Kenneth A. Suitor
Secretary
Idaho Copper Mines, Inc.
Box X-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
East For, et al. Claim Groups
Lemhi County, Idaho
Contract 2151

Dear Mr. Suitor:

We are returning under separate cover by Certified Mail the tracings you sent with your November 1961 voucher, and a sepia print of the surface map. It would be helpful and appreciated if Verne could post his geochemical results and the locations of the drill holes with side notes on their findings and return the sepia.

In accordance with the explanation given in paragraph 4 of your November Narrative Report, the 3½ hours bulldozing which was deleted from the October voucher has been reinstated. However, as the contract work has been discontinued and a recess requested, the sum of $30.00 will be withheld. This sum will be released when contract work is resumed.

Sincerely yours,

D. E. Maclaren
Acting Field Officer, OME
Region I

cc: Separate cover
Chief, Fiscal Section w/cy incoming letter 12/19/61
Div. of Admin. Services
Office of the Secretary
Department of the Interior
Washington 25, D. C.

Reading copies to:
Holan, Kobbe, Guild

DEMaclaren:mly
cc: OME(2) w/cys incoming letter 12/19/61
Voucher file Do.
Maclaren Do.

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE
EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

Field Office,
Box K-56,
Salmon, Idaho.
December 19, 1961.

Mr. D. R. MacLaren,
Acting Field Officer, C.M.E.,
So. 157 Howard Street,
SPOKANE 4, Washington.

Dear Mr. MacLaren:

Attached you will find four copies of MME Forms 60 and 61, four copies of a narrative by Mr. L. B. Nelson, together with one Trench Geology Map. The large Geology Map is being forwarded under separate cover.

As discussed during your recent visit, we have been doing considerable work at our own expense. Results of this work will be forwarded when completed.

In view of the heavy snow conditions in the area, making it unpractical to operate we would like to obtain a recess from the Contract as of November 9, 1961 with work to resume on or before June 15, 1962.

Trusting you will find the above in order.

Yours very truly,

IDAHO COPPER MINES, INC.,

K. A. Suitor

K. A. Suitor, Secretary.

RECEIVED
DEC 21 1961
U.S.
SPOKANE, WASH.

Via
Air Mail

OFFICIAL FILE COPY O. M. E RECEIVED NOV 17 1961		
DATE	INITIALS	CODE
11/17	[illegible]	800
"	[illegible]	500
11/20	[illegible]	500

So. 157 Howard Street
Spokane 4, Washington
November 15, 1961

Mr. Kenneth A. Suitor
Secretary
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
East Fork, et al. Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. Suitor:

Yesterday, I had forwarded under separate cover by Certified Mail the tracings you sent with your October 1961 voucher.

Although the invoice from John Jewett & Son of Salmon, Idaho, includes 34 hours bulldozing Trench No. 3, this trench is not included on either the large map or the smaller detailed ones; moreover, the second paragraph of the narrative report states that Trench No. 3 was omitted. Rather than hold up the voucher, I have disallowed $554.00 invoiced for Trench No. 3. This sum can be re-claimed in your next voucher.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

cc: Chief, Fiscal Section
Div. of Administrative Services
Office of the Secretary
Department of the Interior
Washington 25, D. C.

DRMacLaren:mls
cc: OME(2); voucher file
Reading Copies To: Nolan, Hobbs, Guild

Dma

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 16 1961

DATE	INITIALS	CODE
10/16	[illegible]	500
"	Greenbaum	500
10/16	Murphy	500

No. 137 Howard Street
Spokane 4, Washington
October 12, 1961

Air Mail

Mr. Lyman DeStaffany, President
Idaho Copper Mines, Inc.
Suite 210 - 11025 Jasper Avenue
Edmonton, Alberta, Canada

Re: OME-6132 (Copper-Cobalt)
Hunt Park, et al., Claim Groups
Lemhi County, Idaho
Contract 2131

Dear Mr. DeStaffany:

We are forwarding a 3-month supply of Operator's Monthly Voucher and Progress Report, MME Forms 60 and 61.

The completed report forms MME 60 and 61, as well as the narrative, maps, assays and all technical data, should be submitted in quadruplicate for each month in which costs have been incurred under the contract.

Delay in processing can be avoided if reports are submitted promptly to this office.

Sincerely yours,

D. R. Maclaren
Acting Field Officer, OME
Region I

Enclosures

MLSuelzer:mlm
cc: OME; Maclaren
Reading copies to:
Nolan
Hobbs
Guild

OFFICIAL FILE COPY O. M. E RECEIVED SEP 29 1961		
DATE	INITIALS	CODE
9/29	GAL	210
	[illegible]	500
9/29	Merryday	500

So. 157 Howard Street
Spokane 4, Washington
September 25, 1961

Air Mail

Mr. Lyman DeStaffany, President
Idaho Copper Mines, Inc.
Suite 210 - 11025 Jasper Avenue
Edmonton, Alberta

Re: OME-6132 (Copper-Cobalt)
East Fork, et al., Claim Groups
Lemhi County, Idaho

Dear Mr. DeStaffany:

Enclosed are the original and four copies of a proposed contract, signed by the Director for the Government, for exploration on the subject claim groups. The contract consists of MME Form 30, Annex I (four pages), Exhibit A (nine pages), Exhibit B, and maps Plate 1 and Plate 2.

If the terms and conditions of the proposed contract are acceptable, please insert in Article 1(a) the date on or before which work will begin, and on page 3 of Annex I the book and page number on which the location of Mt. Zither No. 1 Claim is located; sign all copies, retain that copy marked "Operator's Copy," and return the rest to this office. If it does not meet with your approval, please return all copies, unsigned, with your comments.

The interest rate of 6½ percent mentioned in Article 1(c) of the contract accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

Returned herewith is the letter addressed to Robert T. Colquhoun of Vancouver, B. C., and the enclosed Balance Sheet which was erroneously mailed to this office.

Sincerely yours,

D. R. Maclaren
Acting Field Officer, OME
Region I

Enclosures

DRMaclaren:mk
cc: OME
Reading copies to: Nolan, Hobbs, Guild

Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
9/20	Murphy	500
	Hanson	500
9/21	[illegible]	130
"	Johnson	110
9/21	Fennel	100
9/21	Cole	220
		500
9/20	Talbot	800

SEP 21 1961

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho

Enclosed are the original and four copies of a proposed contract, signed by the Director for the Government, for exploration on the subject claim groups. The contract consists of MME Form 50, Annex I (four pages), Exhibit A (nine pages), Exhibit B, and maps Plate 1 and Plate 2.

If the contract meets your and the Applicant's approval, kindly insert the starting date in the contract form and have an authorized representative of the corporation sign the original and all copies. Thereafter, distribute the copies in the usual manner.

Please advise the Applicant that the interest rate of 6½ percent in Article 1(c) of the contract accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

If any part of the proposed contract does not have your approval or that of the Applicant 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.

With reference to your examination report of August 17, 1961, you will note we have made some changes from the recommended units and costs, as follows:

The number of assays in Stages I and III were increased, and some change in the units for reaming, casing, and cementing in Stage III were made. With regard to standard core and wire line drilling we have set up this item based on core diameters rather than bit size as there are differences with individual drilling contractors. Also, wire line drilling should be less costly especially in this contract where the wide zone to be drilled may be fractured and hence, more

43683

difficult to core drill using standard or M type core barrel because of caving when the rods are pulled or lowered.

In calculating the cost per foot of core drilling, we have used the average for all depths in the bid by Nichols Core Drilling Co., Inc., for underground drilling. Since we have no bids for the surface drilling, we have allowed the usual differential of 50-cents per foot for such drilling.

If available, please insert the book and page number for Mt. Zither No. 1 Claim in Annex I.

/s/ George C. Selfridge

(242)

Enclosures

FMMurphy:gad 9/20/61
Copy to: Dir. R. File
Review Committee
Docket

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

SALMON
SEP 25
3-PM
1961
IDAHO

POSTMARK OF DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN TO

REGISTERED NO.	NAME OF SENDER
598227	D.M.E.A.,Dept.of the Intr.
CERTIFIED NO.	STREET AND NO. OR P. O. BOX
	WASHINGTON,D.C.
INSURED NO.	CITY, ZONE AND STATE

POD Form 3811 Jan. 1958

C55—16—71548-4

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☐ Show address where delivered

(Additional charges required for these services)

RETURN RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

Kenneth R. Sutor Sec'y Treas

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED	ADDRESS WHERE DELIVERED *(only if requested in item #1)*

IDAHO SEP 25 1961

C55-16-71548-4 GPO

6132 - IDAHO COPPER

OFFICIAL FILE COPY

Date	Surname	Code
9/20	Murphy	500
		~~500~~
9/20	Selfridge	120
		110
		100
9-20	gad	220
		500

SEP 2 0 1961

Registered Mail
Return Receipt Requested

Mr. Kenneth A. Suitor
Secretary-Treasurer
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho

Dear Mr. Suitor:

In accordance with your request of August 30, 1961, enclosed are the four (4) original Quit Claim Deeds Nos. 95035, 95036, 94995, and 95472, that were forwarded to this office. The photostat copies have been placed in the subject file.

Sincerely yours,

/s/ W. R. Griswold (SFB)

Willis R. Griswold, Chief
Division of Minerals

Enclosures 4

FMMurphy:gad 9/20/61
Copy to: Dir. R. File

43683

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE
EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

Field Office, Salmon, Idaho,
August 30, 1961.

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 1 1961

DATE	INITIALS	CODE
		✓ O.C
	Murphy	✓ O.O

Mr. W. R. Griswold, Chief, Division of Minerals,
United States Department of the Interior,
Office of Minerals Exploration,
Washington 25, D.C.

Re: OME-6132 (Copper-Cobalt),
Idaho Copper Mines, Inc.,
East Fork, et al., Claim Groups
Lemhi County, Idaho.

Dear Mr. Griswold:

Thank you for your letter of August 22, 1961, requesting further information for our application.

Attached you will find the original Quit Claim Deeds as well as one photostat copy. The original Deeds have the recording information stamped on the reverse side. We would appreciate having these returned, Registered Mail at your convience.

Note: (No Envelope) OK Z Myers

The Jewitt 1, 4 and 5 claims, which were staked in error and overlap the East Fork group will be allowed to lapse as of August 31, 1961. These were included with the original application because at that time we beleived the application would be processed before the expiry date of the claims. To avoid confusion and duplication of assesment work, and to comply with the Mining Laws of the State of Idaho, these claims are no longer on record.

The claims are in unsurveyed T. 25 N., R. 20 E., Boise Meridian and Base Lines. Our original information was taken from a Forest Service map, which was in error.

Trusting you will find the above information satisfactory, we remain,

Yours very truly,

IDAHO COPPER MINES, INC.,

K. A. Suitor

K. A. Suitor, Secretary.

c/c
File 1
Mr. D.R. MacLaren 1

~~DRAFT~~
9/7/61
FMMurphy/gla

~~Draft~~
~~FMMurphy~~
Docket

MME Form 50
Feb. 1959

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

EXPLORATION CONTRACT
(Long Form)

Docket No.	Commodity	Contract No.	County	State
OME -6132	Copper-Cobalt	14-23-090-	Lemhi	Idaho

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

Idaho Copper Mines, Inc., an Idaho corporation

_____,

whose mailing address is **Box K-56, Salmon, Idaho**, hereinafter called the "Operator," as follows:

ARTICLE 1. 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 9 and Exhibit A, shall either have completed the work within **18** months from the date of the contract or shall have incurred allowable costs (see Article 6) in a sum not less than the total cost set forth in Exhibit A.

(b) The total allowable cost of the work set forth in Exhibit A is $ **88,030.00**. The Government will contribute 50 percent of the allowable costs as they are incurred, in a total sum not in excess of $ **44,015.00** in accordance with the provisions of Articles 3, 4, 5, and 6. "Costs incurred" means costs that have been paid or have become due and payable, or that the Government determines have become obligations.

(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:

Owner

(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:

(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 7 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) Independent contracts.--To the extent that the allowable costs are estimated in Exhibit A with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed (see Article 6(a), Category (1)). Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract, the Government will participate in payments to the independent contractor only as to work performed in accordance with the provisions of this exploration contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) 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.--(a) 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. 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 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. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(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 related costs.

(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 the 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. Costs.--(a) Allowable costs.--The allowable costs of the work to which the Government will contribute are limited to:

(1) the necessary, reasonable, and direct actual costs that are estimated in Exhibit A by categories as specified in this article; and

(2) fixed costs for units of work to be performed (per foot, per hour, etc.) agreed upon in lieu of actual costs and set forth in Exhibit A.

The Government will not contribute to costs under any category or subcategory omitted from the estimate of costs in Exhibit A. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost; any excess over a fixed unit cost; and any excess over the total allowable cost of the work are not allowable. The Operator shall incur such excesses for his own account without contribution by the Government, but the Operator is not obligated to incur more than his agreed percentage of the total allowable cost of the work.

Any category or subcategory or element thereof not designated as a maximum in this article or in Exhibit A may be exceeded, provided that the total allowable cost of the work, which is a maximum, is not exceeded.

CATEGORY (1)--INDEPENDENT CONTRACTS.--(See Article 3(b)). The total of this category and the average unit cost estimated for each type of work to be performed under an independent contract are maximums.

CATEGORY (2)--PERSONAL SERVICES.

Subcategory (a)--Supervision and Technical Services--All elements of this subcategory (number of supervisors, technicians, outside consultants, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)--Labor.

CATEGORY (3)--OPERATING MATERIALS AND SUPPLIES.--Includes such items as drill bits and steel, explosives, fuel, pipe, power, timber, rail, and small tools costing less than $50 each.

CATEGORY (4)--OPERATING EQUIPMENT.

Subcategory (a)--Rental.--The number of each rented item [6 mine cars, 1 truck], the rate of rental [$100 per month, $5 per hour], and the total of this subcategory are maximums.

Subcategory (b)--Purchases.--The total of this subcategory is a maximum.

Subcategory (c)--Depreciation.--All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)--INITIAL REHABILITATION AND REPAIRS.--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

Subcategory (a)--Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).--The total of this subcategory is a maximum.

Subcategory (b)--Initial rehabilitation and repairs of operating equipment.--The total of this subcategory is a maximum.

CATEGORY (6)--NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

CATEGORY (7)--MISCELLANEOUS.--Includes requirements and costs that do not fall within any of the first six categories, such as repairs other than initial and maintenance of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, and communications.

(b) Nonallowable costs.--The Government will not contribute to the following costs:

(1) Costs of the land, such as rental, depreciation, depletion, or other costs of acquiring, owning, or holding possession;

(2) Indirect costs, such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) Previous work performed or costs incurred before the date of this contract; and

(4) Deferred payments.--Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods, unless the purchase agreement is approved by the Government in writing.

(c) Reductions in costs.--The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original total cost. This provision does not apply to receipts from production which are subject to the Government's royalty under the provisions of Article 7.

ARTICLE 7. 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 [redacted] 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 7(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 8. Interests in purchased property.--(a) Title and ownership.--All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions although title thereto shall be taken in the name of the Operator.

(b) Preservation of property.--Until the final disposal of any property in which the Government has an interest, the Operator shall preserve and protect same for the best interest of the Government, and any reasonable and necessary cost thereof will be treated as an allowable cost of the exploration. After the completion of the work, termination of the Government's obligation to contribute, or when such property is not being used for the work, the Operator shall not use it elsewhere without the written consent of the Government and without paying a reasonable rental to be fixed by the Government for its proportionate interest.

(c) Disposal of property.--Upon the completion of the work, termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, sale to others, purchase by the Operator, or sale or transfer to the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government, the Operator shall not sell at any price any item of property that cost more than $500, and shall not sell at less than 25 percent of the purchase price any item of property that cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or offers. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, explosives, pipe, or rail), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item, the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the exploration.

(d) Default of the Operator re disposal.--If within 90 days after the completion of the work, termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may:

(1) in writing extend the time within which the Operator must dispose of or liquidate the property;

(2) by written notice to the Operator, place upon such property what it determines to be a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; and

(3) enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 9. 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 contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to final accounting and reporting; 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 contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to final accounting and reporting; 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 9 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 13.

ARTICLE 10. 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 11. 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 16

ARTICLE 12. 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 13. 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 14. 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 15. 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 16. Changes and added provisions.--

The provisions of Section 301 of Executive Order No. 10925 of March 6, 1961, required to be included in every Government contract are by reference hereby and herein incorporated and made a part of this contract. A copy of said Executive Order is attached to this contract as Exhibit B.

Executed in quintuplicate the day and year first above written.

IDAHO COPPER MINES, INC.
(Operator)

By _____

Title _____

THE UNITED STATES OF AMERICA

By _____
Director, Office of Minerals Exploration

I, _____ (Name), certify that I am the _____ secretary of the corporation named as Operator herein; that _____ (Name), who signed this contract on behalf of the Operator, was then _____ (Title) 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.

