MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. 2287 Docket No. 6613

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes dtd 12/17/69
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments Revised Proposal 5/15/69

Right Side

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

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

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam. Report (Tab) 11/68
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports

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

Right Side

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

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

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

Government's copy

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 7

It is agreed this 30th day of January, 1974, between the United States of America, acting through the Department of the Interior, U.S. Geological Survey, hereinafter called the "Government", and Colorado Geneva Industries, Inc., hereinafter called the "Operator", that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective December 1, 1973, as follows:

1. (a) Work under the Contract may be suspended during the period beginning December 1, 1973, and ending no later than July 15, 1974.

(b) The Government shall not contribute to any costs incurred during the period of suspension.

(c) The Government shall not contribute to or be liable for any costs of rehabilitation or repair or any other costs which would not have occurred if there had been no suspension of work, or which may arise out of this suspension.

(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(a) of the Contract for completion of the work, as amended by Amendment No. 5, is further extended from forty-eight (48) months to sixty (60) months from the date of the Contract or to December 17, 1974.

3. The maximum period for royalty payments as provided in Article 6(b) of the Contract and for the lien to secure payment thereof, as amended by Amendment No. 5, is further extended from thirteen (13), years to fourteen (14) years from the date of the Contract, or to December 17, 1983.

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

(a) The Contract and all obligations of the parties thereunder, except as hereinafter otherwise provided, shall be and are hereby terminated effective December 1, 1973, if work on the Contract has not been resumed on or before July 15, 1974.

(b) The Government will contribute only to allowable costs incurred prior to December 1, 1973.

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

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

(e) The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of the Contract, except as provided for in this Amendment No. 7.

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

Except as amended herein, Exploration Contract 2287 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Harold Kirkemo

Chief, Office of Minerals Exploration
U.S. Geological Survey

COLORADO GENEVA INDUSTRIES, INC.

By C. E. Hopkins

Title Secretary

1/24/74 Martin Ferguson 1/24/1974
Appd. Sol. Office

Government's Copy

Office Region IV
Received
OCT 30 1973
Denver, Colorado

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 6

It is agreed this 29th day of October, 1973, between the United States of America, acting through the Department of the Interior, U.S. Geological Survey, hereinafter called the "Government" and Colorado Geneva Industries, Inc., hereinafter called the "Operator", that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective September 24, 1973, as follows:

In Exhibit A:

1. Under Estimated Costs of the Work, Fixed Unit Costs, as amended by Amendment No. 4, the text is further revised to read as follows:

"Fixed Unit Costs[1/]

Drifting, 509.2 feet at $55.00/foot	$28,006.00	
Long-hole drilling 225.1 feet at $1.75/foot	394.00	
Assaying, 27 samples Copper at $3.00/assay Lead, zinc, silver at $1.50 each determination	200.00	
Office expense 6 months at $50.00/month	300.00	
1 Supervisor-engineer 7.28 months at $750.00/month	5,460.00	
Total Estimated Cost of the Project		$34,360.00
Government Participation at 62 1/2%		$21,475.00

1/ The Government retains no equity in any of the materials used."

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

Except as amended herein Exploration Contract 2287 (OME-6613) dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Harold Kirkemo
Chief, Office of Minerals Exploration

COLORADO GENEVA INDUSTRIES, INC.

Ferguson 10/26/73
Appd. Sol. Office

By Da. Hopkins

Title Secretary

Government's Copy

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 5

It is agreed this 20th day of December, 1972, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective December 1, 1972, as follows:

1. (a) Work under the Contract may be suspended during the period beginning December 1, 1972, and ending no later than July 15, 1973.

(b) The Government shall not contribute to any costs incurred during the period of suspension.

(c) The Government shall not contribute to or be liable for any costs of rehabilitation or repair or any other costs which would not have occurred if there had been no suspension of work, or which may arise out of this suspension.

(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 I(a) of the Contract for completion of the work, as amended by Amendment No. 3, is further extended from thirty six (36) to forty eight (48) months from the date of the Contract or to December 17, 1973.

3. The maximum period for royalty payments as provided in Article 6(b) of the Contract and for the lien to secure payment thereof, as amended by Amendment No. 3, is further extended from twelve (12) to thirteen (13) years from the date of the Contract.

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

Except as amended herein Exploration Contract 2287 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Harold Kiburmo
Chief, Office of Minerals Exploration
U. S. Geological Survey

Appd. Sol. Office 12/19/72 Martin
Chairman 12/20
Wheeler 12/20/72

COLORADO GENEVA INDUSTRIES, INC.

By Sidney M. Baker

Title President

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

August 28, 1972

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Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith is the Government's copy, the Budget and Finance's copy of Amendment No. 4 to the subject contract, signed by the President of Colorado Geneva Industries, Inc. The amendment is now fully executed having been signed by the Government and the Operator.

It is noted, however, that the effective date of the amendment was not inserted in Amendment No. 4. This should be done and the Operator so notified. (written letter 8/31/72 giving date)

I am retaining the Field Office copy of Amendment No. 4 as well as the extra copy for field use in this office.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

Government's copy

RECEIVED
AUG 14 1972

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.

OME-6613

AMENDMENT NO. 4

It is agreed this 10th day of August, 1972, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government" and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective July 15, 1972, as follows:

In Exhibit A:

1. Under General Provisions, on page 2, a new paragraph is added at the end to read as follows:

"The Operator at its own cost and expense, without contribution by the Government, shall supply and install such timbering as is required to complete the exploration project in a workmanlike manner."

2. Under Estimated Costs of the Work, Fixed Unit Costs, on page 2, the text is revised to read as follows:

"Fixed Unit Costs 1/

Drifting, 475 feet at $55.00/foot	$26,125.00	
Long-hole drilling 900 feet at $1.75/foot	1,575.00	
Assaying, 120 samples Copper at $3.00/assay Lead, zinc, silver at $1.50 each determination	900.00	
Office Expense 6 months at $50.00/month	300.00	
1 Supervisor-engineer 7.28 months at $750.00/month	5,460.00	
Total Estimated Cost of the Project		$34,360.00
Government Participation at 62 1/2%		$21,475.00

1/ The Government retains no equity in any of the materials used."

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

Except as amended herein Exploration Contract 2287 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Harold Kirkemo
Chief, Office of Minerals Exploration

COLORADO GENEVA INDUSTRIES, INC.

By Sidney M. Baker
Title President

8/9/72 Martin
8/9/72 Grambo
8/10/72 Kirkemo
8/10/72 Weeks
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Government's copy

RECEIVED
JAN - 4 1971
Denver, Colorado

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 3

It is agreed this 30th day of December, 1971, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective December 1, 1971, as follows:

1. (a) Work under the Contract may be suspended during the period beginning December 1, 1971, and ending no later than July 15, 1972.

(b) The Government shall not contribute to any costs incurred during the period of suspension.

(c) The Government shall not contribute to or be liable for any costs of rehabilitation or repair or any other costs which would not have occurred if there had been no suspension of work, or which may arise out of this suspension.

(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 I(a) of the Contract for completion of the work, as amended by Amendment No. 2, is further extended from twenty-four (24) to thirty-six (36) months from the date of the Contract, or to December 17, 1972.

3. The Maximum period for royalty payments as provided in Article 6(b) of the Contract and for the lien to secure payment thereof, as amended by Amendment No. 2, is further extended from eleven (11) to twelve (12) years from the date of the Contract.

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

Except as amended herein Exploration Contract 2287 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Harold Kirkemo
Chief, Office of Minerals Exploration

App'd. Sol. Off.
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Kirkemo 12/29/71
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COLORADO GENEVA INDUSTRIES, INC.

By Sidney M. Baker

Title President

Governme's copy

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 2

It is agreed this 14th day of April, 1971, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613) dated December 17, 1969, as amended by Amendment No. 1, dated September 24, 1970, is further amended effective November 2, 1970, as follows:

1.(a) Work under the contract may be suspended during the period beginning November 3, 1970, and ending no later than July 15, 1971.

(b) The Government shall not contribute to any costs incurred during the period of suspension.

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

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

2. The date fixed by Article I(a) of the contract for completion of the work is extended from twelve (12) to twenty-four (24) months from the date of the contract, or until December 17, 1971.

3. The maximum period for royalty payments as provided in Article 6(b) of the contract and for the lien to secure payment thereof is extended from ten (10) to eleven (11) years from the date of the contract.