_____

[CORPORATE SEAL]

INT.-DUP. SEC., WASH., D.C. 52370

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FMMurphy/gla

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OME-6132

ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of fifty-eight (58) unpatented lode mining claims [redacted] in secs. 23, 26, 33, 34, and 35, T. 25 N., R. 20 E., Boise Meridian. The claims are recorded in the office of the County Recorder at Gibbonsville, Lemhi County, Idaho, as follows:

Claim	Book	Page
Silver-Lead	8	208
Copper Hill No. 1	7	267
" " " 2	8	206
" " " 3	8	207
" " " 4	8	207
" " " 5	8	208
East Fork No. 1	7	621
" " " 2	7	622
" " " 3	7	622
" " " 4	8	334
" " " 5	7	155
" " " 6	7	155
" " " 7	7	156
" " " 8	7	156
" " " 9	7	157

East Fork No. 10	7	157
" " " 11	7	158
" " " 12	7	158
" " " 13	7	159
" " " 14	7	159
" " " 15	7	160
" " " 16	7	160
" " " 17	7	161
" " " 18	7	161
" " " 19	7	162
" " " 20	7	162
" " " 21	7	163
" " " 22	7	163
" " " 23	7	164
" " " 24	7	164
" " " 25	7	165
" " " 26	8	335
" " " 27	8	335
" " " 28	8	336
" " " 1A	8	279-280
" " " 2A	8	280
" " " 3A	8	281

Monette No. 1	1	23
" " 2	1	22
" " 3	1	21
" " 4	1	20
" " 5	1	19
Gap No. 1	1	16
" " 2	1	15
" " 3	1	14
" " 4	1	13
" " 5	1	12
" " 6	1	11
" " 7	1	10
Mt. Zither	8	110
Mt. Zither No. 1	7	
" " " 2	8	111
" " " 3	1	131
" " " 4	1	132
" " " 5	1	133
" " " 6	1	134
Bug No. 1	1	18
" " 2	1	17

Some of the above-listed claims are also recorded in the Courthouse in Salmon, Idaho.

The Operator is the owner of the claims listed above. The locations of the individual claims with reference to groups of claims are shown on [redacted] "Plate 1 - Claim and Assay Map East Fork et al., claims . . . etc.," attached hereto and made part hereof.

DRAFT
FMMurphy/gla

9/7/61

EXPLORATION CONTRACT
IDAHO COPPER MINES, INC.
OME-6132

EXHIBIT A

The purpose of this project is to explore for copper and cobalt ore deposits along a mineralized structure in an area of folded Precambrian Belt Series rocks comprising quartzite, argillite, and phyllite. The work shall include bulldozer trenching, core drilling from the surface, drifting, and either core or long-hole drilling from the drift.

General Provisions

The bulldozer used for excavation of the trenches and the drift portal site shall be not less than D-8 size or equivalent size of any other make.

The drift shall be of a minimum size of 5 by 7 feet in the clear of timber and shall be timbered as necessary, using standard sets with a minimum timber size of 8 by 8 inches or equivalent round timber. Mine rails shall not be less than 20-lb., air lines not less than 2-inch, water lines not less than 1-inch, and ventilation pipe not less than 6-inch.

All significantly mineralized areas traversed in the drift shall be sampled normal to their trends at linear intervals of not more than 10 feet.

Diamond drilling shall be done with standard BX (or larger) size coring bits; wire line equipment may be used, providing the recovered core is approximately equivalent in size. (1-5/8"). When necessary to complete a hole, AX size standard coring bits (1-1/8")

~~diameter core~~ may be used, or wire line equipment giving an approximately equivalent core size. In instances where a hole cannot be completed with AX, size NX may be used. Core barrels used for diamond drilling shall be of such type as to insure a maximum recovery.

Samples shall be taken of drill core, diamond drill sludge (as specified ~~below~~ above) and long-hole drill cuttings that show significant mineralization. Such samples shall represent not more than a 5-foot length of drill hole.

Facilities shall be provided for the ~~sampling~~ collecting of diamond drill sludges and in significantly mineralized areas where the core recovery is less than 60 percent, the sludges (if recovered) shall be sampled.

Each sample shall be split as necessary and then assyed for copper and/or cobalt as may appear advisable. The Operator shall store one split in a suitable container properly identified as to location. The drill core not required for sample purposes shall be stored in properly identified core boxes with markers placed in the sections to indicate the depth represented. The stored samples and core shall be made available for Government inspection and possible use. With prior Government approval, the Operator may dispose of the stored samples and core.

Geological logs of all diamond and percussion drill holes and assay certificates of all samples shall be submitted with the Operator's monthly reports which shall also include a map or

sketch showing the work completed during the reporting period and the location and assay values of the samples.

The Government will not participate in the cost of an incomplete diamond drill hole.

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.

The work shall be divided into three stages. The Operator shall complete all of Stage I work and as much of the succeeding stages as may be approved in advance and confirmed in writing by the Government.

Description of the Work

Stage I

The work shall consist of bulldozing six (6) trenches at the approximate locations shown on Plate 2 attached hereto and made part hereof. Trenches 1 and 3 are designed to expose the footwall zone of the structure, and trenches 2, 4, 5, and 6, the hanging wall zone. Over the target zone each trench shall be bulldozed to such depth and length that the zone may be adequately examined and sampled.

The Government will contribute to the cost of not to exceed 180 hours of bulldozer work, ~~not more than~~ 24 assay determinations each for copper or cobalt, ~~not more than~~ and 3/4 month's supervision under this Stage I of the contract.

Stage II

The location of the work under Stage II is shown on Plate 2 referred to in Stage I.

The work shall consist of drilling nine (9) holes with approximately the following collar locations, bearings, inclinations, and depths 1/:

Hole No.	Collar Coordinates	Bearing (degrees)	Inclination (degrees)	Depth (feet)
1	39630N-39630E	N 30 W	-55	475
2	" "	None	-90	550
3	39610N-40135E	N 30 W	-55	415
4	" "	None	-90	300
5	40240N-39915E	N 30 W	-55	355
6	" "	None	-90	375
7	40360N-40315E	N 30 W	-55	500
8	" "	None	-90	600
9	40580N-40800E	None	-90	380

1/ If data obtained by Stage I work indicate that changes in the listed specifications of the drill holes are warranted, then with Government approval, confirmed in writing, such changes may be made, except that holes 2, 4, 6, 8, and 9 shall be drilled vertically as specified.

Holes 1, 2, 7, and 8 shall be drilled through both the hanging wall [redacted] and [redacted] the footwall zones [redacted]; holes 3, 4, and 9 shall traverse the hanging wall zone a distance of approximately 50 feet; and holes 5 and 6 shall traverse the footwall zone a distance of approximately 50 feet.

The Government will contribute to the cost of not to exceed a drill rig mobilization and demobilization charge of $450.00, 4,150 feet of core drilling, 600 feet of hole reaming, 60 hours of cementing and redrilling, 600 feet of casing, 140 core boxes, and 425 assay determinations for copper and 150 for cobalt under this Stage II of the contract.

Stage III

The location of the work under this stage is dependent on the data obtained under Stage I and Stage II, and shall consist of constructing a combined 16' x 20' frame compressor house and shed, bulldozing a portal site, 800 feet of drifting, and testing the walls of the drift by either diamond core or long-hole drilling.

If either the hanging wall or footwall zone is found to contain ore-grade material of significant width to the exclusion of the other, drifting shall follow that zone in a northeasterly direction. If the entire section between walls is found to contain copper and/or the zones

cobalt in significant amounts, the drift shall be driven about midway between them in a northeasterly direction. The portal of the drift shall be located approximately along the road shown on Plate I between stations 1T-23 and 1T-27.

If the drift is driven midway between the hanging wall and footwall zones, eight (8) core drill holes, averaging 350 feet in depth, shall be drilled from the drift to test the structure. Starting from about 50 feet in from the portal, seven (7) holes shall be drilled into opposite sides of the drift at intervals of about 125 feet. The eighth hole may be drilled on either side of the drift to test a favorable area indicated by prior drilling. All holes shall be inclined slightly above horizontal. If the drift follows the hanging wall or the footwall zone, sixteen (16) holes, averaging 50 feet in depth, shall be percussion drilled approximately horizontal on alternate sides to test the drift walls. ~~Eight (8) holes shall be drilled into each wall.~~ The first hole shall be collared about 50 feet in from the portal and the others at staggered intervals of about 50 feet.

In the event percussion long-hole drilling is approved, a maximum of 800 feet of such drilling ~~at $10.00 per foot~~ shall be allowed. The cost of such drilling will be in lieu of the diamond drilling footage and its costs listed under estimated costs for Stage III.

The Government will contribute to the cost of not to exceed $320.00 for portal preparation, $500.00 for a combined compressor house and tool shed, 800 feet of drifting, 2,800 feet of core drilling, 26 hours of cementing and redrilling, etc. 280 feet each for reaming and casing holes, 90 core boxes, and 280 assay determinations for copper and 70 for cobalt under this Stage III of the contract.

Estimated Costs of the Project

Stage I

Actual Costs

Category (1) Independent Contracts

Bulldozing trenches,

180 hours @ $16.00/hr. $2,880.00

Category (2) Personal Services

None except:

1 Engineer-Geologist-Supervisor,

3/4 month @ $700.00/mo. 525.00

Categories (3) through (6)

None

Category (7) Miscellaneous

None except:

Assaying samples for copper and/or cobalt as indicated:

24 determinations for copper @ $1.50/determination $36.00

Category (7) Miscellaneous (continued)

24 determinations for cobalt

@ $6.00/determination 144.00

Payroll taxes and ~~FICA and other~~ insurance,

16.5% of $525.00 86.63 266.63

Total, Stage I $ 3,671.63

See remarks below SUMMARY Stage II and III

Stage II

Actual Costs

Category (1) Independent Contracts

Mobilization and demobilization of drill equipment $450.00

4,150 feet core drilling 24,900.00

BX @ $6.00/ft.

AX @ $5.40/ft.

EX @ $5.20/ft.

600 feet reaming @ $3.00/ft. 1,800.00

600 feet casing @ $0.70/ft. 420.00

60 hours cementing, re-drilling, etc.

@ $12.00/hr. 720.00 $28,290.00

Category (3) Operating Materials and Supplies

None except:

140 wood core boxes @ $4.00 each 560.00

Category (7) Miscellaneous

None except:

Category (7) Miscellaneous (continued)

Assaying samples for copper and/or cobalt as indicated:		
425 determinations for copper, @ $1.50/determination	$637.50	
150 determinations for cobalt, @ $6.00/determination	900.00	1,537.50
Fixed Unit Costs		
Incidental allowance 1/ for each foot of drilling completed, 4,150 feet @ $0.50/ft.		
Percussion long-hole drilling 3/		2,075.00
Total, Stage II		$32,462.50

1/ Includes all costs whatsoever that are not included in the estimates for Category (1) Independent Contracts, and is in lieu of all other costs, such as supervision, technical services, transportation, payroll insurance, etc., which would otherwise be allowable under Categories (2) through (7) of the contract, except core boxes and sample analyses.

3/ In the event that percussion long-hole drilling is approved in lieu of core drilling, a fixed unit cost of $1.00/ft in lieu of actual costs is allowable for a maximum of 800 feet

Stage III

Actual Costs

Category (1) Independent Contracts

Bulldozing portal site,		
20 hours @ $16.00/hr.	$320.00	
2,800 feet core drilling,	15,400.00	
BX @ $5.50/ft.		
AX @ $4.90/ft.		
EX @ $4.70/ft.		
280 feet reaming,		
@ $3.00/ft.	840.00	
26 hours cementing, re-drilling, etc.,		
@ $12.00/hr.	312.00	
280 feet casing @ $0.70/ft.	196.00	$17,068.00

Category (2) Personal Services

1 Engineer-Geologist-Supervisor	
7 months @ $700.00/mo.	4,900.00

Category (3) O erating Materials and Supplies

None except:	
90 wood core boxes @ $4.00/each	360.00

Category (6) New Buildings

None except:	
Construct a ~~16' x 20' frame~~ combination compressor house and tool shed (~~the completed job is~~ a unit)	500.00

Category (7) Miscellaneous

None except:

Assaying samples for copper and/or cobalt as indicated:

360 determinations for copper @ $1.50/determination	$540.00	
100 determinations for cobalt @ $6.00/determination	600.00	
Payroll taxes and ~~FICA and other~~ insurance 16.5% of $4,900.00	808.50	$1,948.50

Fixed Unit Costs 2/

800 feet drifting, @ $30.00/ft.	24,000.00	
400 feet timbering, @ $7.80/ft.	3,120.00	27,120.00
Total, Stage III		$51,896.50

2/ Includes all costs whatsoever that are not included in the estimates for Categories (1), (2), (3), (6), and (7), and is in lieu of all other costs, such as labor, material and supplies, operating equipment, ~~[illegible]~~ etc., which would otherwise be allowable under Categories (2) through (7) of the contract.

3/

S U M M A R Y

Total Estimated Cost Stage I	$ 3,671.63
Total Estimated Cost Stage II	32,462.50
Total Estimated Cost Stage III	51,896.50
Total Estimated Cost of Project (rounded)	$88,030.00
Government Participation @ 50%	$44,015.00

OK

Rewrite of Stage II & III below

State II

Actual Costs

Category (1) Independent Contracts

Mobilization and demobilization of drill equipment	$ 450.00	
4,150 feet core drilling BX @ $6.00/ft. AX @ $5.40/ft. NX @ $5.20/ft.	24,900.00	
600 feet reaming @ $3.00/ft.	1,800.00	
600 feet casing @ $0.70/ft.	420.00	
60 hours cementing, redrilling, etc., @ $12.00/hr.	720.00	$28,290.00

Category (3) Operating Materials and Supplies

None except:		
140 wood core boxes @ $4.00 each		560.00

Category (7) Miscellaneous

None except:		
Assaying samples for copper and/or cobalt as indicated:		
425 determinations for copper, @ $1.50/determination	637.50	
150 determinations for cobalt, @ $6.00/determination	900.00	$ 1,537.50

Fixed Unit Costs

Incidental allowance 1/
for each foot of drilling
completed, 4,150 feet
@ $0.50/ft. $ 2,075.00

Total, Stage II $32,462.50

Stage III

Actual Costs

Category (1) Independent Contracts

Bulldozing portal site,
20 hours @ $16.00/hr. $ 320.00

2,800 feet core drilling, 15,400.00
8X @ $5.50/ft.
8X @ $4.90/ft.
8X @ $4.70/ft.

280 feet reaming,
@ $3.00/ft. 840.00

26 hours cementing, redrilling,
etc., @ $12.00/hr. 312.00

280 feet casing @ $0.70/ft. 196.00 $17,068.00

Category (2) Personnel Services

1 Engineer-Geologist-Supervisor

7 months @ $700.00/mo. 4,900.00

Category (3) Operating Materials
and Supplies

None except:

1/ Includes all costs whatsoever that are not included in the estimates for Category (1) Independent Contracts, and is in lieu of all other costs, such as supervision, technical services, transportation, payroll insurance, etc., which would otherwise be allowable under Categories (2) through (7) of the contract, except core boxes and sample analyses.

Category (3) Operation Materials and Supplies (continued)

90 used core boxes @ $4.00/each		$ 360.00

Category (7) Miscellaneous

None except:

Assaying samples for copper and/or cobalt as indicated:

360 determinations for copper @ $1.30 determination	$ 340.00	
100 determinations for cobalt @ $6.00/determination	600.00	
Payroll taxes and insurance 16.5% of $4,900.00	808.50	$ 1,948.50

Fixed Unit Costs 2/

Construct a combination compressor house and tool shed (the completed job is a unit)	$ 500.00	
800 feet drifting, @ $30.00/ft.	24,000.00	
400 feet timbering, @ $7.80/ft.	3,120.00	$27,620.00

Percussion long-hole drilling 3/

Total, Stage III $51,896.50

2/ Includes all costs whatsoever that are not included in the estimates for Categories (1), (2), (3), and (7), and is in lieu of all other costs, such as labor, material and supplies, operating equipment, etc., which would otherwise be allowable under Categories (2) through (7) of the contract.

3/ In the event that percussion long-hole drilling is approved in lieu of core drilling, a fixed unit cost of $1.00/ft. in lieu of actual costs is allowable for a maximum of 300 feet.

OFFICIAL FILE COPY

Date	Surname	Code
8/22	Murphy	500
	Cy Clark	120
8/22	Johnson	110
8/22	Francis	100
8/22	gad	220
		500

AUG 2 2 1981

Mr. Kenneth A. Suitor
Secretary-Treasurer
Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho

Dear Mr. Suitor:

Under "Item 2. Applicant's Rights In Land," submitted with the above-referenced application, the information we require is incomplete regarding the recording data. Therefore, will you kindly submit the name of the place where the following claims were recorded, giving the book and page number of the individual claims in the Monette, East Fork, Jewitt, Gap, Bug, Zither, and Copper Hill claim groups. Also, will you kindly send us one copy each of the deeds or other legal instruments pertaining to Idaho Copper Mines, Inc.'s ownership of these groups.

Under "Item 3. Physical Description," you give the location of the claims as being in secs. 23, 26, 33, 34, and 35, T. 3 S., R. 20 W. According to our data, the claims are in unsurveyed T. 25 N., R. 20 E., Boise Meridian and Base Lines. Will you kindly clarify this matter.

Upon receipt of the above information, we will immediately continue to process the subject application.

Sincerely yours,

W. R. Griswold (gla)

W. R. Griswold, Chief
Division of Minerals

FMMurphy/gla
8-22-61
cc to: Director's Reading File
Region I (2)
Docket

43683

One

OFFICIAL FILE COPY O. M. E RECEIVED AUG 21 1961		
DATE	INITIALS	CODE
8-21	gad	110
8-21	[illegible]	130
8-21	[illegible]	100
"	[illegible]	500
	Murphy	

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
August 17, 1961

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Application examination report, Docket No. OME-~~1692~~ 6132 gad (Copper-Cobalt), Idaho Copper Mines, Inc., East Fork, et al., Claim Groups, Lemhi County, Idaho.

INTRODUCTION

Idaho Copper Mines, Inc., Box K-56, Salmon, Idaho, applied for OME aid to explore for copper-cobalt ore in the Mineral Hill or Indian Creek Mining District, T. 25 N., R. 20 E. B.M. (Unsurveyed), Lemhi County, Idaho. As given in the application, the proposed work is in parts of secs. 23, 26, 33, 34, and 35, T. 4 S., R. 20 W.; however, a check with three different maps indicate that this location is in eastern Oregon. The applicant proposes to explore by driving a drift for 800 feet along a mineralized zone and diamond drilling the walls at 100-foot centers; by driving a second drift stratigraphically lower than the first for 1,000 feet, diamond drilling the walls as in the first drift. In each of four other areas he proposes to conduct geophysical and geochemical traverses in conjunction with trenching which, if successful, would be followed by diamond drilling. The estimated cost of this proposal is $100,000.

This entire property was the subject of a prior application by Gramlich Minerals, Inc., Docket No. DMEA-5023, which was denied after a thorough examination by William C. Prinz, Geologist, U. S. Geological Survey. In his report under the heading "Summary and Recommendations" Prinz, after recommending denial of the application says: "This denial should be without prejudice because even a limited amount of additional work could possibly reveal highly favorable targets."

Since Prinz's examination, the present applicant has bulldozed several trenches and a few thousand feet of road and has driven a short tunnel along a newly discovered mineral-bearing zone. He has opened up an old tunnel not seen by Prinz. An examination,

also - quit claim deeds

Maps in envelope - left side marked OME-6132, the other maps were submitted by applicant.

ON-SITE EXAM. REP.

which was limited to the new work, was made July 20, 1961, in the company of Kenneth A. Suitor, Manager, and LaVerne B. Nelson, Geologist. Formerly, Mr. Nelson was geologist for Calora Mining Company. About 7 hours was spent on the property.

In view of Prinz's excellent report, this will be limited to sections on "Conclusions and Recommendations," "Geology," "Recommended Program," and "Costs."

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that a northeasterly dipping zone about 300 feet thick and apparently bounded by fairly strong copper-bearing zones is worthy of further exploration. It is further concluded that outside of this area the geochemical, geophysical, trenching, and drilling work proposed by the applicant would in fact be in the nature of prospecting for exploration targets. This conclusion was discussed with the applicant's representatives and they concur.

A three-stage program estimated to cost $92,727.63, of which the Government's share is 50 percent or $46,363.81, is recommended.

Stage I involves trenching at an estimated cost of $3,626.63, Stage II, depending upon favorable results of Stage I involves diamond drilling from the surface at an estimated cost of $37,688., and Stage III depending upon the favorable results of Stages I and II, involves drifting and underground diamond drilling at an estimated cost of $51,413.

GEOLOGY

The geology of the area, including the East Fork, et al., claims has been described by:

Umpleby, J. B. (1913), Geology and ore deposits of Lemhi County, Idaho: U. S. Geol. Survey Bull. 528

that of the southwestern part of the property has been described by:

Kaiser, E. P. (1956), Preliminary report on the geology and deposits of monazite, thorite, and nobium-bearing rutile of the Mineral Hill District, Lemhi County, Idaho: U. S. Geol. Survey Open File Report

and that of the entire property has been described by:

Prinz, William C. (1958), Application examination report, Docket No. DMEA-5023 (Copper-Cobalt), Grunlich Minerals Inc., East Fork, et al., claims, Lemhi County, Idaho.

The claims (pl. 1) are in an area of folded Precambrian Belt rocks comprising grey fine-grained quartzite, argillite, and phyllite. Older Precambrian quartz-feldspathic gneiss, porphyroblastic gneiss, amphibolite and similar rocks are found about a mile south of the Mt. Zither Group and quartz-monzonite rocks of the Late Cretaceous Idaho batholith are found about 14 miles to the north, 6 miles to the south and 20 miles to the west of the property.

Prinz states that the strongest mineralization he saw was in the Leslie O. Smith adit, which the applicant calls the Cobalt Drift. According to Prinz:

> "The vein here usually consists of 5 to 11 inches of quartz malachite, and erythrite, but in places pinches to a thin seam of gouge. DMEA samples 865 and 866 of the better parts of the vein assayed 0.60 and 0.82 percent cobalt and 0.34 and 0.38 percent copper, respectively."

The Cobalt Vein strikes N. 70° W. and dips 44° SW.

Since Prinz's examination logging roads and a reopened old tunnel have exposed spotty and erratic copper mineralization within a zone about 300 feet wide that appears to be bounded by better mineralized footwall and hanging-wall zones. No cobalt mineral was noted. The footwall zone is best exposed where the road has been widened near station 1T-22 (pl. 2). Due to overburden and sloughing the dip and strike of the zone are difficult to determine but appear to be about N. 58° E. and 35° SE., respectively. Mineralization is mostly malachite, but some fairly fresh chalcopyrite was noted. The mixed oxides and sulfides were more abundant in a zone about 2 feet wide with decreasing amounts of both minerals extending out into both walls. The entire footwall zone was as much as 10 feet wide. Nine samples, taken by the applicant at random within this zone, averaged 2.3 percent copper. The road cut east of and above this exposure is not deep enough below the overburden to expose as definite a zone of mineralization, but copper oxides were noted in the vicinity of station 1T-14. The footwall zone has not been traced further to the northeast.

The hanging-wall zone was first noted in the most easterly of the road cuts (pl. 2). The applicant bulldozed a fairly deep trench below this exposure wide enough for a portal site and started a drive along the best showing (pl. 3). The trench exposed a zone about 50 feet wide containing streaks of malachite and small amounts of chalcopyrite, between which there are varying degrees of copper oxide staining. The main tunnel has been driven for about 120 feet bearing N. 77° E. About 55 feet from the portal a crosscut was driven about 40 feet bearing N. 42° E.

In the main drift there are two "lenses" of copper concentration, both striking about N. 65° E.; the first "lens" dips from 45° to 50° SE. and the second from 33° to 36° SE. Each "lens" is broken into short segments by a series of small displacement faults that strike northerly and dip from vertically to 60° westerly. The "lens" nearest to the portal is considerably higher grade than the second one; from the former, 4-car samples averaged 0.98 percent copper and 28 cut samples averaged 2.20 percent copper, and from the latter, 4-car samples averaged 0.32 percent copper and 14 cut samples averaged 0.60. No assays of car samples were reported from the first 43 feet of the drift, but 23 of the cut samples were taken within that distance which largely accounts for the discrepancy between the assays of the cut and car samples taken from the first "lens."

The crosscut exposes a gabbro dike and a third "lens" of copper concentration comprising malachite and considerable chalcopyrite. This "lens" is also slightly offset by a northerly striking fault which dips 60° westerly. Nine cut samples from this "lens" ranged in grade from a trace to 5.5 percent copper and averaged 0.93 percent.

Because of the limited exposure it is not known to what extent, if any, the gabbro dike may have controlled the copper deposition. The only place the dike has been observed is in the tunnel.

The term "lens" in the above paragraphs is used loosely to describe streaks containing considerably more malachite and chalcopyrite than do the other parts of the drift. The copper mineralization is actually due to replacement in more receptive beds rather than to true fissure filling.

The old tunnel near station 1T-26 (pl. 2) was accessible. It is located about 120 feet northwesterly from the projected position of the hanging-wall zone. There is no record of when the tunnel was driven but that it is an old working is suggested by the presence of wooden rails. Some malachite and copper-oxide staining which appeared to be confined to certain beds and cross fractures were observed. Only one or two small grains of chalcopyrite were noted. Whether the copper mineralization in the old tunnel is due to original replacement of the wall rock or is secondarily derived from the nearby hanging-wall zone could not be determined with certainty, but from the presence of limited amounts of chalcopyrite and the fact that some weak oxide mineralization was noted at intervals along the two road segments that include both walls, it is more probably due to primary replacement.

At many places along the road between the projected positions of the footwall and hanging-wall zones copper-oxide stains, some malachite, and occasionally chalcopyrite were noted. Although iron oxides are abundant in the two tunnels, the presence of relatively fresh chalcopyrite within a few feet of the surface and the absence of any appreciable amount of iron-oxide-stained pits within the rocks do not suggest deep leaching, and the finding of a zone of secondary chalcocite is not probable. However, there is a possibility of other zones of replacement between the hanging-wall zone and footwall zone and should these zones of replacement be sufficiently wide, close enough together, and maintain an average grade of 1 or 2 percent copper, there might be an ore body minable by open cut methods in this area. It is also possible that the hanging-wall and footwall zones, either or both, may maintain sufficient width and grade to result in ore bodies minable by underground methods. Presently, the hanging-wall zone is the more promising.

RECOMMENDED PROJECT

Because of the indefinite strike, dip, and continuity of the hanging-wall and footwall veins and the apparently abundant cross faulting it would be expedient to proceed with some caution. Therefore, a three-stage program, with Stages II and III to be dependent upon the results of the preceding stage is recommended.

Stage I should provide for bulldozing 6 trenches averaging 150 feet long at the approximate locations shown on plate 2. The purpose of trenches 1 and 2 is to expose and trace the footwall zone; that of trenches 3, 4, 5, and 6 to expose and trace the hanging-wall zone.

If either or both of these zones are found to be continuous and to contain promising amounts of copper mineral, Stage II should provide for the drilling of 9 surface diamond drill holes at the approximate locations, bearings, and inclinations and to the approximate depths shown on plate 3 and sections AA', BB', CC', DD', and EE'. Four of the diamond drill holes are to be drilled at -55° on a bearing of N. 30° W., and 5 are vertical. Drilling may be started as soon as the trench on which it is based has been completed providing the findings in the trench justify it. From any station the inclined hole shall be drilled first and the vertical hole shall not be drilled unless justified by the results of the inclined hole. One exception to this recommended procedure is hole 9 which will be drilled last and only if prior drilling justifies it.

Stages I and II could result in justification for further exploration by drifting and underground diamond drilling or long hole drilling. However, it is not possible at this time to indicate a

location for a drift portal. If either the hanging-wall or footwall zone should be found to contain ore-grade material of minable width to the exclusion of the other, drifting should follow that zone. Should the entire section from hanging wall to footwall be found to contain copper in amounts that could be mined by open-pit methods, the drifting should be done along that zone about midway between the hanging wall and footwall. In any case, if drifting is found to be justified, it should be accompanied by long hole drilling or diamond drilling of the wall rock to determine the thickness of the potential ore zone. If the present tunnel were continued, it would make only 100 feet of backs in the first 300 feet, and only 200 feet in the next 500 feet of drift. Therefore, after discussion with the applicant's representatives and their concurrence, this drift would not be extended in any case.

Stage III should provide for 800 feet of drifting from a portal site and at a bearing to be selected after completion of Stages I and II. The portal would probably be located along the road between stations 1T-22 to 1T-27 or its continuation easterly to the hanging wall. The following provisions should also be made:

A. If the tunnel follows the hanging-wall or footwall zone, 16 long holes averaging 50 feet long may be drilled at 100-foot centers into the drift walls, 8 holes into each wall.

B. If the tunnel is driven about midway between the hanging-wall and footwall zones, 8 diamond drill holes averaging 350 feet long may be drilled at 175-foot centers into the drift walls, 4 holes into each wall.

COSTS

Stage I

Trenches 1 and 2, being along the road, will probably be completed in about 1 day each, but at trenches 3 through 6 there will probably be considerable overburden. Also because of the questionable accuracy of the indicated projections of the hanging-wall and footwall zones, there may be some necessity even in the first two trenches, to exceed the estimated trench length. Once two points are established depth of overburden will be the only relatively unknown. It is therefore estimated that an average of 2.5 days or 20 hours will be required to complete each trench, including moving from site-to-site. The applicant states that the local rate for a D-8 Cat with Operator, including fuel oil and maintenance is $18/hr. However, it is believed this is a little high and the $16/hr is more realistic.

1. Independent contracts		
Bulldozing, 180 hrs at $16/hr		$2,880.00
2. Labor and supervision		
1 engineer-geologist-supervisor, 3/4 mo at $700		525.00
3. - 6., inclusive		none
7. Miscellaneous		
Assaying		
18 samples assayed for copper and/or cobalt as indicated		
24 ~~18~~ determinations for copper at $1.50/determination	$ 27.00	
24 ~~18~~ determinations for cobalt at $6/determination	108.00	135.00
FICA and other ins. 16.5% of $525.00		86.63
Total - Stage I		$3,626.63

Stage II

The drilling bids submitted by the applicant are for underground holes; the cost of surface drilling is usually about $0.50 to $1.00 per foot more depending upon the size and depth of hole. These costs have been fairly constant for some time, and it is believed that if drilling is put on an actual cost basis, the estimate below is reasonable. The ground to be drilled is similar to that drilled at Calera (DMEA-5143 and DMEA-5020) and to that proposed to be drilled at Capital Seaboard (DMEA-4906). The average price per foot for not less than AX size holes on these projects was $6.96, $7.00, and $7.00, respectively. The average cost per foot for EX and AX underground drilling as given in the three bids is $6.58 and $6.05, respectively; therefore, $7.50 per foot for EX and $7.00 per foot for AX would appear to be a reasonable allowance for surface drilling. However, at a conference in the Spokane office during the evening of August 11, Mr. Suitor stated that providing wire line equipment could be obtained, he would prefer to use that rather than conventional rods and that if possible he would drill entirely with EX, reducing to AX only if necessary. According to the Spokane office of the Bureau of Mines, wire line drilling is supposed to be less costly than conventional drilling but that in their experience this has not always been the case. They also advise us that different manufacturers make slightly different sized bits. Therefore, it is recommended that the contract provide that the Operator may use either wire line or conventional rods at the same price.

Av. 20 ft drilling/shift; 207.5 - say 208 days; 8.3 - say 8 mos

1. Independent contracts

Diamond drilling

EX or EXWL	4,150 ft at $7.50/ft	
AX or AXWL	4,150 ft at $7.00/ft	$31,125.00
Mobilization		450.00
Reaming, 1,000 ft at $3/ft		3,000.00
Cementing, redrilling, etc., 40 hrs at $12/hr		480.00
Casing, 400 ft at $0.70/ft		280.00
Core boxes, 140 at $5 each		700.00
		$36,035.00

cat. 3

Stage II (Cont'd.)

2. Labor and supervision

1 engineer-geologist-supervisor
1 mo at $700/mo ? 8 months surface drilling $700.00

3. - 6., inclusive none

7. Miscellaneous

Assaying

(Sample each 10 ft of core or sludge)

425 determinations for copper at
$1.50/determination $637.50

150 determinations for cobalt at
$6/determination 900.00 $1,537.50

FICA and other insurance 16.5% of $700 115.50

$1,653.00

Total - Stage II $37,688.00
700.00
$38,388.00

Stage III

Portal site

1. Independent contracts

Portal site bulldozing 20 hrs at
$16/hr $320.00

Drifting

800 ft (5' x 7' in the clear) 50 - 120

(Estimated 5 ft advance/shift, 25 shifts/mo -
120 ft/mo--6.6, say 7 mos). 200 ft/mo.

1. Independent contracts none

Stage III (Cont'd.)

2. Labor and supervision

2 miners at $2.75/hr or $22/day	$44.00	
1 surface man at $2.25/hr or $18/day	18.00	
1 engineer-geologist-supervisor, 7 mos at $700/mo - $28/shift	28.00	(per shift) $90.00
Plus FICA and other ins. at 16.5%		14.85
		$104.85

(Or $20.97, say $21.00/ft)

3. Operating equipment (to be supplied by operator)

	Estimated value	Depreciation allowance
1 - S160 International truck (4x4)	$4,000.00	$ 66.66
1 - Gardner-Denver Compressor (600 cfm)	7,500.00	125.00
1 - Eimco 12B Mucking Machine	3,200.00	53.33
2 - 20 cu ft Wabi side dump mine cars - $240 each	480.00	8.00
1 - Atlas Copco jackleg drill	350.00	5.83
1 - Atlas steel grinder	140.00	2.33
1 - Air receiver	450.00	7.50
1 - Water receiver	250.00	4.16
800 ft 1" plastic water line	96.00	1.60
Total		$274.41/mo
	at 120 ft/mo	$2.28/ft

Stage III (Cont'd.)