This amendment shall not be construed to increase the estimated total cost of the contract, the aggregate amount which the Government may

be required to contribute, the amount of any item designated as maximum, nor the fixed unit cost of any item of work.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Harold Kirkemo
Chief, Office of Minerals Exploration
U. S. Geological Survey

COLORADO GENEVA INDUSTRIES, INC.

By Sidney M. Baker
President

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(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
3/2/71	(~~on leave~~) 3/4/71 Kirberger	120
	Emerick	120
		130
		220
		120M

March 2, 1971

Memorandum

To: The File

From: William L. Emerick
Assistant Chief
Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Justification for Amendment No. 2

The Operator in a letter dated January 14, 1971 requested recess of the project from November 3, 1970 until July 15, 1971 because of deep snow and bad road conditions to the mine, which is at an elevation near 9,000 feet. The Field Officer, Region III, recommends that the request be approved. The request appears justified because start of the project in 1970 was delayed for the same reasons. I concur with the Field Officer's recommendation.

Amendment No. 2 provides for the recess of the project and extends the time for completion and maximum period for royalty payment. The estimated cost of the project remains unchanged.

William L. Emerick

William L. Emerick

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Mr. Emerick

WLEmerick/bsl 3/2/71

Government's Copy

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC
OME-6613

AMENDMENT NO. 1

It is agreed this 24th day of September, 1970, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., that Exploration Contract 2287 (OME-6613), dated December 17, 1969, is amended effective as of the date of this Amendment, as follows:

The time fixed by Article I(a) of the contract for beginning the work is extended two months, or from August 1, 1970, to October 1, 1970.

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

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Harold Kirbemo
Chief, Office of Minerals Exploration
U. S. Geological Survey

COLORADO GENEVA INDUSTRIES, INC.

By Sidney M. Baker

Title President

App'd. Sol. Off. 9/22/

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
9/8/70	Emerick	120
9/8/70	Kirkham	120
		220
		120M

September 8, 1970

Memorandum

To: The File

From: William L. Emerick
Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Justification for Amendment No. 1

The Operator in a letter dated July 29, 1970, requested a change in the starting date of the contract from August 1, 1970 to September 1, 1970, because late spring snowstorms delayed opening of the access road to the mine and, in addition, increased the amount of work necessary to repair the roads. This request was approved by the Field Officer, Region III, who verified the conditions on an interim inspection made on July 21 and 22, 1970.

An amendment changing the starting date from August 1, 1970 to September 1, 1970 was then drawn up but before it was signed, the Operator requested in a letter dated August 29, 1970, that the starting date be further extended to October 1, 1970.

The Operator's letter of August 29, 1970 stated that while the work preliminary to reaching the OME starting point was in progress, a U. S. District Mine Inspector inspected the portal of the adit and told the Operator that the adit needed additional timber and that lagged tunnel sets were required to meet mine safety requirements. The track grade at the mine portal and for a short distance within the tunnel also was found to be unsatisfactory. This additional work resulting from the inspection is presently being accomplished.

Based on the circumstances the Operator's request is justified and it is recommended that the original proposed Amendment No. 1 with a starting date of September 1, 1970 be voided entirely and that Amendment No. 1 be rewritten so that the starting date is changed from August 1, 1970 to October 1, 1970.

William L. Emerick (sl)

William L. Emerick

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File - Mr. Emerick
WLEmerick/bsl 9/8/70

Government's Copy

MME Form 51
July 1965

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
U. S. Geological Survey

EXPLORATION CONTRACT
(Short Form)

Docket	Commodity	Contract No.	County	State
OME-6613	Copper-Silver	2287	Gunnison	Colorado

It is agreed DEC 17 1969 (Date), between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and

Colorado Geneva Industries, Inc.

whose mailing address is 106 Polo Road, Glenwood Springs, Colorado 81601, hereinafter called the "Operator," as follows:

ARTICLE I. Authority and scope.--(a) This contract, entered into under the authority of Public Law 701, 85th Cong., 2d sess. (72 Stat. 700; 30 U.S.C. § 641 - 646), consists of this form, the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed. The work is a search for new or unexplored deposits of the commodity designated above. The Operator shall begin the work on or before August 1, 1970 (Date), and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 12 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the work is $34,360.00 The Government will contribute ~~30~~ 62-1/2 percent of the total fixed unit costs of the work performed, not in excess of $21,475.00 in accordance with the provisions of Articles 4 and 5.

(c) Interest computation.--Simple interest at the rate of 9¼ 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:

SEE ANNEX I

(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:

SEE ANNEX I

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

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

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

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

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

(b) Monthly reports.--The Operator shall provide the Government with four 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 three copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

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

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

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

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

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

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

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the 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 or producer)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator or producer 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 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 in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

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

(f) Notice to purchasers.--The Operator or producer 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 or producer.

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 10. Nondiscrimination in Employment.--The provisions respecting nondiscrimination in employment which are required by section 301 of Executive Order 10925, dated March 6, 1961, as amended and supplemented, are attached hereto as Exhibit B and are hereby incorporated in and made a part of this contract.

ARTICLE 11. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, U. S. Geological Survey, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, U. S. Geological Survey, 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, U. S. Geological Survey, a written appeal addressed to the Secretary of the Interior. 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, U. S. Geological Survey," as used herein includes his duly authorized representative.

ARTICLE 12. Work Hours Act of 1962 - Overtime Compensation.--This contract, to the extent that it is of a character specified in the Work Hours Act of 1962 (Public Law 87-581, 76 Stat. 357-360) and is not covered by the Walsh-Healey Public Contracts Act (41 U.S.C. 35-45), is subject to the following provisions and to all other provisions and exceptions of said Work Hours Act of 1962.

(a) Overtime requirements.--No Operator or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic to be employed on such work in excess of eight hours in any calendar day or in excess of forty hours in any workweek unless such laborer or mechanic receives compensation at a rate of not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any such calendar day or in excess of forty hours in any such workweek, as the case may be.

(b) Violations; liability for unpaid wages; liquidated damages.--In the event of any violation of the clause set forth in subparagraph (a) of this paragraph, the Operator and any subcontractor responsible therefor shall be liable to any affected employee for his unpaid wages. In addition, such Operator and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed, with respect to each individual laborer or mechanic employed in violation of the clause set forth in subparagraph (a) of this paragraph, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in subparagraph (a) of this paragraph.

(c) Withholding for unpaid wages and liquidated damages.--The U. S. Geological Survey may withhold or cause to be withheld, from any moneys payable on account of work performed by the Operator or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Operator or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (b) of this paragraph.

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

ARTICLE 14. Changes and added provisions.--

Executed in quintuplicate the day and year first above written.

COLORADO GENEVA INDUSTRIES, INC.
(Operator)

By Sidney M. Baker

Title President

THE UNITED STATES OF AMERICA

By Frank E. Clark

Acting Director, U. S. Geological Survey

Long
App'd. Sol. Off.
E. Peterson
Stephens-Kilbourne

I, Charles A. HOPKINS (Name), certify that I am the elected secretary of the corporation named as Operator herein; that Sidney M. BAKER (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.

Charles A. Hopkins

CORPORATE SEAL

CONSEJO NACIONAL DE CIENCIA Y TECNOLOGIA

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of twelve (12) patented claims and seven (7) unpatented lode mining claims in secs. 22 and 27, T. 11 S., R. 87 W., Sixth Principal Meridian, Rock Creek Mining District, Gunnison County, Colorado. The claims are shown on Figure 1, entitled "Claim map and proposed exploration, Colorado Geneva Industries, Inc., Gunnison County, Colorado," attached and made part hereof.

The patented lode mining claims are as follows:

Name	Survey No.
Copper King	18606
Copper King No. 6	18606
Copper King No. 7	18606
Copper King No. 8	18606
Copper King No. 9	18606
Copper King No. 10	18606
El Negocio	15328
Winchester	18606
Winchester No. 1	18606
Winchester No. 2	18606
20th Century No. 1	18606
20th Century No. 2	18606

The unpatented lode mining claims are recorded in the Office of the Gunnison County Recorder at Gunnison, Colorado, as follows:

Name	Book	Page
Silver Pass No. 1	387	264
Silver Pass No. 2	387	265
Silver Pass No. 3	387	266
Silver Pass No. 4	387	267
Silver Pass No. 5	387	268
Silver Pass No. 6	387	269
Silver Pass No. 7	387	270

The Operator has an undivided 5% interest in the Winchester and Winchester No. 2 patented claims by virtue of an Assignment and Acceptance executed March 27, 1967, by Sidney M. Baker and Charles A. Hopkins of Treasurer's Deed No. 268237 dated August 15, 1966.