4. Supplies (per 5-foot round)

Powder, 40 lbs at $25/100 lbs	$10.00	
Caps, 18 at $0.03/cap	0.54	
Fuse, 144 ft at $0.02/ft	2.88	
Steel, 1 steel replaced/300 ft at $16, 90 ft/round	4.80	
Bits, 300 ft/bit at $20--90 ft/round	9.60	
Rail, 20# plus fishplates, bolts, spikes at $1/ft (discount 50%--no salvage)	2.50	
Ties, 3-3/4 each at $0.40	1.50	
Gas, oil, diesel fuel, etc.	8.00	
Air pipe and fittings, 2" at $1/ft (discount 50%--no salvage)	2.50	
Air hose, 3/4" - 100 ft at $0.69/ft	0.43	
Water hose, 1/2" - 100 ft at $0.59/ft	0.37	
Repair parts, $1/ft	5.00	
Total	$48.12 or $9.62/ft	

5. Rehabilitation and repairs — none

6. New buildings

Compressor house and tool shed 16' x 20' frame — $500.00

7. Miscellaneous

Assaying - samples at 10-foot intervals

80 determinations for copper at $1.50/determination	$120.00	
30 determinations for cobalt at $6/determination	180.00	$300.00

Timber

It is estimated that about half the drift or 400 feet of timber might be required. This would require 80 sets on 5-foot centers. It is estimated that breaking and mucking a larger cross section, framing, standing, blocking, and lagging for 3 sets of timber or 15 feet, will require 1 shift, or a total of 26.7, say 27 days or 1.08 months.

1.	Independent contracts		none
2.	Labor and supervision		
	2 miners, 27 days at $22/day	$1,188.00	
	FICA and other insurance, 16.5%	196.02	$1,384.02
3.	Operating equipment - 1.08 months		none
4.	Supplies		

162 posts	8"x8"x7'	6,048 bf		
81 caps	8"x8"x6'4"	2,736 bf		
162 girts	4"x4"x4'4"	936 bf		
1,000 lagging	2"x12"x5'	10,000 bf		
		19,720 bf at $80/M	$1,577.60	
For blocks and wedges plus 5% of $1,577.60			78.88	$1,656.48
Gas, oil, diesel fuel, etc.				$ 80.00
Total				$3,120.50

(at 400 ft or $7.80/ft)

Drilling

If the drift is driven to explore the zone from hanging wall to footwall, provision should be made for diamond drilling each wall at 175-feet intervals, starting 50 feet in from the portal. The horizontal width of the zone is about 700 feet; therefore, 8 holes (4 into each wall) averaging 350 feet deep or 2,800 feet will be required. Holes will be BX, dropping to AX, if necessary.

1. Independent contracts

Core drilling		
2,800 ft BX holes $6.50/ft		
~~1,400~~ ft AX holes $6/ft	$18,200.00	
Cementing, redrilling, etc., 26 hrs at $12/hr	312.00	
Reaming, 280 ft. at $3/ft	840.00	
Casing, 280 ft at $0.70/ft	196.00	
Core boxes, 93 at $5 each	465.00	$20,013.00

2. - 6., inclusive — none

7. Assaying

Sample each 10 ft		
80 drift ~~280~~ determinations for copper at $1.50/determination	$420.00	
30 70 determinations for cobalt at $6/determination	420.00	$840.00

Long hole drilling

If the drift is driven along one of the wall zones, long hole drilling will be used instead of core drilling. The long holes should be spaced at 100-foot intervals starting 50 feet in from the drift portal and should average 50 feet in length; sixteen 50-foot holes or 800 feet will be required. At $1.00 per foot, long hole drilling will cost $800.00, but as this is less than the amount provided for diamond drilling which will not be done if the drift is along the hanging wall or footwall zone, it is not added as a unit element of the total estimated cost of Stage III.

SUMMARY

(Stage III)

Portal preparation	20 hours Ind. cont cat 1	$ 320.00
Compressor house and tool shed	cat. 6	500.00
Drifting, 800 ft at $32.90	Fixed unit	26,320.00
Timbering, 400 ft at $7.80/ft	" "	3,120.00
Diamond drilling	- Ind. cont.	20,013.00
Assaying	cat. (7)	1,140.00
Total - Stage III		$51,413.00

Stage I	0.90 mos	$ 3,626.63
Stage II	8.00 mos	37,688.00
Stage III	7.00 mos	51,413.00
Total	15.92, say 16 mos	$92,727.63

Government's participation at 50 percent $46,363.81

Enclosures
Distribution:
OME(3)
USGS(SRO)
Docket
MacLaren

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 17 1961

DATE	INITIALS	CODE
7-17	gad	V-10
"	~~Received~~	100
7/17	Murphy	100

Re. 157 Howard Street
Spokane 4, Washington
July 13, 1961

Air Mail

Mr. Lyman DeStaffany, President
Idaho Copper Mines, Inc.
Suite 210 - 11025 Jasper Avenue
Edmonton, Alberta

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mine
Lemhi County, Idaho

Dear Mr. DeStaffany:

I expect to arrive at Salmon, Idaho, the afternoon or evening of Wednesday, July 19, and to make an examination of your property the next day. While in Salmon, I will stay at the Sunscreat Motel.

As the same property was examined rather thoroughly in connection with a DMEA application and has also been examined by the Cobalt Commodity Geologist of the U. S. Geological Survey, I believe my pending inspection can be more or less limited to any work that has been done since June 1958, particularly in the area of your proposed tunnels.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

cc: K. A. Suitor, Secretary
Idaho Copper Mines, Inc.
P. O. Box E-56
Salmon, Idaho

(See Docket No. DMEA-5023, Cobalt-Nickel, Granitch Minerals, Inc. Ulysses, North Fork and East Fork Claims, Lemhi County, Idaho, denied)

DMacLaren:mls
cc: OME: MacLaren
Reading copies to:
Nolan, Bobbs, Guild

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE

EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

OFFICIAL FILE COPY
O. M. E
RECEIVED JUL 13 1961

DATE	INITIALS	CODE
7-13	gad	VVO
"	[illegible]	500
"	[illegible]	500

Field Office, Salmon, Idaho.
July 8, 1961.

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

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.,
East Fork, et al., Claim Groups
Lemhi County, Idaho.

Dear Sirs:

Thank you for your letter of June 23, 1961, advising our application has been reviewed and referred to Mr. MacLaren in Spokane.

At the time we made application for assistance in exploration of the above captioned Claim Groups our interest in the East Fork Nos. 1 through 28 claims was 70%. Since the application was filed we have obtained ownership of the remaining 30% as recorded in the Salmon Recording Office, Book 8, Page 148.

Attached you will find copies of bids from two independent diamond drilling contractors. To date we have not received bids from the other two companies which requested permission to bid on the job. These will be forwarded when received at this office.

We are taking the liberty of sending two copies of this letter and enclosures to the Regional Office. Trusting you will find the above information satisfactory, we remain,

Yours very truly,

IDAHO COPPER MINES, INC.,

Kenneth A. Suitor

K. A. Suitor, Secretary.

C.C.
File 1
Mr. D.R. MacLaren 2
H.O. 1

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/22	Murphy	500
	[illegible]	500
6/23	Talbut	800
6/23	Selfridge	130
"	[illegible]	110
6/23	Fumich	100
6/23	gad	220
		500

JUN 2 3 1961

Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho

Gentlemen:

Your application for assistance in exploring the subject claim groups has been reviewed by the Division of Minerals of the Office of Minerals Exploration and referred to Mr. D. R. MacLaren, Acting Field Officer, OME, Region I, South 157 Howard Street, Spokane 4, Washington.

We note that you own 70 percent of the East Fork Nos. 1 through 28 claims; in this case, we require five copies of MME Form 52, Lien and Subordination Agreement, signed by the owner or owners of the other 30 percent. Enclosed are six copies of the form; the extra copy may be retained by you or the signers. If additional copies are needed, they may be obtained from Mr. MacLaren. The signed forms may be submitted to either the Regional office or this office. If your share of the claims is held under a lease or purchase agreement, a copy of such instrument should also be submitted.

code change
see app. earlier
Letter July 8/61

With respect to the proposed diamond drilling, we require copies of bids from three independent contractors for such work. — received July 8/61

The Regional Office will notify you in case additional information concerning the application is needed.

Sincerely yours,

George Fumich, Jr.

Director

Enclosures

FMMurphy/gla
6-22-61
cc to: Director's Reading File
Review Committee
Region I (2)
Docket

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/22	Murphy	500
	[illegible]	500
6/23	Lafhuts	800
6/23	[illegible]	130
"	Johnson	110
6/23	Tenneck	100
6/23	gad	220
		500

JUN 2 3 1961

Memorandum

To: Acting Field Officer, Region I
FROM:
Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
East Fork, et al., Claim Groups
Lemhi County, Idaho

The captioned application is referred to you for review, a field examination if deemed advisable, and recommendations.

The Applicant's proposal to extend the "B" drift and diamond drill into the footwall and hanging wall to determine the width and mineral value of the zone in our opinion merits consideration. However, the Applicant's proposal to test other areas in secs. 23, 26, 33, and 35 could be merely prospecting for favorable zones.

In the event the Applicant should carry out the soil testing and self-potential surveys mentioned in the application and the results indicated favorable exploration areas, then an executed contract covering a small basic program, such as mentioned in the above paragraph, could be amended to include additional exploratory work in these new areas.

In the event a field examination is made, please check, if possible, whether there is any evidence of deep leaching in this area as was noted on the Calera deposits (DMEA-3143). This factor would be important in judging the results of the Applicant's surface testing.

In reviewing the Applicant's summary of estimated costs the $20.00 per foot for drifting appears low in comparison to that allowed under the Calera contract. The Applicant should be advised that OME does not contribute to rental rates of equipment owned by an operator; it contributes its share for monthly depreciation of such equipment based on a 60-month life; and OME does not share in the cost of any buildings, roads, et cetera, that exist at the time a contract is executed.

In the event you recommend a contract, please list the claims to be subordinated and give their recording data.

FMMurphy/gla
6-22-61

/s/ George C. Selfridge

cc to: Director's Reading File
Review Committee
Docket

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

So. 157 Howard Street
Spokane 4, Washington
June 19, 1961

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 21 1961

DATE	INITIALS	CODE
6/21	gad	VVO
"	Eckwald	VOO
	Murphy	VOO
		120

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: OME-6132 (Copper-Cobalt)
Idaho Copper Mines, Inc.
Idaho Copper Mine
Lemhi County, Idaho

Enclosed is a copy of a recent unaudited financial statement received from the subject applicant.

This application is for aid to explore the same property that was the subject of a prior application in Docket No. DMEA-5023 (Cobalt-Nickel), Gramlich Minerals, Inc., Lemhi County, Idaho, which was denied. However, in view of the fact that the present applicant has done some more work on the property since the last examination, it is recommended that the application be referred to the field for another look.

D. R. MacLaren

Enclosure

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 19 1961

DATE	INITIALS	CODE
6/21		200
		120
		110
		100
		500
		220

So. 157 Howard Street
Spokane 4, Washington
June 16, 1961

Mr. Mott

Mr. Lyman DeStaffany, President
Idaho Copper Mines, Inc.
Suite 210 - 11025 Jasper Avenue
Edmonton, Alberta

Re: Application for OME assistance
Idaho Copper Mines, Inc.
Idaho Copper Mine
Lemhi County, Idaho

Dear Mr. DeStaffany:

I am sorry I was in the field when you called at the Spokane office June 12, 1961, and thank you for your letter of that date.

Your misunderstanding regarding the steps necessarily followed when we receive an application is regrettable. I have made it almost a matter of routine to outline these steps for every potential applicant who calls at the office. Each application must first be forwarded to our Washington office for review to determine, among other things, whether certain basic data without which it is impossible to proceed, is present. If such data is missing, the applicant is requested to furnish it before this application can be referred to the field for an examination and report. In occasional and rare cases when we are confident a field referral will be made and a field man is already in the immediate vicinity of the property, he will make an examination at that time in order to avoid the expense of another visit to the area. With this one exception, which is indeed rare, we are not authorized to make an on-site examination until requested by our Washington office to do so. Doubtless, it was my mention of the exceptional condition that caused your misunderstanding.

Until gold, silver, iron, and other commodities mentioned in a Press Release dated March 28, 1961, are added to the list of eligible commodities, applications to explore primarily for those commodities are being held in Washington. In the case of your application the principal commodities are cobalt and copper, both of which are now eligible for 50 percent Government support. If gold and silver are added to the list, they also will be in the 50 percent Government participation group. Therefore, your application will not be placed in any "suspense file."

It is difficult to say precisely how long it will take to complete processing of your application, but I would guess it will be the middle of August before a final decision can be made.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:mls
cc: OME w/cy incoming
Reading copies to:
Nolan
Hobbs
Guild

IDAHO COPPER MINES INC.

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 21 1961

DATE	INITIALS	CODE

INTERIM FINANCIAL STATEMENTS

MAY 31 1961

Geddes, Knebel & Co.

Chartered Accountants

Edmonton, Alberta

IDAHO COPPER MINES INC.

(Incorporated under the laws of the State of Idaho, U.S.A.)

INTERIM BALANCE SHEET

MAY 31 1961

A S S E T S

CASH IN BANK:		
Edmonton, Alberta (Canadian funds)		$ 20,086.05
Salmon, Idaho (U.S. funds)		744.50
		20,830.55
BUILDINGS AND EQUIPMENT, (Notes 1 and 2)		
Acquired in consideration of the allotment of 4,000 shares of the company's capital stock	$ 40,000.00	
Acquired for cash	15,280.29	
		55,280.29
MINERAL CLAIMS (Note 2)		476,500.00
DEFERRED COSTS:		
Organization and management costs (Note 1)	23,000.00	
Exploration and administration expenses	13,520.66	36,520.66
		$589,131.50

L I A B I L I T I E S

ACCOUNTS PAYABLE		$ 9,331.50
SHARE CAPITAL, (Note 1)		
Common shares with a par value of $10.00 each		
Authorized - 5,000,000 shares	$50,000,000.00	
Issued and fully paid - 543,530 shares	5,435,300.00	
Less - Discount on shares	4,855,500.00	579,800.00
		$589,131.50

The attached notes form an integral part of this balance sheet.

The above balance sheet has been prepared by us from the books and records of the company and from information given to us. We did not perform an audit of the accounts and accordingly are not in a position to express an opinion on the financial statements.

Geddes, Knebel & Co.

IDAHO COPPER MINES INC.

MAY 31 1961

NOTES TO THE BALANCE SHEET

NOTE 1

$10.00 par value shares were issued for the following considerations:

Shares		Par Value	Discount	Net Amount
40,030	issued for cash	$ 400,300.00	$ 360,000.00	$ 40,300.00
4,000	issued in consideration for the purchase of buildings and equipment	40,000.00	-	40,000.00
476.500	issued in consideration for the purchase of mineral claims	4,765,000.00	4,288,500.00	476,500.00
23,000	issued for organization and management costs	230,000.00	207,000.00	23,000.00
543,530		$5,435,300.00	$4,855,500.00	$579,800.00

NOTE 2

The fair market value of the buildings and equipment "on location" is estimated to be by the management $ 61,510.00

IDAHO COPPER MINES INC.

SCHEDULE OF EXPLORATION AND ADMINISTRATION EXPENSES
MAY 31 1961

Wages	$ 4,841.45
Supplies	1,739.56
Salaries	1,000.00
Freight	726.44
Repairs	302.57
Gas, oil and fuel	619.53
Travelling and general administration	3,153.79
Insurance	300.00
Employee benefits	299.24
Licenses	238.72
Assays	41.70
General expense	257.66
	$13,520.66

MME FORM 6 REFERENCE SLIP

REV. 2- OFFICE OF MINERALS EXPLORATION 2/61

TO: Chief, Div. of Field Operations	DATE	INITIALS
1. Transmittal of application (Cu,Au,Ag,Co) Idaho Copper Mines, Inc.		
2. Idaho Copper Mine Lemhi County, Idaho		
3.		
4.		
5 For: Mary L. Smelser D. R. MacLaren		
FROM: Acting Field Officer, Region I		

FOR: Check items for action desired

x Action	____ Reply for signature of ____	
____ Approval	____ Investigate	____ Surname
____ Comment	____ Recommendations	____ Signature
____ Conference	____ Rewrite	____ File
____ Instructions	Your information	

REMARKS:

The president of the company was under the impression that these minerals were all on the eligible list and that the Government would contribute 75 percent of the total allowable costs thus this application was made on that basis. Claims to have read this in the "Northern Miner", a Canadian Mining Publication. Mr. MacLaren will review the application when he returns from the field and forward any comments he feels necessary.

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

Idaho Copper Mines, Inc.
Box K-56
Salmon, Idaho

Re: OME-6132

Gentlemen:

Your application for exploration assistance, dated June 12, 1961 submitted to our office at Spokane, Washington, has been assigned Docket Number OME-6132. Kindly 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 I

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE

EDMONTON, ALBERTA

TELEPHONE HUnter 8-4300

June 12, 1961.

U.S. Geological Survey,
Office of Minerals Exploration,
South 157, Howard Street,
Spokane, Washington.

Attention of Mr. McLaren

Dear Sir:

In company with Mr. K. A. Suitor, Manager of our exploration work in Idaho, I visited your office today and we had a very cordial discussion, about our Government Ass--istance Application, with your Secretary, Mrs. Smelzer.

During my last talk with you about our possible application for Government financial participation in our project, I gained the impression that if and when such app--lication was filed with your office you would at your earliest convience make a geological examination of the area under consideration, an examination of our equipment and personnel and then submit your report to Washington to accompany our application. Such a procedure would likely expedite action on our application.

My general understanding from the discussion with your Secretary indicates that our application would now go to Washington where it would probably be loged in a suspense file awaiting certain decisions by the department officials; that if and when the application was taken from the suspense file you would probably be advised to make your field examination. This procedure could cause great delay and long term uncert--ainty as to wheather our application was approved or denied and thus disrupt our present work program.

see MacLaren letter of June 16

We believe our application to be in order and real--istic. It appears, however, that Government participation could only be a maximum of 62½% instead of the 75% participation requested. We can, nevertheless meet our share of 37½% of the proposed program.