The Operator is in possession of the remaining patented claims under the terms of the above-mentioned Assignment and Acceptance, whereby Sidney M. Baker and Charles A. Hopkins assigned to the Operator their Agreement dated April 20, 1966, with Lee W. Sperry and J. F. Sperry, the claim owners.

The Operator is in possession of the unpatented claims under the terms of the above-mentioned Assignment and Acceptance executed March 27, 1967, by Sidney M. Baker and Charles A. Hopkins, the owners.

Since no exploration utilizing Government funds will be performed on the Winchester and Winchester No. 2 claims, the requirement for Lien and Subordination Agreements is hereby

waived. Lien and Subordination Agreements executed April 29, 1967, by Lee W. Sperry and J. F. Sperry, the owners of the remaining patented claims is attached and made part hereof.

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 – 2287
Contract Date DEC 17 1969

LIEN AND SUBORDINATION AGREEMENTS 1/

To the United States of America:

That certain land in the County of GUNNISON, State of COLORADO,

in a lease, dated April 20, 1966, recorded, book 387, page 252,

described ~~as follows~~: 2/ The 20th Century NO. 1 and No. 2, US Survey # 18606
The Copper King and The Copper King No. 6, No. 7, No. 8, No. 9, No. 10;
US Survey # 18606; The Winchester No. 1, US Survey # 18606;
and The El Negocio, US Survey No. 15328.

hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

COLORADO GENEVA INDUSTRIES, INC. (Colo.), Carbondale, Colorado. 3/

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

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

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

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

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

NONE

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

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

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

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

#6013-0

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

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

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

Dated this 29 day of April, 1967.

Lee W. Sperry Lee W. Sperry	(Seal)	Lee W. Sperry Austin, Colo	(Street) (City &) (State)
J. F. Sperry J. F. Sperry	(Seal)	Austin, Colo.	(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)

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

_____
(Corporate Seal)

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

EXHIBIT A

The purpose of this project is to explore by drifting and long-hole drilling for copper-silver-bearing ore bodies in and along the Copper King vein in the Fort Hays Limestone member of the Mancos Shale Formation of Upper Cretaceous age.

General Provisions

All drifts shall be not less than 5 by 7 feet in cross-section, and shall be timbered as necessary. Mine rail shall not be less than 20-pound size, air line not less than 2-inch diameter, water line not less than 1-inch diameter, and ventilation line not less than 12-inch diameter.

All significantly mineralized areas traversed by the exploratory workings shall be chip or channel sampled normal to their trends at linear intervals of not more than 5 feet. In addition, a representative bulk sample may be taken of each round broken. Significantly mineralized cuttings from the long-holes shall be sampled, and no individual sample shall represent more than 5 linear feet of hole. Each sample from whatever source shall be split as necessary, and one split assayed for copper, lead, silver, and zinc. The remainder of each sample shall be stored in a suitable container for Government inspection and possible use. With prior Government approval, the Operator may dispose of the stored samples.

True copies of the assay certificates of all samples shall be submitted with the Operator's monthly report which shall also include a map or sketch showing the work completed during the reporting period, the location of all samples taken, and the geological formations and structures traversed by the workings.

Prior to undertaking any work authorized under the contract, the Operator at its own cost and expense shall have rehabilitated the Copper King adit from the portal northwesterly approximately 1,100 feet to the face.

No underground workings shall be driven closer than 100 feet to the outer boundary of the claim group shown on Figure 1.

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

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

Description of the Work

The work shall consist of drifting from the face of the rehabilitated adit in a northwesterly direction along the strike of the Copper King vein, and long-hole drilling both the hanging and foot walls of the drift to test the extent of mineralization. The long-holes shall be spaced at intervals of not less than 25 feet along each wall, and shall not exceed 25 feet in depth. It is estimated that 475 feet of drifting, and 900 feet of long-hole drilling will be required. The proposed drift is shown on Figure 1.

Estimated Costs of the Work

Fixed Unit Costs 1/

Drifting, 475 feet @ $55.00/foot	$26,125.00
Timbering drifts, 80 feet @ $12.00/foot	960.00
Long-hole drilling, 900 feet @ $1.75/foot	1,575.00
Assaying, 120 samples	900.00
Copper @ $3.00/assay	
Lead, zinc, and silver @ $1.50 each determination	
Office expenses, 6 months @ $50.00/month	300.00

1-Supervisor-engineer, 6 months @ $750.00/month	$ 4,500.00	
Total Estimated Cost of the Project		$34,360.00
Government Participation @ 62-1/2%		$21,475.00

1/ The Government retains no equity in any of the materials used.

EXHIBIT B

NONDISCRIMINATION IN EMPLOYMENT

(Section 202, Executive Order 11246, September 24, 1965)

"During the performance of 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 labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, 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. 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

'(5) The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

'(6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated, or suspended 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. 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

'(7) The contractor will include the provisions of Paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.'"

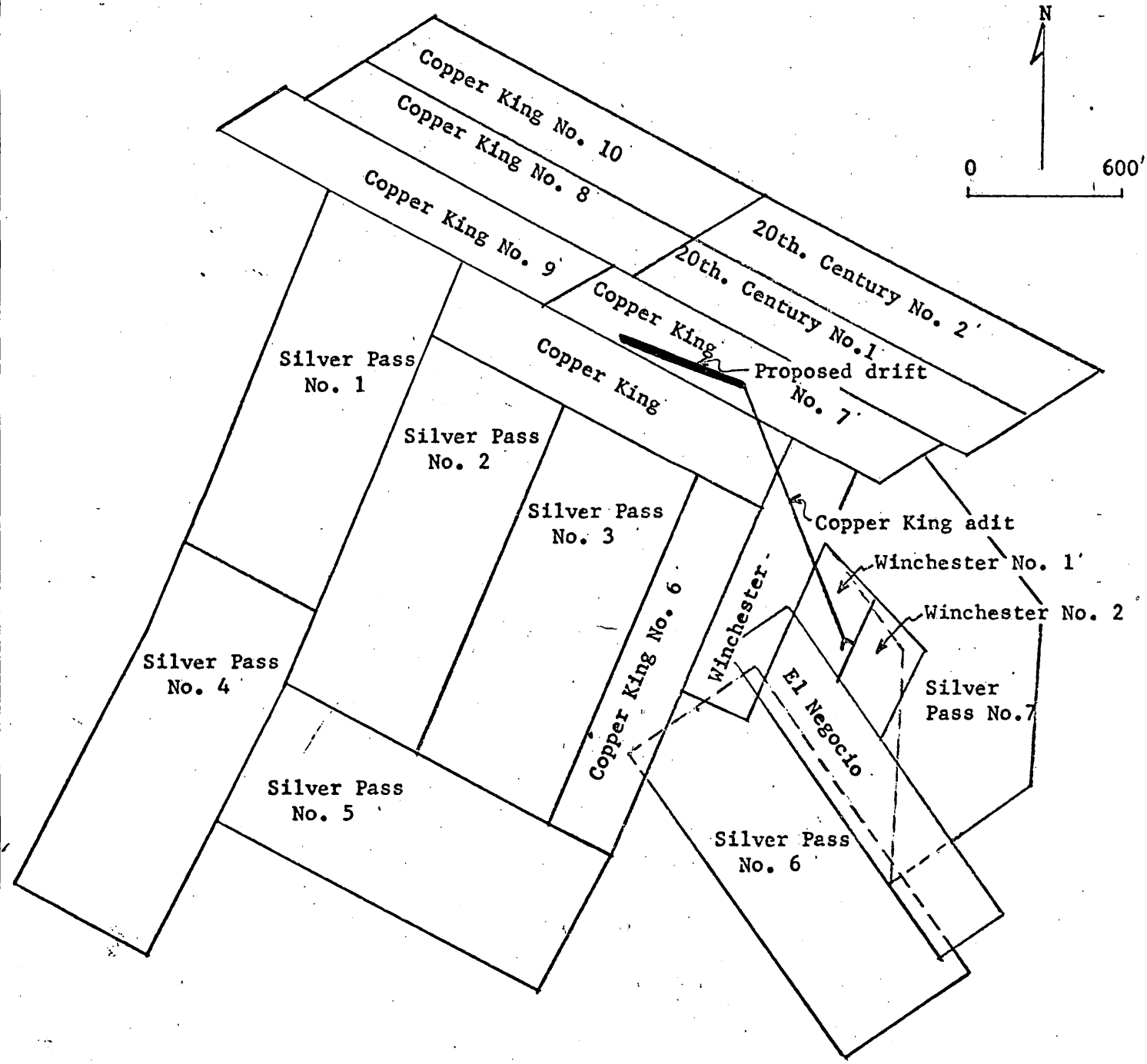


Figure 1. Claim map and proposed exploration, Colorado Geneva Industries, Inc., Gunnison County, Colorado

WELDED STEEL PIPE
IRRIGATION SUPPLIES

CORRUGATED STEEL PIPE
WATER WORKS EQUIPMENT

STAINLESS STEEL TANKS
INDUSTRIAL FABRICATION

THOMPSON PIPE & STEEL Company

30TH AND LARIMER STREETS DENVER TELEPHONE 292-4080

Colo. General Ind. Inc.
6-11-69

OME, Denver

Dear Mr. Hassler:

Inclosed print of Winchester & Winchester #2 Pat. Claims (50% Int. in each), Per request

V.T.Y.