We had hoped to know prior to the end of June as to the decision of the department on this application.

We will submit to you shortly a Financial Statement as of May 31, 1961, as Mrs. Smelzer states she is sure this would be required.

A letter from you, with copy to the Field Office, Box K-56, Salmon, Idaho, would enlightening us as to your ideas of when this application may be processed would be helpful and much appreciated.

Yours very truly,
IDAHO COPPER MINES, INC.,

Lyman DeStaffany, President.

LDS/ks

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE

EDMONTON, ALBERTA

TELEPHONE HUnter 8-4300

June 16th, 1961

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 21 1961

DATE	INITIALS	CODE

U. S. Geological Survey,
Office of Minerals Exploration,
South 157 Howard Street,
Spokane, Washington,
U. S. A.

Attention: Mr. McLaren

Dear Sirs:

As per our letter of June 12th, 1961, we attach hereto, two copies of an unaudited Financial Statement as of May 31st, 1961.

Yours very truly,

IDAHO COPPER MINES, INC.

Lyman DeStaffany

LDS:ms
Enc.

RECEIVED
JUN 19 1961

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

So. 157 Howard Street
Spokane 4, Washington
July 11, 1961

Air Mail

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: OME-6027 (Mercury)
Oregon Cinnabar Mines, Inc.
Big Muddy Cinnabar Prospect
Jefferson County, Oregon
Contract 2006

It will probably be late in August or the middle of September before I will be able to get in a final report on the subject property. The preparation will not take very long, but pending field referrals may interfere somewhat. If I can get it in sooner, I will. No certification will be recommended.

I plan to leave next weekend to make interim inspections at the Carbonate and Marietta mines in Montana, a royalty inspection at Golden Copper Queen, and application examinations for Dockets OME-6132 and OME-6136. Should a referral of Docket OME-6141 be received before I leave, I will make that examination and an interim inspection at the Musick mine before coming back to the office.

file

D. R. MacLaren

D. R. MacLaren

Olive

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE
EDMONTON, ALBERTA

TELEPHONE HUnter 8-4380

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 16 1961

DATE	INITIALS	CODE
	October	9, 1961.
10/16	Cac	210
10/17	Fmm	500

Mr. D. R. MacLaren,
Office of Minerals Exploration,
So. 157, Howard Street,
SPOKANE 4, Washington,

Re: OME-6132 (Copper-Cobalt)
East Fork, et al., Claim Groups
Lemhi County, Idaho.

Dear Mr. MacLaren:

Enclosed are the original and three copies of the Exploration Contract, duly signed by the officers of this company.

You will note the book and page number on which the location of Mt. Zither No. 1 Claim is located have been added on page 3 of Annex I. Fmm

We will advise your office the date we actually begin work on Stage 1, which will be before the contract date which we filled in as October 15, 1961.

Sincerely yours,

IDAHO COPPER MINES, INC.,

/s/ K. A. Suitor

K. A. Suitor.

KAS/encl.

RECEIVED
OCT 12 1961
U.S.B.M.
SPOKANE, WASH.

Idaho Copper Mines, Inc.

Suite 210 - 11025 JASPER AVENUE
EDMONTON, ALBERTA

TELEPHONE HUnter 9-4380

Field Office,
Box 222,
Salmon, Idaho.
Feb. 5, 1962.

Mr. D. R. MacLaren,
Office of Minerals Exploration,
South 157 Howard Street,
Spokane 4, Washington.

RE: OME-6132 (Copper-Cobalt)

Dear Mr. MacLaren:

The following is a resume of work carried out at our own expense on the above captioned property.

The trenching program outlined as Stage I of OME Contract 2131, proved quite unsatisfactory due to the depth of overburden found at all trench sites. Without the information these trenches should have given, it was decided to try several Rotary Drill Holes before suggesting we begin Stage II.

An agreement was made with a local drilling contractor. The drill is a truck mounted job with a 210 c.f.m. compressor. EX rod was used. While it is a good rig, it was poorly equipped and operated.

Hole #1 was collared at Trench #1 to intersect the footwall zone. 87' were drilled in overburden. From here the ground gradually became harder with intermittent values to the end of the hole at 109'. As this was more of an experiment on our part, we were nat as concerned with determining extent of values as overburden and general drill preformance, it was decided to move to location #2.

Hole #2 was spotted to intersect the hanging wall zone. Although a few traces of ore were cut it is not believed the zone was reached at end of hole depth of 137'. Shortage of drill rod stopped this hole.

Hole #3, collared 135' south of the Drift entered bedrock at 63' and was ore to the end of the hole at 87', where a water course was struck, stopping circulation and the hole. All holes were vertical.

In general this small eratic program provided very little additional information on the deposit. It did however give us an opportunity to try the ground to determine another approch for further exploration.

.... con't.

Mr. D. R. MacLaren .... Con't.

We believe a portable combination Rotary-Diamond Drill will prove very efficent and economical for further work. Arrangements are being made at present to purchase a machine of this type.

I am forwarding, under seperata cover, a sepia print with the Drill Hole locations marked. These were not surveyed in due to the heavy snow. Also with this are the sample sheets for the 3 holes and two maps LaVerne had made up showing the results of the limited geochemical work done to date.

Your comments on the above, together with suggestions toward revising the contract to include further drilling would be appreciated.

Yours very truly,

IDAHO COPPER MINES, INC.,

K. A. Suitor.

KAS/cs

RECEIVED
FEB 9 1962
U.S.G.S.
SPOKANE, WASH.

Idaho Copper Mines, Inc.

[illegible]

[illegible]

January 28th, 1963

Mr. D. Z. Harlerre
Officer of Mineral Exploration
South 237 Howard Street
Spokane 8, Washington
U. S. A.

Dear Mr. Harlerre:

We have a copy of a letter written you by Mr. K. A. Sutter, Secretary of the Company, dated October 29, 1962. Attached to the letter are copies of various reports, the originals of which were mailed to you with the letter referred to.

Mr. Sutter is now at Trail, B. C. In telephone contact with his January 15th, he stated he had no reply to his letter of October 29, 1962.

We would like to hear from you at this address at your earliest convenience. Any money that may be paid by U.M.E. on its participation should be forwarded to this office.

Yours very truly

IDAHO COPPER MINES, INC.

LYNN DeSTAFFANY

LD/jmc

Idaho Copper Mines, Inc.

11009 JASPER AVENUE
EDMONTON, ALBERTA

TELEPHONE HUNTER 8-6182

January 31st, 1963

Mr. D. R. MacLaren,
Acting Field Officer,
O.M.E, Region 1,
So. 157 Howard Street,
Spokane 4, Washington.

Dear Mr. MacLaren:

Re: OME -6132 (Copper-Cobalt)
Contract 2131

In reply to your letter of January 25, 1963.

On my visit to the property in October, 1962, we decided to stop all exploration work of whatever nature as of October 15, 1962.

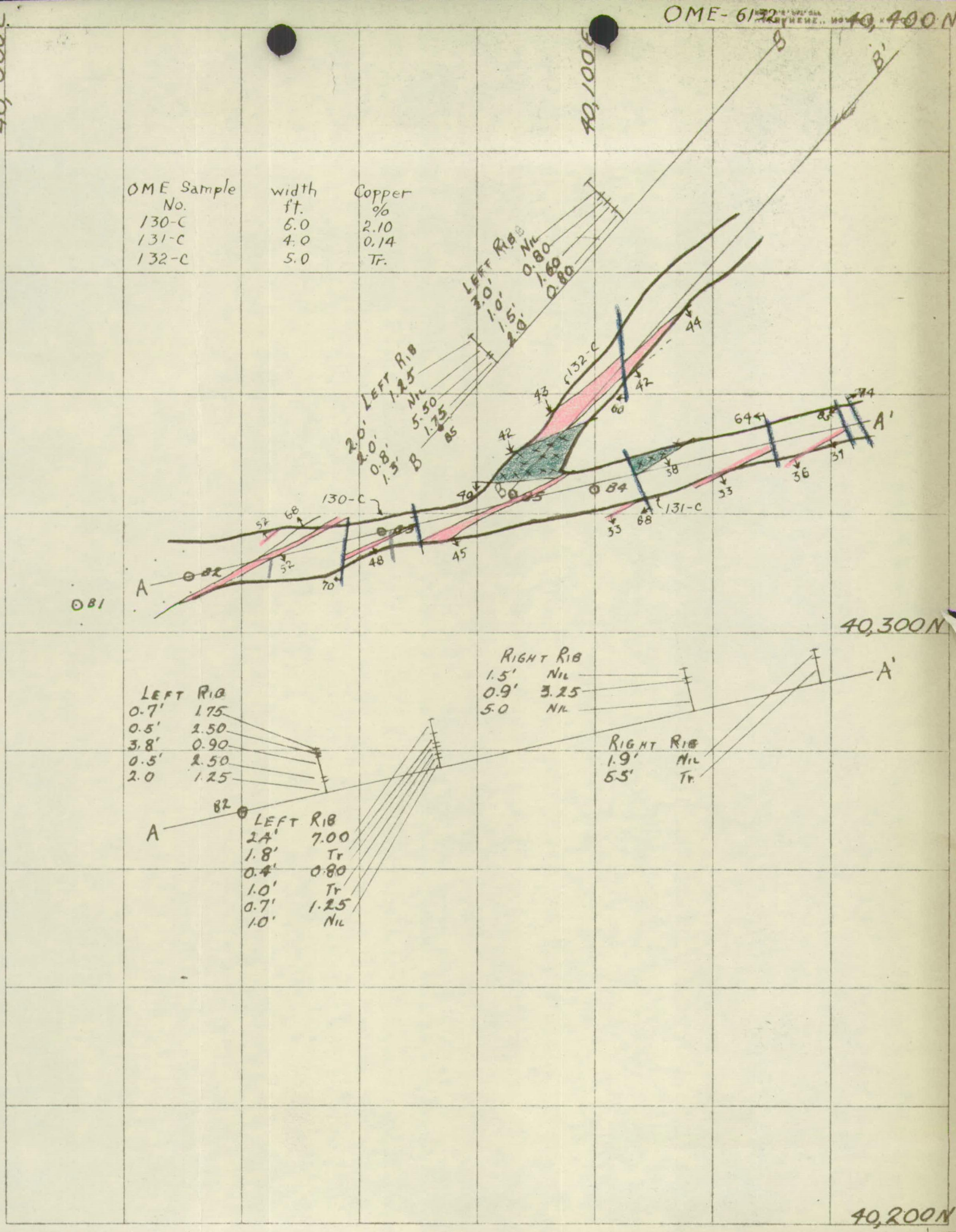
Yours very truly,

IDAHO COPPER MINES, INC.

Lyman DeStaffany
President and Managing Director

LDS:ms

RECEIVED
FEB 4 1963



SCALE 1"=20'

"B" DRIFT ASSAY MAP

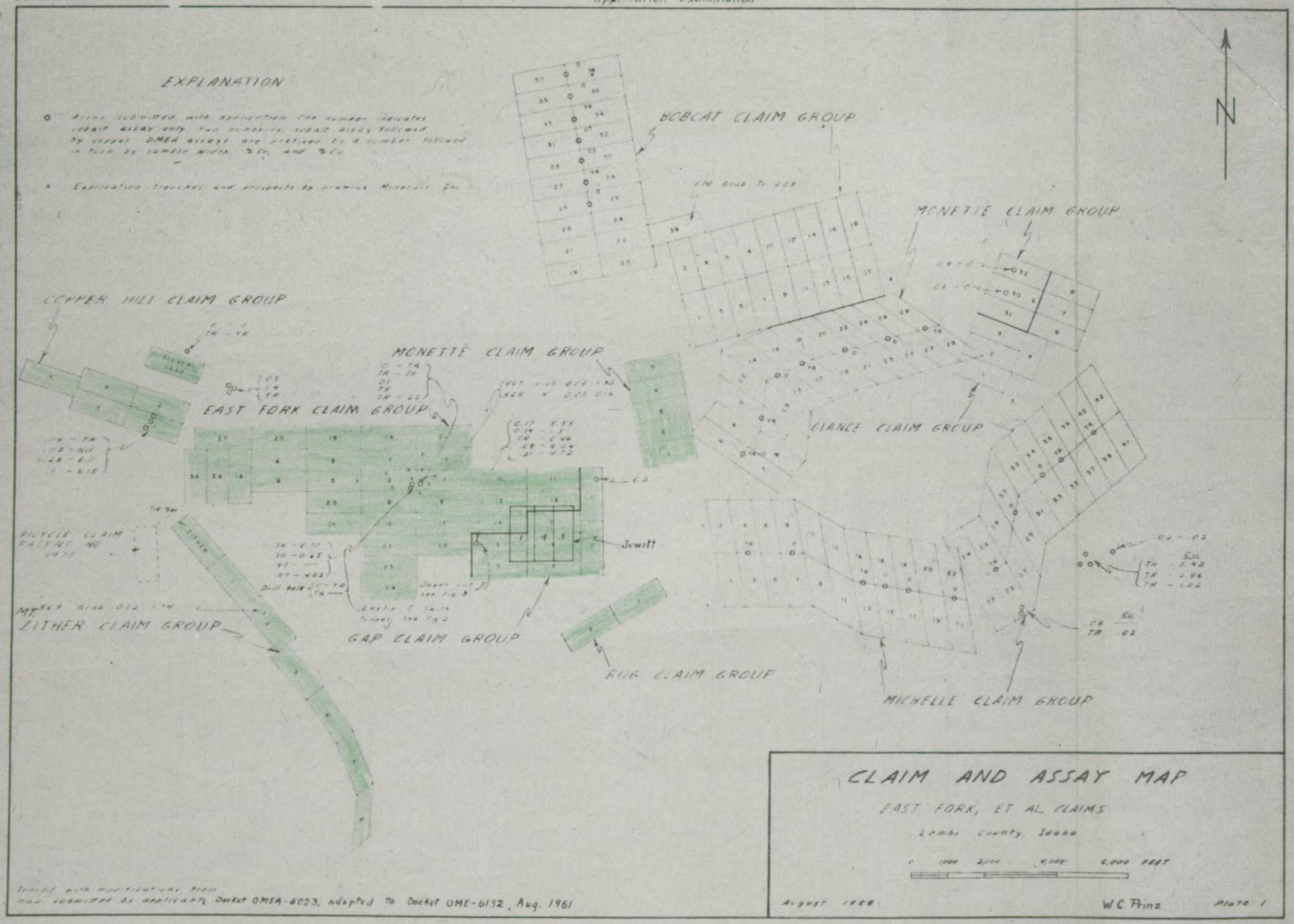
IDAHO COPPER MINES, INC.
SALMON, IDAHO

Plate 3

UNITED STATES
DEPARTMENT OF THE INTERIOR

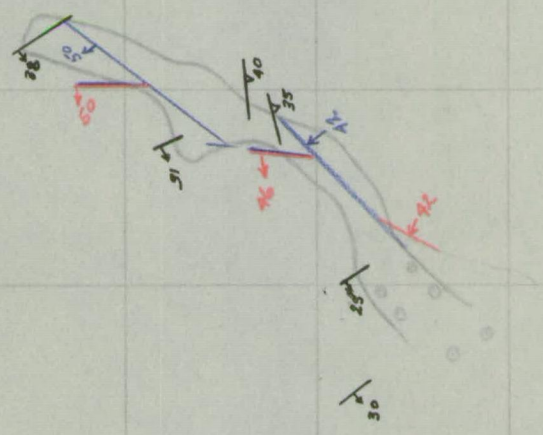
Office of Minerals Exploration
Application Examination

DOCKET NO OME-6132



Traced with modifications from map submitted by applicant, Docket OMEA-6023, adapted to Docket OME-6132, Aug. 1961

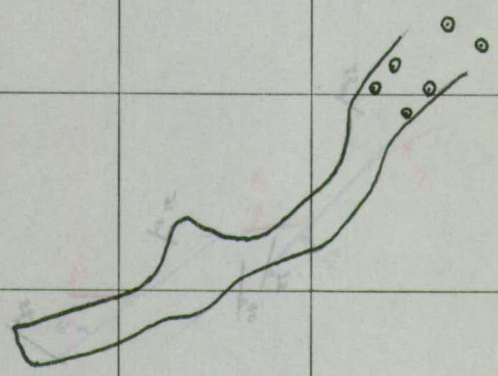
Plate 1 - Claims in Annex I of contract - green



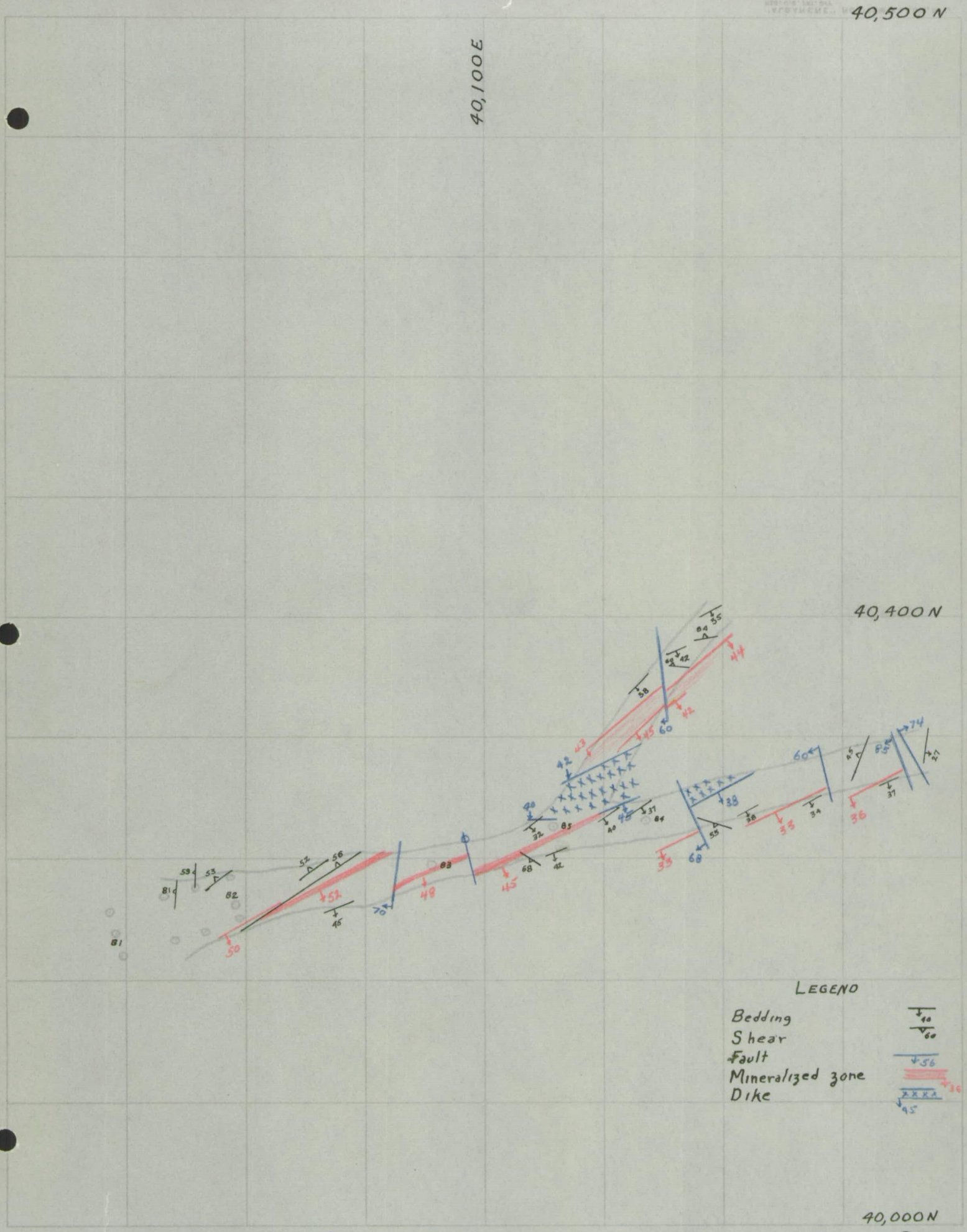
SCALE 1" = 20'
JUNE 1961

COBALT DRIFT

IDAHO COPPER MINES, INC.
SALMON, IDAHO



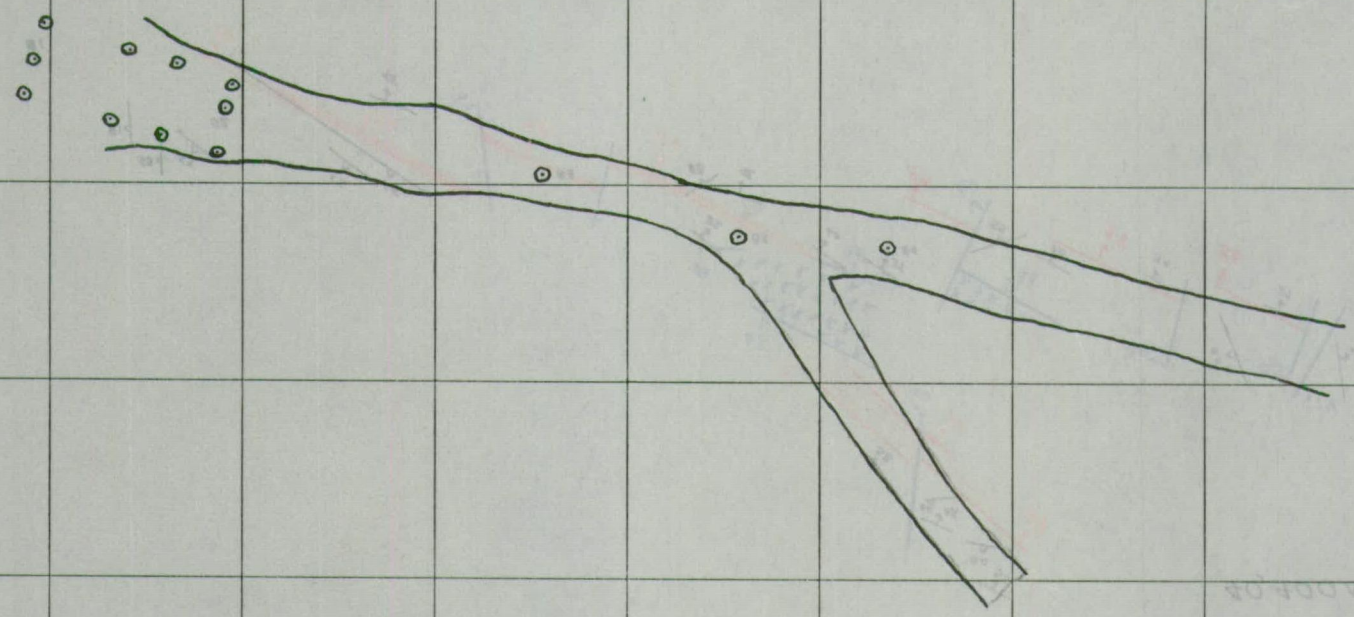
"ALBANENE" No. 196M K&E CO., N.Y.
REG. U.S. PAT. OFF



SCALE 1" = 20'
JUNE 1961

DRIFT GEOLOGY

IDAHO COPPER MINES, INC.
SALMON, IDAHO

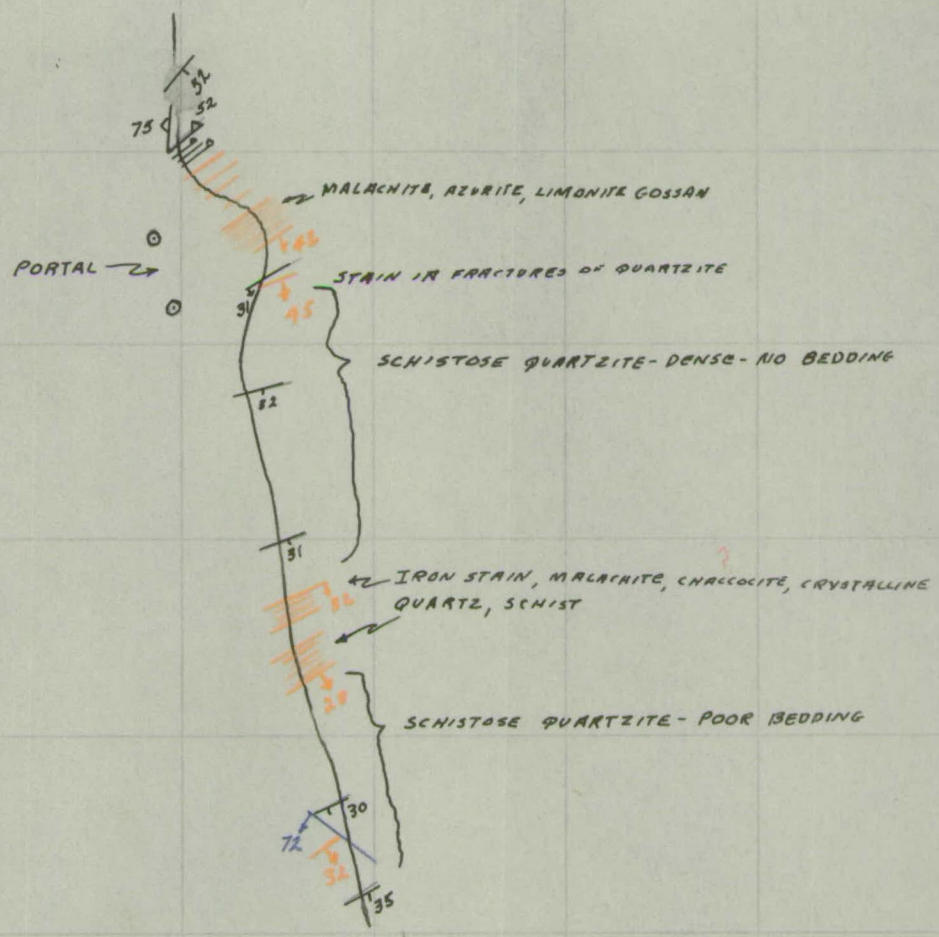


"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

40,100E

40,400N

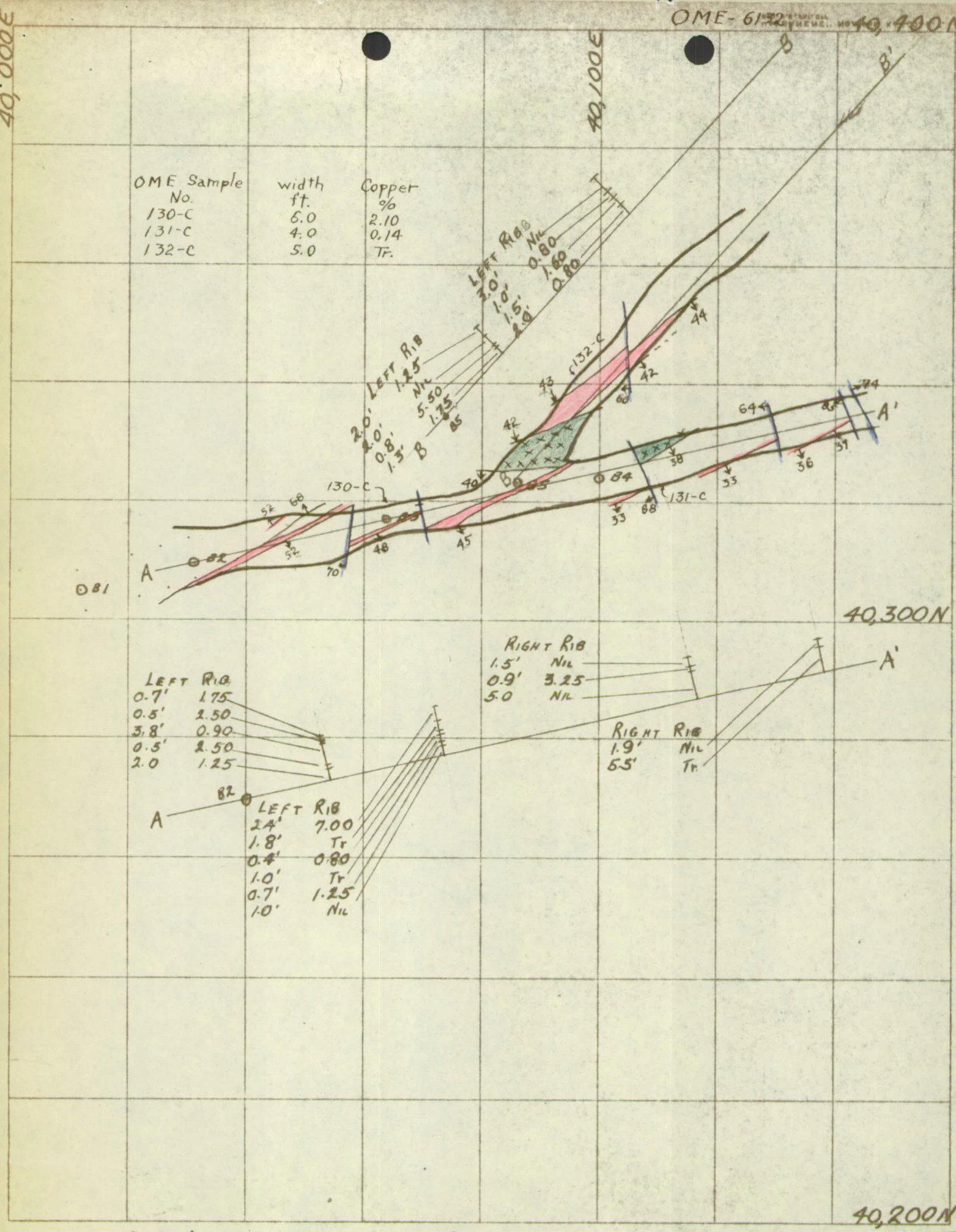
40,400N



SCALE 1" = 20'
JUNE 1961

TRENCH GEOLOGY
AT PORTAL

IDAHO COPPER MINES, INC.
SALMON, IDAHO



SCALE 1" = 20'

"B" DRIFT ASSAY MAP

IDAHO COPPER MINES, INC.

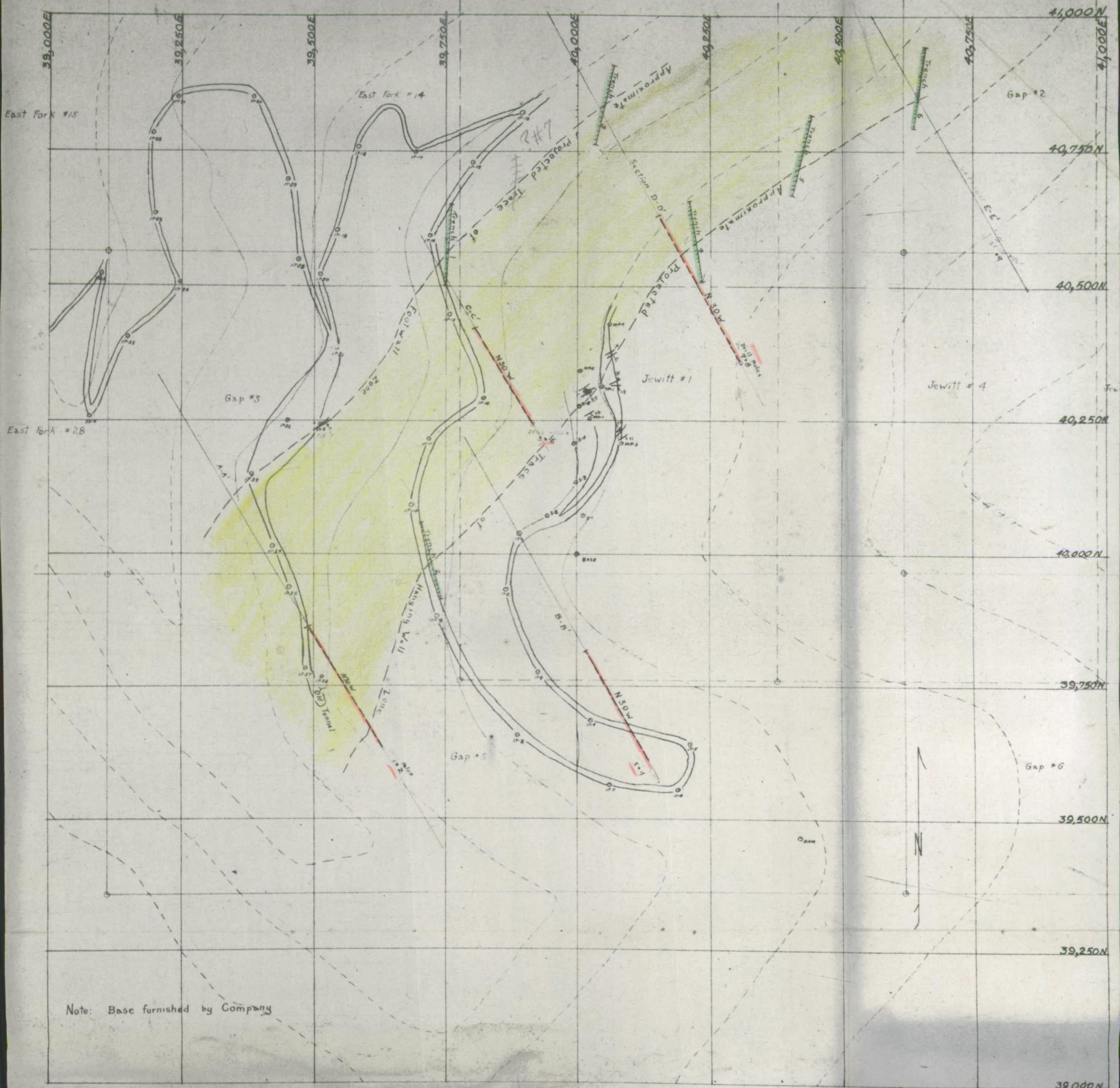
SALMON, IDAHO

Plate 3

U.S. Department of the Interior

Office of Minerals Exploration
Application Examination

Docket OM.E. 6132



Note: Base furnished by Company

SCALE 1" = 100'
CONTOUR INTERVAL 100 FEET

Plate 2

SURFACE MAP
Stage I - Trenches - Green
Stage II - Drill holes - Red
Stage III - Structure to be explored - Yellow