Jack Hopkins
c/o Cu King Prop.

Get the facts first on **KOA Radio.**
Forty newscasts each day at **850** on the dial.

OME Region III
RECEIVED
JUN 13 1969
Denver, Colorado

INDEXED JM AND ABSTRACTED

PHOTOSTATED

No. 268237

TREASURER'S DEED

FROM

AURELIA M. WELCH
County Treasurer.

TO

SIDNEYM BAKER
106 Polo Road
Glenwood Springs, Colo.

STATE OF COLORADO,
County of Gunnison } ss.

I hereby certify that this Deed was filed for record in my office at 3:45 o'clock P. M., August 15, 1966 19 and is duly recorded in Book 390 PAGE 223 Page 1

Celia V. Crema
Recorder.

By J.W. Meyers
Deputy.

FEES, $

WHEN RECORDED RETURN TO

Aurelia M. Welch

County Treasurer

THE C. F. HOECKEL CO., DENVER

Filed for record the 15th day of August, A. D. 66, at 3:45 o'clock P. M. ..... RECORDER.

Reception No. 258237 By Celia V. Crews DEPUTY.

Know all Men by these Presents, That, whereas, the following described real property, viz:

5% Winchester and 5% Winchester No. 2, Both U.S. Survey No. 18606, lode mining claims, situated in Rock Creek Mining District

situated in the County of Gunnison and State of Colorado, was subject to taxation for the year (or years) A. D. 19 58

And, Whereas, The taxes assessed upon said property for the 1958 year (or years) aforesaid remained due and unpaid at the date of the sale hereinafter named;

And, Whereas, The Treasurer of the said County did, on the 12th day of December, A. D. 19 59, by virtue of the authority vested in him by law, at the sale begun and publicly held on the 12th day of December A. D. 19 59, expose to public sale at the office of the Treasurer in the County aforesaid, in substantial conformity with the requirements of the statute in such case made and provided, the real property above described for the payment of the taxes, penalty interest, and costs then due and remaining unpaid on said property;

~~And, Whereas, At the time and place aforesaid,~~ ..... of the County of ..... and ..... of ..... bid on all of the above described property the sum of ..... DOLLARS, and ..... CENTS, being the whole amount of taxes, penalty interest, and costs then due and remaining unpaid upon said property for said year....., and the said ..... having offered in his said bid to accept interest upon the said sum at the rate of ..... per cent. per annum for the first six months, and at the rate of ..... per cent. per annum for the next six months, and thereafter at the rate of ..... per cent. per annum, and the said rate of interest being the lowest rate of interest at which any person offered to pay the said taxes, penalty interest, and costs so due upon said property for said year....., and payment of the said sum having been made by him to the said Treasurer, the said property was stricken off to him at that price;

***And, Whereas,** The said ..... did, on the ..... day of ....., A. D. 19....., duly assign the certificate of the sale of the property as aforesaid, and all his rights, title, and interest in said property, to ..... of the County of ....., and ..... of .....

***And, Whereas,** The said Treasurer of Gunnison County did, on the 11th day of May, A. D. 1966 duly assign the certificate of the sale of the property as aforesaid, and all his rights, title, and interest in said property, to Sidney M. Baker of the County of Gunnison, and State of Colorado;

***And, Whereas,** At the sale so held as aforesaid by the Treasurer, no bids were offered or made by any person or persons for the said property, and no person or persons having offered to pay the said taxes, penalty interest, and costs upon the said property for said year....., and the Treasurer having become satisfied that no sale of said property could be had, therefore the said property was, by the then Treasurer of the said County, stricken off to the said County, and a certificate of sale was duly issued therefor to the said County, in accordance with the statute in such case made and provided;

***And, Whereas,** The said ..... County, acting by and through its Treasurer, and in conformity with the order of the Board of County Commissioners of the said County, duly entered of record on the ..... day of ....., A. D. 19....., (the said day being one of the days of a regular session of the Board of County Commissioners of the said County), did duly assign the certificate of sale of said property, so issued as aforesaid to said County, and all its rights, title, and interest in said property held by virtue of said sale;

***And, Whereas,** The said ..... did, on the ..... day of ....., A. D. 19....., duly assign the certificate of the sale of the property as aforesaid, and all his rights, title, and interest in said property, to ..... of the County of ..... and ..... of .....;

***And, Whereas,** The said Sidney M. Baker has paid subsequent taxes on said property to the amount of Forty-four DOLLARS and Ninety CENTS;

And, Whereas, More than three years have elapsed since the date of the said sale, and the said property has not been redeemed therefrom as provided by law;

And, Whereas, The said property was valued for assessment said year..... at the amouut of $20.00

And, Whereas, All the provisions of the statutes prescribing prerequisites to obtaining tax deeds have been fully complied with, and are now of record, and filed in the office of the Treasurer of said County;

Now, Therefore, I, Aurelia M. Welch Treasurer of the County aforesaid, for and in consideration of the sum to the Treasurer paid as aforesaid, and by virtue of the statute in such case made and provided, have granted, bargained, and sold, and by these presents do grant, bargain, and sell the above and foregoing described real estate unto the said Sidney M. Baker his heirs and assigns, forever, subject to all the rights of redemption by minors, or incompetent persons, as provided by law.

In Witness Whereof, I, Aurelia M. Welch Treasurer as aforesaid, by virtue of the authority aforesaid, have hereunto set my hand and seal this 15th day of August, A. D. 19 66.

AURELIA M. WELCH OFFICIAL SEAL GUNNISON COUNTY

Certificate No. S 2145-2146 Book No. 13 Tax Sale Record.

Aurelia M. Welch
Treasurer.

*Strike out in accordance with fact.

STATE OF COLORADO, }ss.
County of Gunnison

The foregoing instrument was acknowledged before me this 15th day of August 1966 by Aurelia M. Welch as treasurer of said county.

Witness my hand and official seal.

My commission expires MY COMMISSION EXPIRES JAN. 8, 1967

(Official Seal)

Celia V. Crews
County Clerk and Recorder

OME Region III RECEIVED JUN 13 1969 Denver, Colorado

COLORADO GENEVA INDUSTRIES INC.
106 Polo Road
Glenwood Springs, Colo. 81601
May 15, 1969

OFFICIAL
O. M. E.
RECEIVED
JUN 5 1969
INITIALS CODE
130
120
120 P

OME Region III
RECEIVED
MAY 28 1969
Denver, Colorado

Mr. James L. Gualtieri, Geologist
United States Department of the Interior
Geological Survey, Office of Minerals Exploration
Room 200, Bldg. 53
Federal Center
Denver, Colorado 80225

SUBJECT: O.M.E. 6613 (Silver)
Colo. Geneva Ind. Inc.
Copper King Project
Gunnison County, Colo.

Dear Mr. Gualtieri:

In responce to your letter of February 3rd. and my visit to your office in March, I am submitting a revised request for exploration assistance on the Copper King Project. Mr Hopkins and I believe that we should extend any exploration drifting to approximately the center of the vein as it now outcrops on the surface. This would mean 650 to 700 feet of drifting from the Copper King adit rather than 500 feet as suggested in your letter. I am also making allowances for some raising on the vein, wenzes and short cross-cuts for drilling locations which would all be part of stage II. I believe this is in line with Mr. Hassler's ideas when I consulted with the two of you in March, and I fully agree that our position or location in relation to the Lead King limestone, due to faulting or dip may not be known at that point without part or all of stage II.

Our very high cost per foot for diamond drilling last summer, ($14.93 per foot for A-core), and the fact that the vein is nearly vertical which would necessitate fairly deep holes at a bad angle from the surface, has convinced me that the best possible information that we could get would be from drifting. With this in mind I respectfully submit the following revised proposal which would be in stages, each succeeding stage dependent on the results of the previously completed stage.