IDAHO COPPER MINES, INC.
Plate 2

O.M.E. Region 1. Location Map
25 0 25 50 100 Miles
x Idaho Copper Mines Inc
Vancouver
Juan de Fuca Strait
Victoria
Bellingham
Everett
Seattle
Tacoma
Olympia
Aberdeen
Gray's Harbor
Willapa Bay
Portland
Salem
Corvallis
Eugene
Roseburg
Medford
Klamath Falls
Klamath
Tillamook
Newport
Pendleton
Walla Walla
Wallula Gap
Yakima
Kelso
The Dalles
Columbia
Spokane
Coeur d'Alene
Kalispell
Missoula
Helena
Great Falls
Benton Lake
Marias R
Teton R
Missouri R
Milk R
Musselshell R
Yellowstone R
Billings
Livingston
Three Forks
Butte
Anaconda
Lewistown
Miles City
Glendive
Jordan
Hardin
Red Lodge
Sheridan
Baker
La Grande
Bend
Burns
Malheur
Payette
Boise
Twin Falls
Pocatello
Idaho Falls
Craters of the Moon
Salmon
Dry Falls
Potholes
Ellensburg
Yakima
Snake R
Columbia R
Clearwater Mts
Salmon Mts
Lemhi Mts
Sawtooth Mts
Smoky Mts
Soldier Mts
Camas R
Bitterroot Mts
Coeur d'Alene Mts
Cabinet Mts
Flathead Mts
Lewis and Clark Range
Rocky Mts
Little Rocky Mts
Big Snowy Mts
Judith Mts
Bear Paw Mts
Little Belt Mts
Big Belt Mts
Crazy Mts
Beaverhead Mts
Tobacco Root Mts
Gallatin Range
Absaroka Range
Teton Range
Wind River Range
Big Horn Mts
Pryor Mts
Wallowa Mts
Blue Mts
Ochoco Mts
Cascade Range
Mt Rainier
Mt St Helens
Mt Adams
Mt Hood
Mt Jefferson
Mt Thielsen
Crater L
Three Sisters
Strawberry Mts
Paulina Mts
Cascade Range
Columbia Plateau
Channelled Scablands
Glacial Lake Missoula
Palouse
Snake R
Columbia R
Pend Oreille L
Flathead L
Kootenay L
Yellowstone L
Fort Peck Dam
Hungry Horse Dam
Grand Coulee Dam
Dam

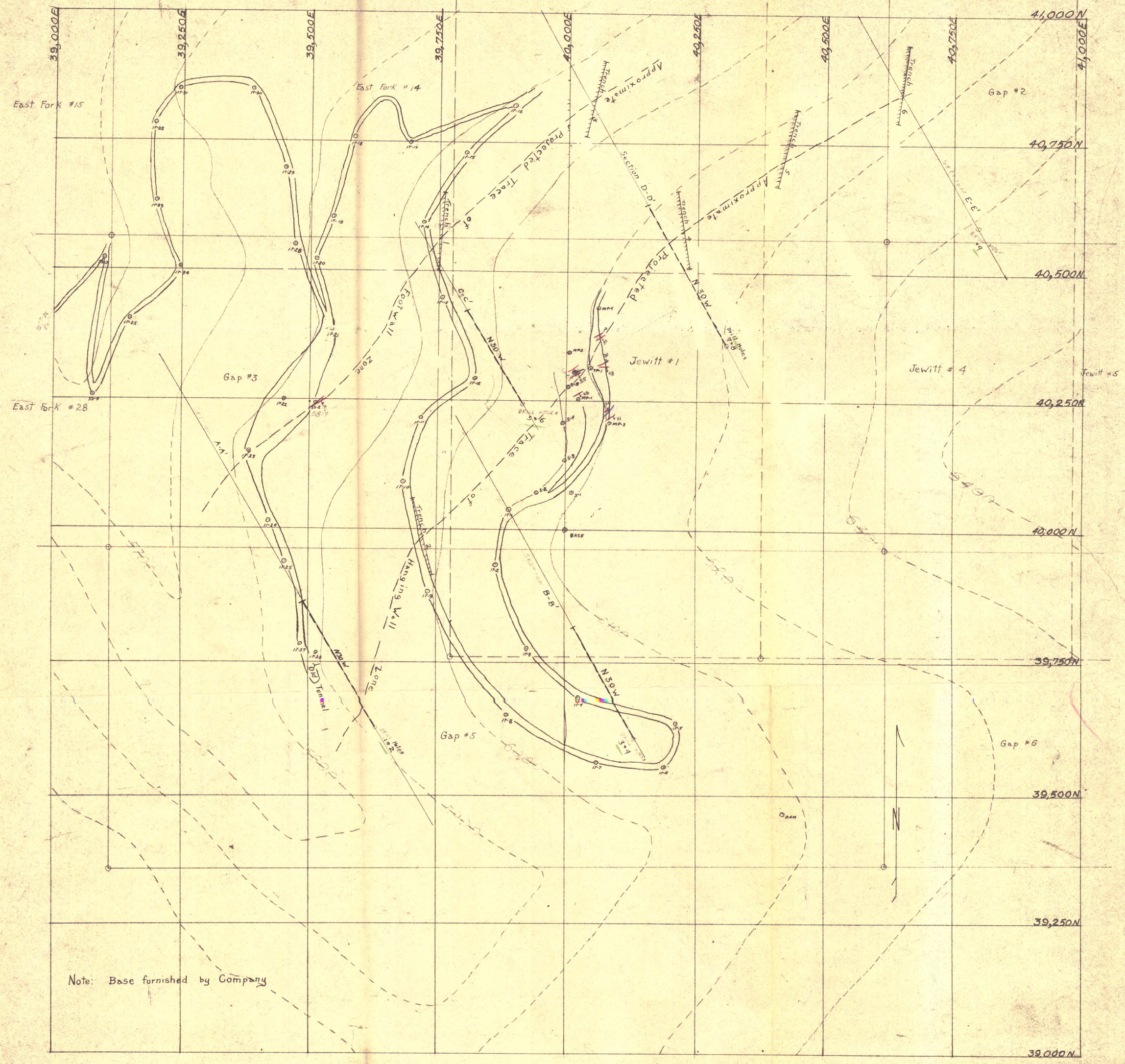
OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 29 1964

DATE	INITIALS	CODE

U.S. Department of the Interior

Office of Minerals Exploration
Application Examination

Docket O.M.E. 6132

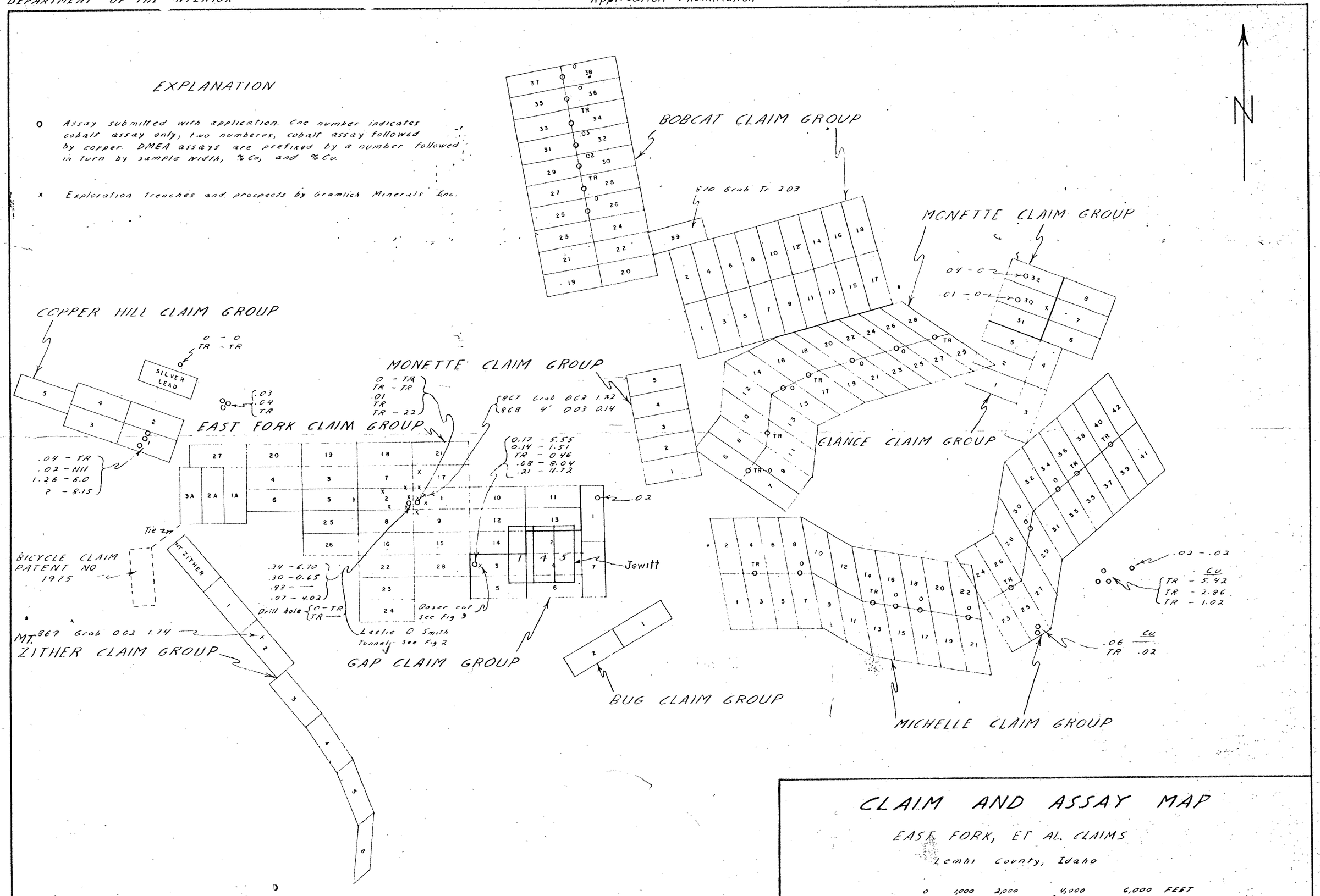


Note: Base furnished by Company

SCALE 1" = 100'
CONTOUR INTERVAL 100 FEET

SURFACE MAP

IDAHO COPPER MINES, INC.
Plate 2



CLAIM AND ASSAY MAP

EAST FORK, ET AL. CLAIMS

Lemhi County, Idaho

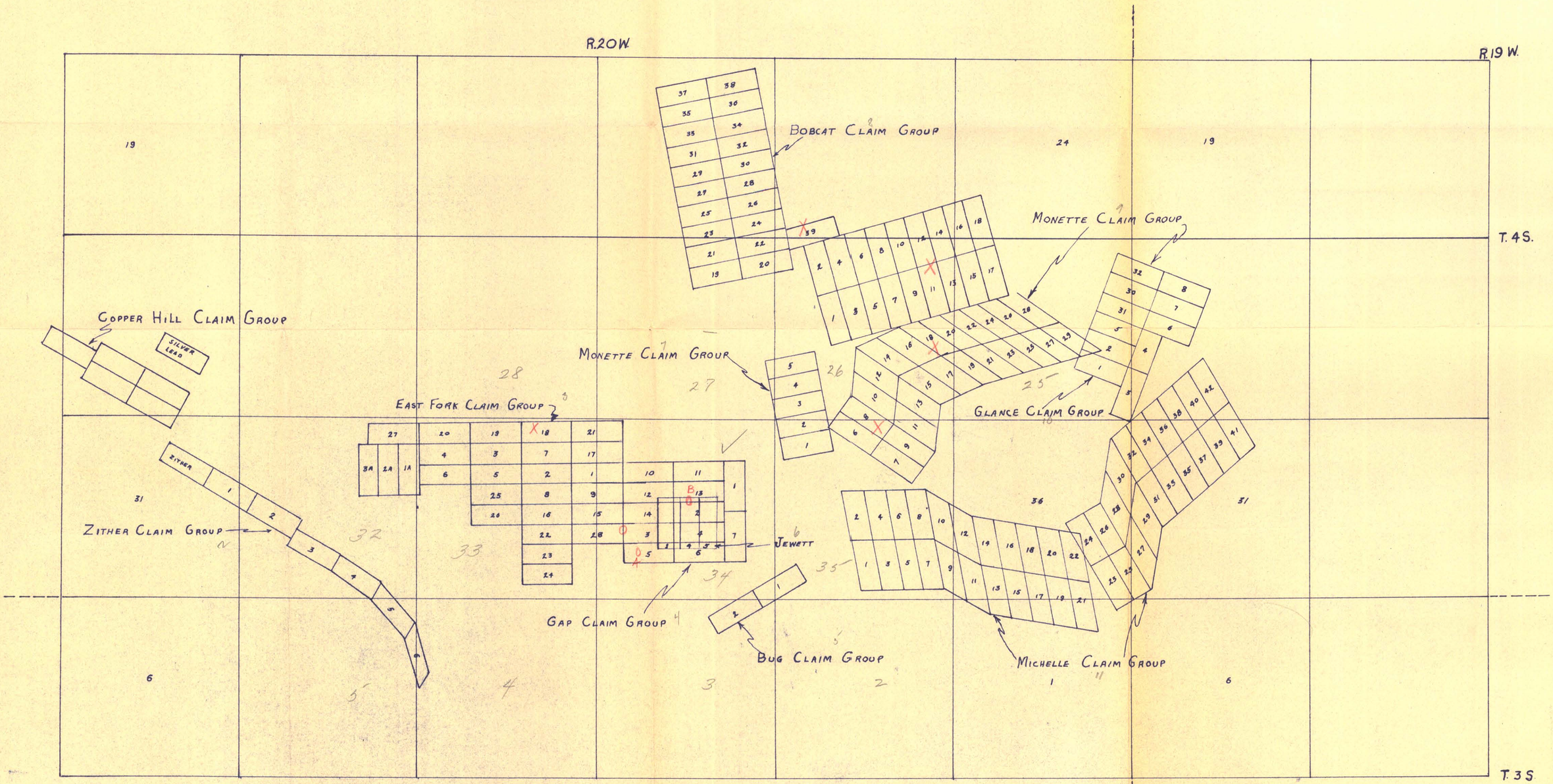
0 1,000 2,000 4,000 6,000 FEET

August 1958

W.C. Prinz

Plate 1

Traced with modifications from map submitted by applicant; Docket OMEA-5023, adapted to Docket OME-6132, Aug. 1961



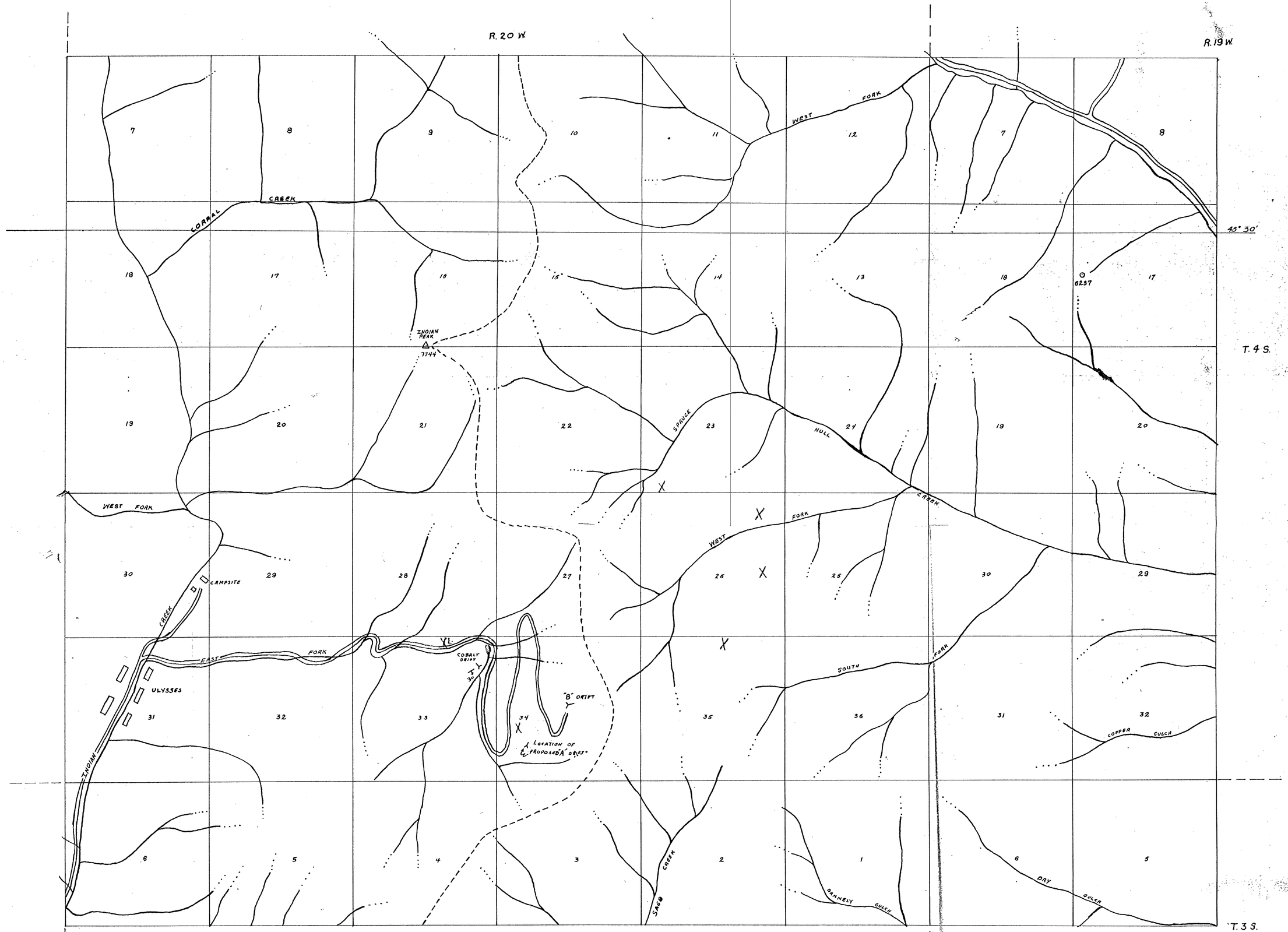
CLAIM MAP

SCALE 1" = 2000'

IDAHO COPPER MINES, INC.