Sincerely yours,

Sidney M. Baker

Sidney M. Baker, President
COLORADO GENEVA INDUSTRIES INC.

STAGE I

1) 700 feet of drifting on the Copper King Vein from the Copper King adit.

2) 1400 feet of either coreing or long-hole drilling to test the footwall and hangwall sides of the vein. This drilling would consists of short 25 foot holes into the footwall and hangwall at 25 foot intervals.

STAGE II

(Approval of Stage II or any part of Stage II would depend on results of Stage I and the location of the drift in relation to the most favorable horizon, the Ft. Hays or Lead King Limestone)

1) 200 feet of raise, consisting of two (2) raises, 100 feet apart and each 100 feet high.

2) 100 feet of wenze.

3) 100 feet of crosscuts for favorable drill locations on high angle vein, should we be above the lime on the main drift.

4) 400 feet of diamond drilling----four (4) 100 foot holes from short cross cuts to test vein below or above the drift level.

STAGE I (Prelimanary)

1) Clean out portal-site of Copper King Tunnel and timber entrance for a distance of 50 feet. Preparation of area at portal-site.

2) Lay approximately 900 feet of 4 inch airline.

3) Lay approximately 900 feet of 1 inch water line.

4) Lay approximately 900 of 12 inch air duct.

5) Lay ties and 1000 feet of 18 inch gage, 20 pound rail.

6) Installation of 1000 feet of electric line.

7) Construct 20'x 20' sheet-iron Change House.

8) Construct powder magazine.

9) Construct 10'x10' tool storage house of sheet-iron.

10) Move compressor, generator, ventillation fan, etc. into position.

COST FOR PRELIMINARY OF STAGE I

1)	a. 1 D-8 Cat @ $20.00/hr.--2 days	$ 320.00	
	b. 1 D-4 Cat Loader @ $12.00/hr.--2 days	$ 192.00	
	c) Timber entrance--50 ft. @ $12.00/ft.	$ 600.00	
	Total		$ 1200.00
2.)	900 ft. of 4" air line @ $90.00/100ft.	$ 810.00	
3)	900 ft. of 1" waterline @ $30.00/100ft.	$ 270.00	
4)	900 ft. of 12" air duct @ $95.00/100ft.	$ 855.00	
5)	333 ties--2.5'ea. @ 12¢/ft.	$ 100.00	
6)	1000' of 20 lb. rail @ $225.00/ton	$1500.00	
7)	Construction of 20'x20' sheet-iron change house	$1000.00	
8)	Construction of 10'x10' tool storage house	$ 600.00	

9)	Construction of Powder magazine	$ 600.00	
10)	Install 1000' of 3-lead thinwall conduit electric line	$ 600.00	
11)	10 men @ $30.00/day ea.--5 days	$1500.00	
12)	Supervisor--1 man @ $5.00/hr--5 days	$ 200.00	
13)	F.I.C.A., Ins., Workman's Comp. @ 12.5 % of labor	$ 212.00	
	Total		$8247.00
	TOTAL COST PRELIMINARY STAGE I		$9,447.00

NOTE: The Government will participate in the cost of the preliminary stage I, (rehilibation of Copper King Tunnel), only if sufficient funds are available after Julyl, 1969, as per your letter of February 3, 1969.

STAGE I

Drifting

A).
700 ft., 7' x 7' clear of timber. Estimated rate of 7' per shift. 2 shifts per day, 21 days per month, 2½ months required. 26 holes per 7' round.

Long Hole drilling

B).
25 ft. holes at 25 ft. intervals in both the hang wall and the foot wall. Estimated rate of 100 ft. per day. required time of 14 days. 1400 ft. total drilling.

1. Independent Contracts

Drifting	$41,923.00
Longholeing	$ 4,536.00
TOTAL	$46,459.00

2. Labor and Supervision (per shift)

4 miners at $32.00/ shift-------$128.00		
1 trammer @$32.00/ shift-------$ 32.00		
1 helper @ $28.00/ shift-------$ 28.00		
		$188.00
1 engineer-supervisor, @ 1/45 month @$900.00/ mo.		$ 20.00
F.I.C.A., ins., workmen's Comp., etc.	13%	$ 27.04
	Total	$235.04
At 7 ft./shift		$ 33.58/ft.

3. Operating Materials and Supplies (per 7 ft. round.)

100 lbs powder at $24.25/100 lbs.	$ 24.25
26 caps 0 to 6 delay at $0.32 ea.	$ 8.32
7 ft. 1" water line @ 30¢/ft.	$ 2.10
7 ft. 4" air line @ 90¢/ft.	$ 6.30
⅔ ft. 1" water hose @ $1.00/ft.	$ .50
½ ft. 2" air hose with fittings @ $2.50/ft.	$ 1.25
40 gal. diesel fuel @ 18¢/gal.	$ 7.20
5 gal gasoline @ 27¢/gal.	$ 1.35
oil & greases @ 15% of fuel cost	$ 1.28
7 ft. 12" air vent line @ 95¢/ft.	$ 6.65
3 ties @ 36¢ ea.	$ 1.08

14 ft. of 20 lb. rail @ $1.50/ft.	$ 13.50
spikes, bolts, nuts, connecting plates, etc.	$ 1.44
Drill steel & Bits @ $3.00/shift	$ 3.00
Electric line 7ft @ 65¢/ft	$ 4.55
Welding Supplies @ 5¢/ft	$ .35
Freight & Express @ 5¢/ft	$ .35
Rubber Rain gear, boots, hats, belts, safety equipment, etc	$ 3.00
Small tools & miscellaneous/shift	$ 2.25
Repair parts, drills, mucker, hoses/shift	$ 1.00
Compressor, generator, parts and repairs/shift	$ 2.50
Total	$ 91.22
At 7 ft./shift	$ 13.03/ft.

4. Operating Equipment

Owned by Applicant	Present Fair Value		Allowed Monthly Deprec. @ 1/60
1 welder	$1000.00		$16.65
1 receiver tank	$ 200.00		$ 3.33
4 21 cuft cars ea.	$ 150.00	4 @	$10.00
1 Timber car	$ 50.00		$ .83
Small tools, axes, picks, hammers, shovels mechanics tools	$1000.00		$16.66
Bull hoses, air hoses, water hoses, fittings	$ 500.00		4.33
		Total	$55.12

5. To be Purchased

	Cost		Less 50% No Salvage
2 Airlegs & hammers @	$1100.00 ea.		$1100.00
1 Air Fan & Motor @	$1500.00		$ 750.00
10 Lamps & Chargers @	$ 60.00 ea.		$ 300.00
1 Bit Grinder @	$1000.00		$ 500.00
		Total	$2650.00

To be Rented		Monthly Rental
1 12-B Eimco Mucker @ $290.00/mo.	2½mo.	$ 725.00
1 Air Trammer @ $250.00/mo.	"	$ 625.00
1 Generator set @ $250.00/mo.	"	$ 625.00
8 Mine Cars @ $50.00 ea	"	$1000.00
1 600 cuft Compressor @ $800.00/Mo.	"	$2000.00
	Total	$4975.00

5. Rehabilitation and Repairs

(See Preliminary Stage I)

6. New Buildings

(See Preliminary Stage I)

7. Miscellaneous

Accounting @	$ .50/ft	$ 350.00
Technical @	$1.00/ft	$ 700.00
Assaying @	$ .68/ft	$ 476.00
	Total	$1526.00

Cost per foot for drifting $ 33.5[illegible]

Labor/ft	$ 33.58
Supplies/ft	$ 13.03
Purchased equipment/ft	$ 3.79
Rental/ft.	$ 7.11
Owned by applicant/ft	$ .20
Technical	$ 1.00
Accounting	$ .50
Assaying	$ .68
Total/ft.	$ 59.89

(Sum of 2 through 4 is unit cost for drifting)

Labor & Supervision/ft.	$ 33.58
Operating Materials & Supplies/ft.	$ 13.03
Owned by applicant/ft.	$ .20
Total/ft.	$ 46.81

STAGE I

Long-hole drilling

B)
1400 feet of Long-hole drilling consisting of 25 ft. holes @ 25 ft. intervals on both the hangwall and footwall sides of the vein.

100 ft./day------14 days total drilling time.

1. Labor and Supervision

2 men @ $25.00 ea	14 days	$ 700.00
Supervision @ $20.00/day		$ 280.00
F.I.C.A., Workmen's Comp., ins., etc. @ 13%		$ 127.40
	Total	$1107.40

2. Supplies and materials

Diesel for Compressor & Gen. @ 18¢/gal		$ 100.81
Gas @ 27¢/gal		$ 54.00
Greases & oils @ 15% of fuel		$ 23.22
Drill steel and Bits		$ 200.00
Freight & Express @ 5¢/ft.		$ 70.00
Repair Parts, hoses, etc. @ 14¢/ft		$ 196.00
Air Hose		$ 150.00
Water hose		$ 50.00
	Total	$ 844.03

3. Equipment Rental

Compressor Rental @ ½ mo.	$ 400.00
Generator @ ½ mo.	$ 125.00

4. Assaying

Copper @ $3.00 ea.
Lead @ $1.50 ea.
Zinc @ $1.50 ea.
Silver @ $1.50 ea.

Assaying for Copper, Lead, Zinc, and Silver at 5 ft. or as deemed necessary and for each of the above minerals as necessary.

$$\frac{1400' \times \$7.00}{5'} \qquad \$1960.00$$

Total cost for Long-hole drilling.

Labor	$1107.40
Supplies	$ 844.03
Rental	$ 625.00
Assays	$1960.00
Total	$4536.43

Cost per foot (See footnote) * $ 3.24/ft

* (If some of the Long-hole drilling can be done while driving the drift, then corresponding cost of Supervision and rental equipment will be reduced considerably.)

Timbering

It is estimated that no timbering will be required in this exploration project in as far as new drifting is concerned. This estimation is based on the fact that the old tunnels of which there are several in the district are just as sound structurally as they were when first driven over 50 years ago. These old tunnels had a set or two at the entrance only.

Should some unusually large stations be excavated, the situation may require some timbering but such is not anticipated at present. In the event that timbering is required, we can expect a cost of $12.00 per foot based on local prices for posts, caps, collar braces, blocks, wedges, lagging and local labor.

STAGE II

A. 2 --100 ft. 6'x8' raises 100 ft. apart.

1)	Excavation--Approx. the same as drifting expendatures @ $59.89/ft.	$11,978.00
2)	Stageing & Timbering @ $12.00/ft.	$ 2,400.00
	Total	$14,378.00

Cost per foot $71.89

B. 100 feet of wenze 6'x8'

1)	Excavation @ $59.89/ft.	$ 5,989.00
2)	Staging & Timbering @ $12.00/ft.	$ 1,200.00
3)	Additional Labor:	
	a. Hoistman @ $32.00/shift--1 mo.	$ 672.00
	b. Shaftman @ $28.00/shift--1 mo.	$ 588.00
	c. F.I.C.A., Ins., Workmen's Comp., etc. @ 13%	$ 163.80
	Total	$ 1,423.80
4)	Rental on equipment:	
	a. mucker @ $400.00/mo.	$ 400.00
	b. Hoist @ $500.00/mo.	$ 500.00
	Total	$ 900.00
5)	Additional Supplies:	
	a. Power @ $3.00/ft.	$ 300.00
	b. Wire rope @ 60¢/ft.--200ft.	$ 120.00
	c. Communications equipt @ 50¢/ft.	$ 50.00
	d. Ore Bucket	$ 150.00
	e. Parts for mucker, hoist @ $1.00/ft	$ 100.00
	Total	$ 720.00

Total cost of wenze $10,233.00

Cost per foot $102.33

C. 100 feet of Cross-cuts & Drill Stations

1)	100' @ $59.89/ft, same as drift cost	$ 5,989.00

Cost per foot $59.89

D. 4 100 ft. Diamond Drill Holes.

1) Previous cost for D.D. hole, A core from surface @ $14.93/ft		$ 5,972.00
2) Conversion of drill from gas to electric or air drive		$ 2,000.00
3) Assaying @ 5' intervals	$\frac{400' \times \$7.00}{5'}$	$ 560.00
4) Core boxes @ 10¢/ft.		$ 40.00
Total		$ 8,572.00

Cost per foot $21.43

STAGE II

Total Cost

A) 2----100' raises	$14,378.00
B) 1----100' wenze	$10,233.00
C) 100' cross-cuts & drill stations	$ 5,989.00
D) 4----100' D.D. Holes	$ 8,572.00
TOTAL COST	$39,172.00

TOTAL COST ANALYSIS

Preliminary Stage I		$ 9,447.00
Stage I		$ 46,459.00
Stage II		$ 39,172.00
	Total	$ 95,078.00

62½%

COLO. GENEVA'S SHARE		GOVERNMENT SHARE
$ 9,447.00	Preliminary Stage I	$ 0.00 **
$17,422.12	Stage I	$29,036.88
$14,689.50	Stage II	$24,482.50
$41,558.62	TOTAL	$53,519.38

** The Government will participate in Preliminary Stage I only if there are sufficient funds after July 1, 1969.

COLORADO GENEVA INDUSTRIES INC.
106 Polo Road
Glenwood Springs, Colo. 81601
May 15, 1969

OME Region III
RECEIVED
MAY 28 1969
Denver, Colorado

Mr. James L. Gualtieri, Geologist
United States Department of the Interior
Geological Survey, Office of Minerals Exploration
Room 200, Bldg. 53
Federal Center
Denver, Colorado 80225

SUBJECT: O.M.E. 6613 (Silver)
Colo. Geneva Ind. Inc.
Copper King Project
Gunnison County, Colo.

Dear Mr. Gualtieri:

In responce to your letter of February 3rd. and my visit to your office in March, I am submitting a revised request for exploration assistance on the Copper King Project. Mr Hopkins and I believe that we should extend any exploration drifting to approximately the center of the vein as it now outcrops on the surface. This would mean 650 to 700 feet of drifting from the Copper King adit rather than 500 feet as suggested in your letter. I am also making allowances for some raising on the vein, wenzes and short cross-cuts for drilling locations which would all be part of stage II. I believe this is in line with Mr. Hassler's ideas when I consulted with the two of you in March, and I fully agree that our position or location in relation to the Lead King limestone, due to faulting or dip may not be known at that point without part or all of stage II.

Our very high cost per foot for diamond drilling last summer, ($14.93 per foot for A-core), and the fact that the vein is nearly vertical which would necessitate fairly deep holes at a bad angle from the surface, has convinced me that the best possible information that we could get would be from drifting. With this in mind I respectfully submit the following revised proposal which would be in stages, each succeeding stage dependent on the results of the previously completed stage.

Sincerely yours,

Sidney M. Baker

Sidney M. Baker, President
COLORADO GENEVA INDUSTRIES INC.

FIRST NATIONAL BANK
GLENWOOD SPRINGS, COLORADO 81601

K. WM. GEIB
EXECUTIVE VICE PRESIDENT

May 15th, 1969

Colorado Geneva Industries, Inc.
c/o Charles A. Hopkins, Secretary
1840 Grand Avenue
Glenwood Springs, Colorado 81601

Gentlemen:

Your application for a loan of $80,000.00 for a period of years sufficient to develope commercial ores has received the attention of our Discount Committee and we regret to inform you that the bank does not make mining and exploration loans, therefore, your request for a loan of $80,000.00 has been denied.

Yours very truly,

K.W. Geib

Exec. Vice Pres.

KWG:JER

The BANK OF Glenwood

GLENWOOD SPRINGS, COLORADO
81601

D. S. DYKSTRA
EXECUTIVE VICE PRESIDENT

May 16, 1969

Colorado Geneva Industries, Inc.
Mr. Charles A. Hopkins, Secretary
1840 Grand Avenue
Glenwood Springs, Colorado 81601

Dear Mr. Hopkins:

Thank you for your letter of May 13 applying for an $80,000 loan to further your mining interests.

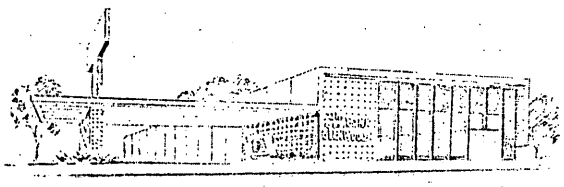
We are very sorry we cannot extend such a loan to you at this time as our correspondent banks are not interested in this type of loan and we have not had experience in loans of this nature ourselves.

Sincerely,

D. S. Dykstra

D. S. Dykstra
Executive Vice President

DSD/llb



STAGE I

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2) 1400 feet of either coreing or long-hole drilling to test the footwall and hangwall sides of the vein. This drilling would consists of short 25 foot holes into the footwall and hangwall at 25 foot intervals.