SALMON, IDAHO

Claim Map



SCALE 1" = 2000'
UNSURVEYED

AREA MAP

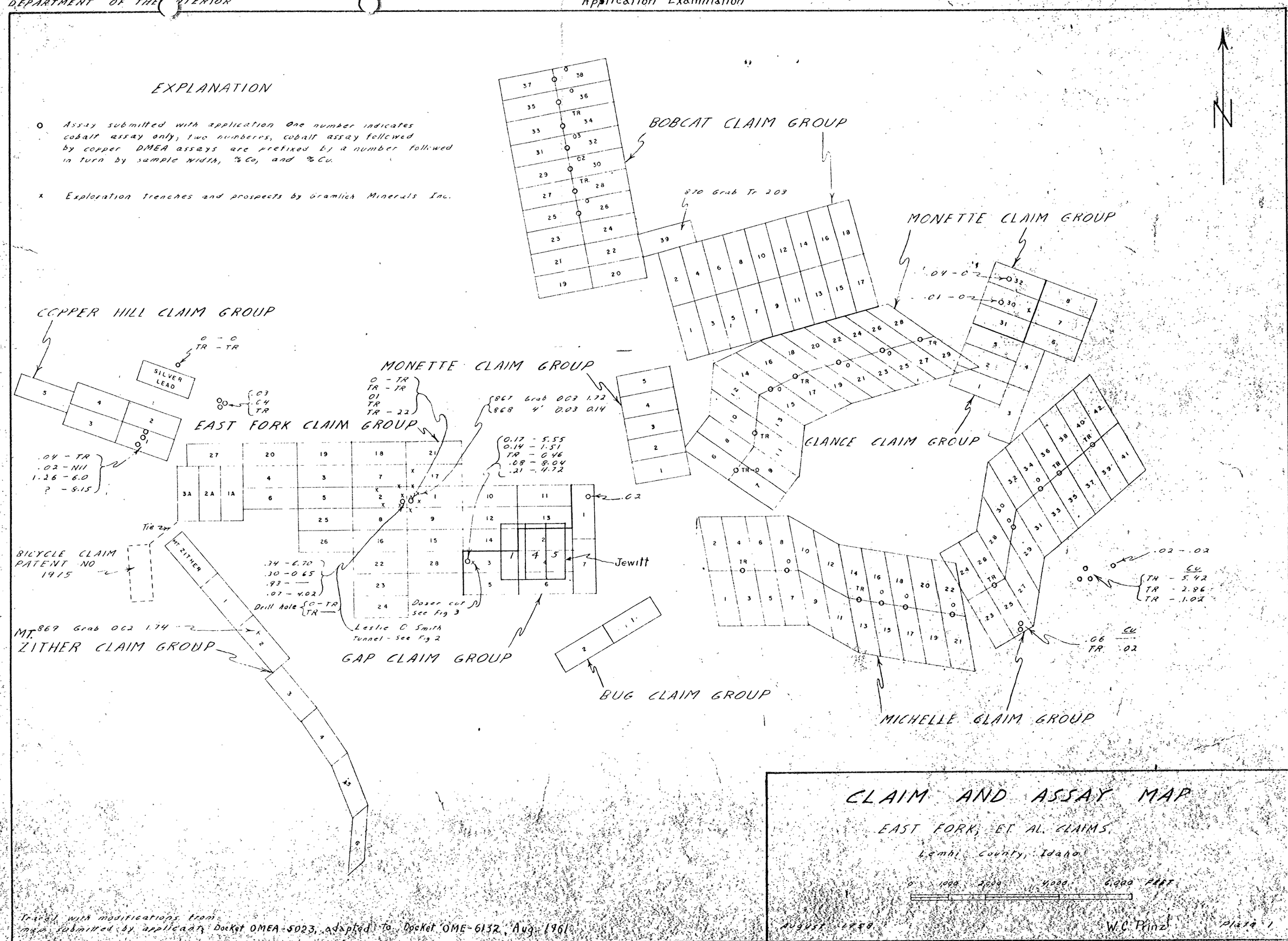
IDAHO COPPER MINES, INC.
SALMON, IDAHO

AREA MAP

UNITED STATES
DEPARTMENT OF THE INTERIOR

Office of Minerals Exploration
Application Examination

DOCKET NO. OME-6132



Traced with modifications from map submitted by applicant, Docket OMEA-5023, adapted to Docket OME-6132, Aug. 1961

CLAIM AND ASSAY MAP

EAST FORK, ET AL. CLAIMS,

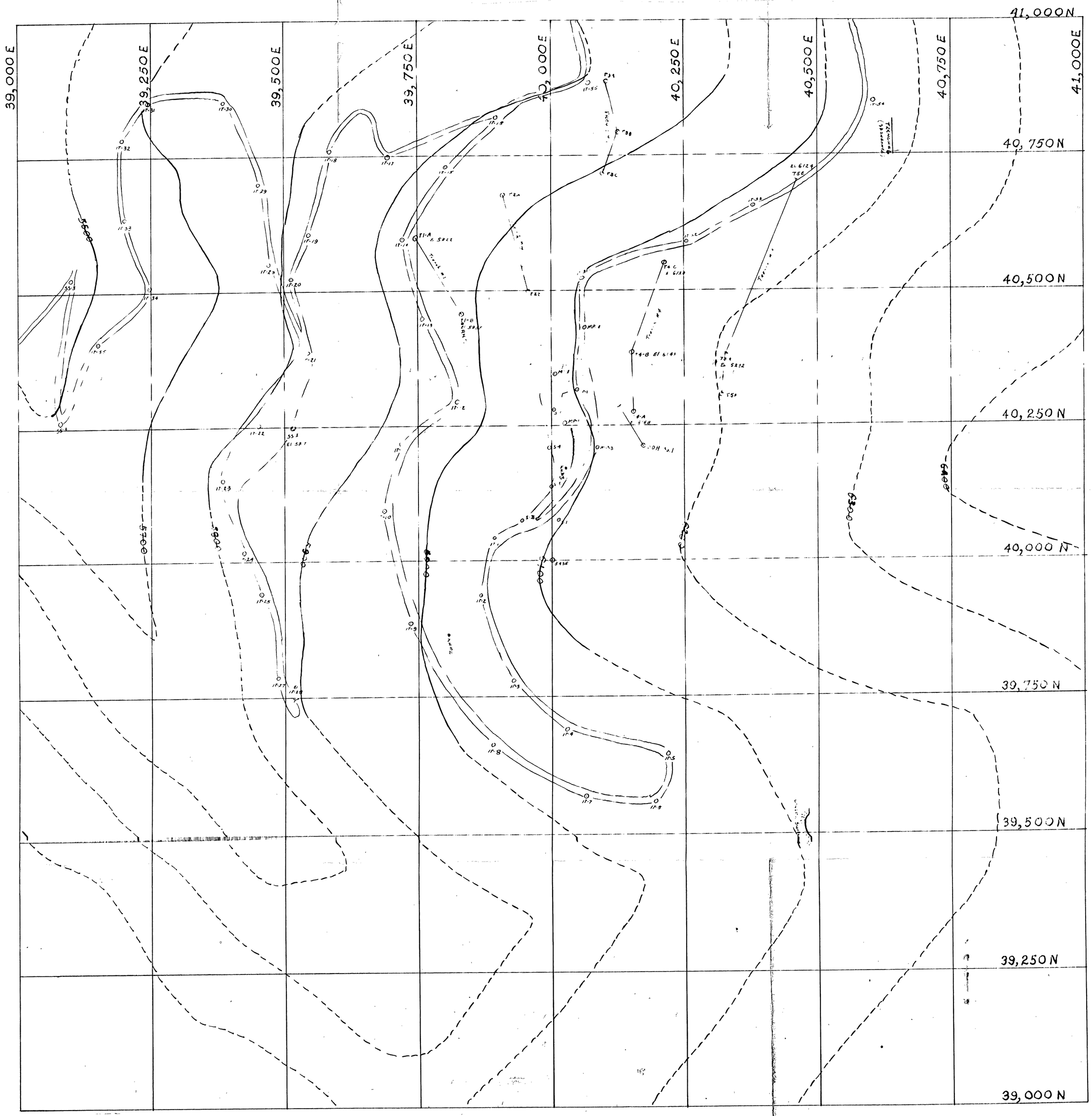
Lemhi County, Idaho

0 1,000 2,000 4,000 6,000 FEET

August 1980

W.C. Prinz

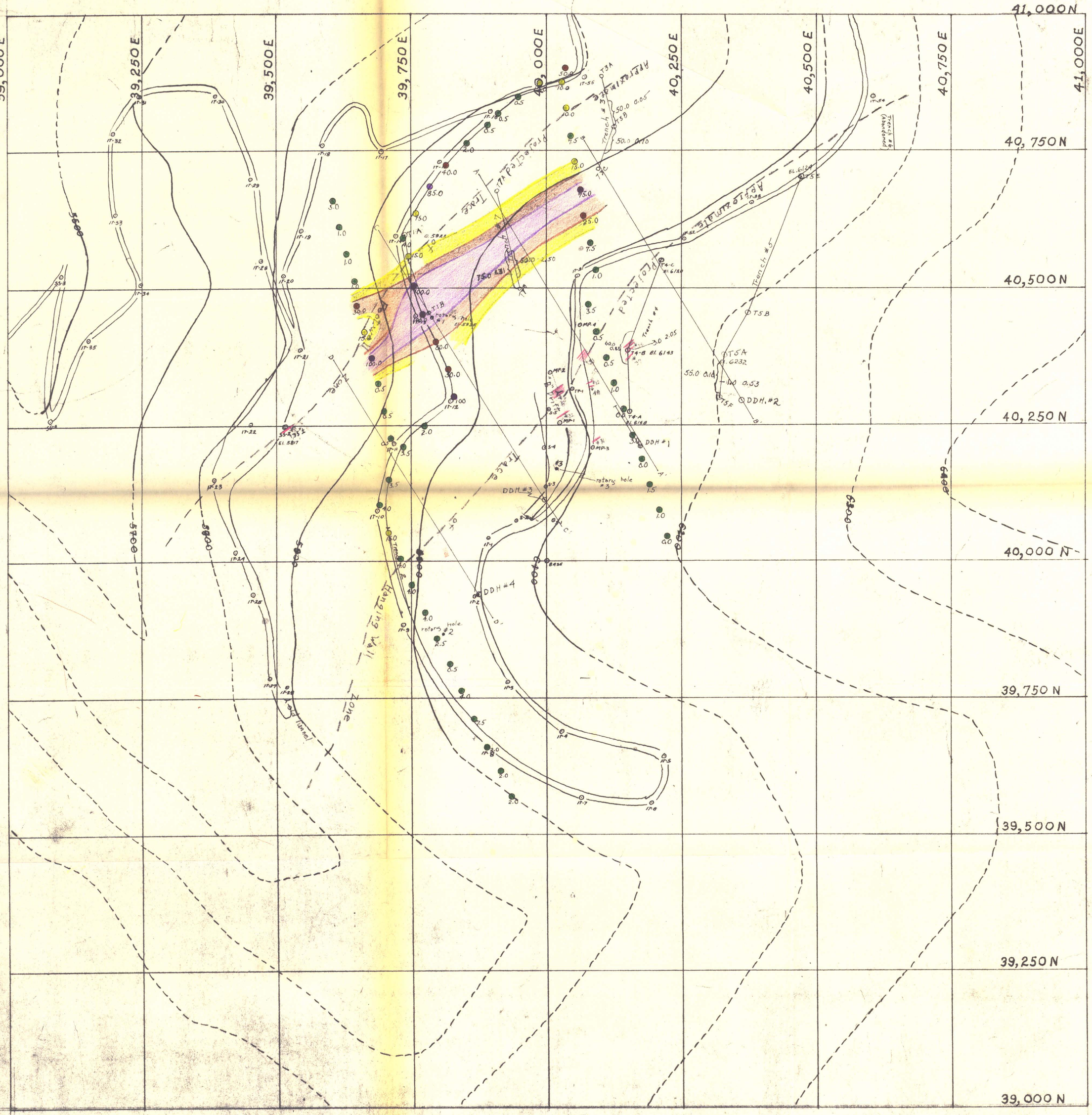
Plate 1



SCALE 1" = 100'

SURFACE MAP

IDAHO COPPER MINES, INC.

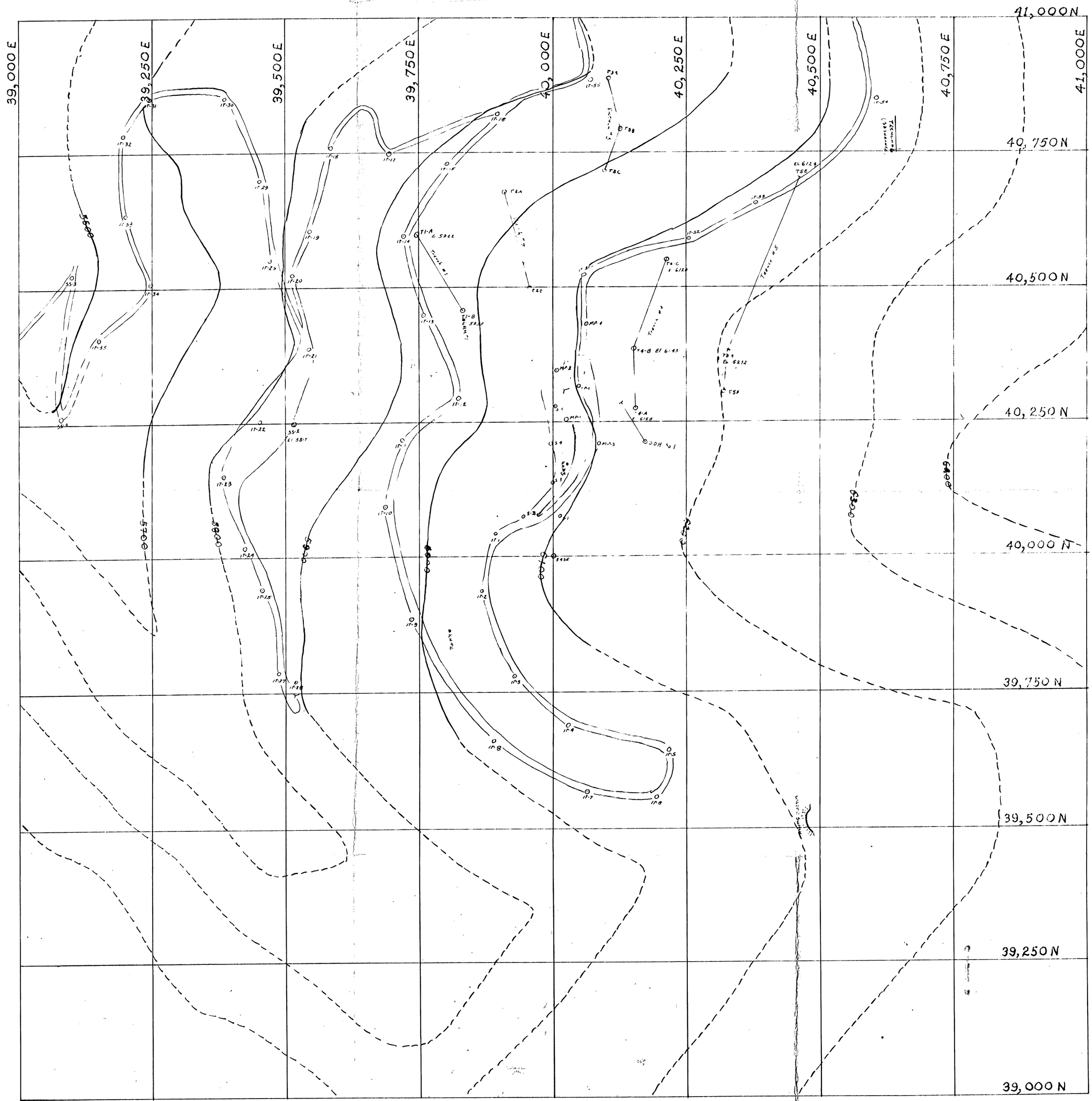


SCALE 1" = 100'

SURFACE MAP

IDAHO COPPER MINES, INC.

Plate 2



SCALE 1" = 100'

SURFACE MAP

IDAHO COPPER MINES, INC.