STAGE II

(Approval of Stage II or any part of Stage II would depend on results of Stage I and the location of the drift in relation to the most favorable horizon, the Ft. Hays or Lead King Limestone)

1) 200 feet of raise, consisting of two (2) raises, 100 feet apart and each 100 feet high.

2) 100 feet of wenze.

3) 100 feet of crosscuts for favorable drill locations on high angle vein, should we be above the lime on the main drift.

4) 400 feet of diamond drilling----four (4) 100 foot holes from short cross cuts to test vein below or above the drift level.

STAGE I (Prelimanary)

1) Clean out portal-site of Copper King Tunnel and timber entrance for a distance of 50 feet. Preparation of area at portal-site.

2) Lay approximately 900 feet of 4 inch airline.

3) Lay approximately 900 feet of 1 inch water line.

4) Lay approximately 900 of 12 inch air duct.

5) Lay ties and 1000 feet of 18 inch gage, 20 pound rail.

6) Installation of 1000 feet of electric line.

7) Construct 20'x 20' sheet-iron Change House.

8) Construct powder magazine.

9) Construct 10'x10' tool storage house of sheet-iron.

10) Move compressor, generator, ventillation fan, etc. into position.

COST FOR PRELIMINARY OF STAGE I

1)	a. 1 D-8 Cat @ $20.00/hr.--2 days	$ 320.00	
	b. 1 D-4 Cat Loader @ $12.00/hr.--2 days	$ 192.00	
	c) Timber entrance--50 ft. @ $12.00/ft.	$ 600.00	
	Total		$ 1200.00
2.)	900 ft. of 4" air line @ $90.00/100ft.	$ 810.00	
3)	900 ft. of 1" waterline @ $30.00/100ft.	$ 270.00	
4)	900 ft. of 12" air duct @ $95.00/100ft.	$ 855.00	
5)	333 ties--2.5'ea. @ 12¢/ft.	$ 100.00	
6)	1000' of 20 lb. rail @ $225.00/ton	$1500.00	
7)	Construction of 20'x20' sheet-iron change house	$1000.00	
8)	Construction of 10'x10' tool storage house	$ 600.00	

9)	Construction of Powder magazine	$ 600.00	
10)	Install 1000' of 3-lead thinwall conduit electric line	$ 600.00	
11)	10 men @ $30.00/day ea.--5 days	$1500.00	
12)	Supervisor--1 man @ $5.00/hr--5 days	$ 200.00	
13)	F.I.C.A., Ins., Workman's Comp. @ 12.5 % of labor	$ 212.00	
	Total		$8247.00
	TOTAL COST PRELIMINARY STAGE I		$9,447.00

NOTE: The Government will participate in the cost of the preliminary stage I, (rehilibation of Copper King Tunnel), only if sufficient funds are available after Julyl, 1969, as per your letter of February 3, 1969.

STAGE I

Drifting

A).
700 ft., 7' x 7' clear of timber. Estimated rate of 7' per shift. 2 shifts per day, 21 days per month, 2½ months required. 26 holes per 7' round.

Long Hole drilling

B).
25 ft. holes at 25 ft. intervals in both the hang wall and the foot wall. Estimated rate of 100 ft. per day. required time of 14 days. 1400 ft. total drilling.

1. Independent Contracts

Drifting	$41,923.00
Longholeing	$ 4,536.00
TOTAL	$46,459.00

2. Labor and Supervision (per shift)

4 miners at $32.00/ shift-------$128.00		
1 trammer @$32.00/ shift-------$ 32.00		
1 helper @ $28.00/ shift-------$ 28.00		
		$188.00
1 engineer-supervisor, @ 1/45 month @$900.00/ mo.		$ 20.00
F.I.C.A., ins., workmen's Comp., etc.	13%	$ 27.04
	Total	$235.04
At 7 ft./shift		$ 33.58/ft.

3. Operating Materials and Supplies (per 7 ft. round.)

100 lbs powder at $24.25/100 lbs.	$ 24.25
26 caps 0 to 6 delay at $0.32 ea.	$ 8.32
7 ft. 1" water line @ 30¢/ft.	$ 2.10
7 ft. 4" air line @ 90¢/ft.	$ 6.30
⅓ ft. 1" water hose @ $1.00/ft.	$ .50
½ ft. 2" air hose with fittings @ $2.50/ft.	$ 1.25
40 gal. diesel fuel @ 18¢/gal.	$ 7.20
5 gal gasoline @ 27¢/gal.	$ 1.35
oil & greases @ 15% of fuel cost	$ 1.28
7 ft. 12" air vent line @ 95¢/ft.	$ 6.65
3 ties @ 36¢ ea.	$ 1.08

14 ft. of 20 lb. rail @ $1.50/ft.	$ 13.50
spikes, bolts, nuts, connecting plates, etc.	$ 1.44
Drill steel & Bits @ $3.00/shift	$ 3.00
Electric line 7ft @ 65¢/ft	$ 4.55
Welding Supplies @ 5¢/ft	$ .35
Freight & Express @ 5¢/ft	$ .35
Rubber Rain gear, boots, hats, belts, safety equipment, etc	$ 3.00
Small tools & miscellaneous/shift	$ 2.25
Repair parts, drills, mucker, hoses/shift	$ 1.00
Compressor, generator, parts and repairs/shift	$ 2.50
Total	$ 91.22
At 7 ft./shift	$ 13.03/ft.

4. Operating Equipment

Owned by Applicant	Present Fair Value		Allowed Monthly Deprec. @ 1/60
1 welder	$1000.00		$16.65
1 receiver tank	$ 200.00		$ 3.33
4 21 cuft cars ea.	$ 150.00	4 @	$10.00
1 Timber car	$ 50.00		$ .83
Small tools, axes, picks, hammers, shovels mechanics tools	$1000.00		$16.66
Bull hoses, air hoses, water hoses, fittings	$ 500.00		4.33
		Total	$55.12

5. To be Purchased

	Cost		Less 50% No Salvage
2 Airlegs & hammers @	$1100.00 ea.		$1100.00
1 Air Fan & Motor @	$1500.00		$ 750.00
10 Lamps & Chargers @	$ 60.00 ea.		$ 300.00
1 Bit Grinder @	$1000.00		$ 500.00
		Total	$2650.00

To be Rented		Monthly Rental
1 12-B Eimco Mucker @ $290.00/mo.	2½mo.	$ 725.00
1 Air Trammer @ $250.00/mo.	"	$ 625.00
1 Generator set @ $250.00/mo.	"	$ 625.00
8 Mine Cars @ $50.00 ea	"	$1000.00
1 600 cuft Compressor @ $800.00/Mo.	"	$2000.00
	Total	$4975.00

5. Rehabilitation and Repairs

(See Preliminary Stage I)

6. New Buildings

(See Preliminary Stage I)

7. Miscellaneous

Accounting @	$ .50/ft	$ 350.00
Technical @	$1.00/ft	$ 700.00
Assaying @	$ .68/ft	$ 476.00
	Total	$1526.00

Cost per foot for drifting

Labor/ft	$ 33.58 — Supervision 6.3
Supplies/ft	$ 13.03
Purchased equipment/ft	$ 3.79
Rental/ft.	$ 7.11
Owned by applicant/ft	$ .20
Technical	$ 1.00
Accounting	$ .50
Assaying	$ .68
Total/ft.	$ 59.89

(Sum of 2 through 4 is unit cost for drifting)

Labor & Supervision/ft.	$ 33.58
Operating Materials & Supplies/ft.	$ 13.03
Owned by applicant/ft.	$ .20
Total/ft.	$ 46.81

STAGE I

Long-hole drilling

B)
1400 feet of Long-hole drilling consisting of 25 ft. holes @ 25 ft. intervals on both the hangwall and footwall sides of the vein.

100 ft./day-----14 days total drilling time.

1. Labor and Supervision

2 men @ $25.00 ea	14 days	$ 700.00
Supervision @ $20.00/day		$ 280.00
F.I.C.A., Workmen's Comp., ins., etc. @ 13%		$ 127.40
	Total	$1107.40

2. Supplies and materials

Diesel for Compressor & Gen. @ 18¢/gal		$ 100.81
Gas @ 27¢/gal		$ 54.00
Greases & oils @ 15% of fuel		$ 23.22
Drill steel and Bits		$ 200.00
Freight & Express @ 5¢/ft.		$ 70.00
Repair Parts, hoses, etc. @ 14¢/ft		$ 196.00
Air Hose		$ 150.00
Water hose		$ 50.00
	Total	$ 844.03

3. Equipment Rental

Compressor Rental @ ½ mo.	$ 400.00
Generator @ ½ mo.	$ 125.00

4. Assaying

Copper @ $3.00 ea.
Lead @ $1.50 ea.
Zinc @ $1.50 ea.
Silver @ $1.50 ea.

Assaying for Copper, Lead, Zinc, and Silver at 5 ft. or as deemed necessary and for each of the above minerals as necessary.

$$\frac{1400' \times \$7.00}{5'} \qquad \$1960.00$$

Total cost for Long-hole drilling.

Labor	$1107.40 565
Supplies	$ 844.03 681
Rental	$ 625.00 585
Assays	$1960.00
Total	$4536.43

~~1107~~
791
844
810
1975

Cost per foot (See footnote) * $ 3.24/ft

17945

* (If some of the Long-hole drilling can be done while driving the drift, then corresponding cost of Supervision and rental equipment will be reduced considerably.)

Timbering

It is estimated that no timbering will be required in this exploration project in as far as new drifting is concerned. This estimation is based on the fact that the old tunnels of which there are several in the district are just as sound structurally as they were when first driven over 50 years ago. These old tunnels had a set or two at the entrance only.

Should some unusually large stations be excavated, the situation may require some timbering but such is not anticipated at present. In the event that timbering is required, we can expect a cost of $12.00 per foot based on local prices for posts, caps, collar braces, blocks, wedges, lagging and local labor.

STAGE II

A. 2 --100 ft. 6'x8' raises 100 ft. apart.

1) Excavation--Approx. the same as drifting expendatures @ $59.89/ft. $11,978.00

2) Stageing & Timbering @ $12.00/ft. $ 2,400.00

Total $14,378.00

Cost per foot $71.89

B. 100 feet of wenze 6'x8'

1) Excavation @ $59.89/ft. $ 5,989.00
2) Staging & Timbering @ $12.00/ft. $ 1,200.00
3) Additional Labor:
   a. Hoistman @ $32.00/shift--1 mo. $ 672.00
   b. Shaftman @ $28.00/shift--1 mo. $ 588.00
   c. F.I.C.A., Ins., Workmen's Comp., etc. @ 13% $ 163.80

   Total $ 1,423.80

4) Rental on equipment:
   a. mucker @ $400.00/mo. $ 400.00
   b. Hoist @ $500.00/mo. $ 500.00

   Total $ 900.00

5) Additional Supplies:
   a. Power @ $3.00/ft. $ 300.00
   b. Wire rope @ 60¢/ft.--200ft. $ 120.00
   c. Communications equipt @ 50¢/ft. $ 50.00
   d. Ore Bucket $ 150.00
   e. Parts for mucker, hoist @ $1.00/ft $ 100.00

   Total $ 720.00

C.

Total cost of wenze $10,233.00

Cost per foot $102.33

C. 100 feet of Cross-cuts & Drill Stations

1) 100' @ $59.89/ft, same as drift cost $ 5,989.00

Cost per foot $59.89

D. 4 100 ft. Diamond Drill Holes.

1) Previous cost for D.D. hole, A core from surface @ $14.93/ft		$ 5,972.00
2) Conversion of drill from gas to electric or air drive		$ 2,000.00
3) Assaying @ 5' intervals	$\frac{400' \times \$7.00}{5'}$	$ 560.00
4) Core boxes @ 10¢/ft.		$ 40.00
	Total	$ 8,572.00

Cost per foot $21.43

STAGE II

Total Cost

A) 2----100' raises	$14,378.00
B) 1----100' wenze	$10,233.00
C) 100' cross-cuts & drill stations	$ 5,989.00
D) 4----100' D.D. Holes	$ 8,572.00
TOTAL COST	$39,172.00

TOTAL COST ANALYSIS

Preliminary Stage I	$ 9,447.00
Stage I	$ 46,459.00
Stage II	$ 39,172.00
Total	$ 95,078.00
	$5,000

COLO. GENEVA'S SHARE		GOVERNMENT SHARE
$ 9,447.00	Preliminary Stage I	$ 0.00 **
$17,422.12	Stage I	$29,036.88
$14,689.50	Stage II	$24,482.50
$41,558.62	TOTAL	$53,519.38

** The Government will participate in Preliminary Stage I only if there are sufficient funds after July 1, 1969.

Colorado Geneva Industries Inc.
c/o Charles A Hopkins, Secy
1840 Grand Ave. City
May 13, 1969

Bank of Glenwood
Glenwood Springs, Colo
81601

Dear Sirs:

We are extending our request for a loan and would appreciate a letter on your behalf, such as the one you sent in 1967, to assist in our new application.

Yours very truly,
Charles A. Hopkins
Secy.

Colorado Gem & Industries, Inc.
c/o Charles A. Hopkins, Secy
1840 Grand Ave.
Glenwood Springs, Colo. 81601

First National Bank,
Glenwood Springs, Colo. 81601

May 13, 1969

Dear Sirs:

We are extending our request for a loan and would appreciate a letter on your behalf, such as the one you wrote in 1967, to assist us in our new application

Yours very truly,

Charles A. Hopkins
Secy.

Colo. Geneva Ind., Inc.
P. O. Box Q Carbondale, Colo.
81623 Phone: 963-2920
or 945-7146

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

JUNE 15, 1967.

RE: OME - 6613 (Silver)
Colo.Geneva Industries, Inc.
Copper King Project
Gunnison County, Colo

Gentlemen:

We acknowledge receipt of your letter dated May 25, 1967 and an outline of the data required to continue the processing of our application and the explanation of certain factors to be considered under the regulations.

Since the receipt of said letter we have been obtaining the bids from other contractors to support our estimated costs and enclose two (2) sets of bids fron each of several independent contractors to support our estimated costs for the work on the Project, as follows:

Excavating Work, proposals from M & M Constr. Co., of Carbondale, Colo. (2) two.,and W-3 Excavating, of Carbondale, Colo.

Tunnel Excavation and Alternate, (old tunnel work), Carol L. Velasque, Contr., P.O. Box 1, Carbondale, Colo., and W-3 Excavating, R.R. #1,Box 5, Carbondale, Colo.

Drilling and Coreing Program,(AX rod, minimun), Eldorado Engineering Co. of Glenwood Springs, Colo. %(Jerome F. Gamba, P.E & L.S.) Shelton Drilling Co., Carbondale Rd., Glenwood Springs, Colo.

We would be pleased to meet with Mr. J. William Hasler, Field Officer, Region III, OME - U.S.G.S, from Bldg. 25, Federal Center Denver, at any time. The Area under consideration can now be reached via jeep, truck, etc. from Crystal City, via, Marble, Colo. We would be happy to assist him with his inspections and study in connection with the field examinations.

We presently have excavating equipment on the properties and have surface vein structure further exposed and expect to ship a test lot of vein matter during the coming week.

We would like to see Mr. Hassler real soon.

Most sincerely,

Colorado Geneva Industries, Inc.

Charles A. Hopkins

Charles A. Hopkins, Secy. (PE & LS)

CH/
copy to Mr. Hassler, Denver.

M & M CONSTRUCTION CO.
Carbondale, Colo.

June 3, 1967

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81 623

EXCAVATING WORK OUTLINE & PROPOSAL.

1. Trenching, cutting and pitting with dozer (D-8, or equal) and backhoe (3/4 yd. minimum) at basal member of Limestone on Silver Pass Claims. Also on other claims and locations, as directed.
2. Dozing out and drilling roadways and tunnel sites and vein exposures for exploration, as directed. A road thru timber to reach Silver Pass Claims, for light trucks, pickups, etc.
3. Tunnel site preparation, two (2) days (estimated). D-8 Dozer, backhoe and trucks, as directed. Also buildings site preparation.
4. Clearing timber and cleanup to forest service fire safety requirements.
5. Total of approximately 8,500 lineal feet.

Provide equipment on Companys properties, in Lead King Basin (5 miles East of Marble, Colo.) as follows: (monthly rental rate)

1- Backhoe (3/4 yd. bucket, minimum) ----@----	$ 4,000.00
1- D -8 Dozer (or equal) ----------@--	4,000.00
1 - #933 "cat" loader, on treads or tracks -@-	2,500.00
1 - 125 cu. ft. Air Compressor--- @----------	1,500.00
1 - 3 Dump Trucks (as required) -- @ each ----	1,700.00

Also, to provide Supt./ and or Dozer and Backhoe operator @ $ 5.50 (40 hr. week) at $ 990.00 per month.

Also, provide foreman, operators and laborers, as required, at existing local rates ($ 2.00 to $ 4.00, per hour), plus 20 % for overhead and general operating expense and to maintain compensation and liability insurance, to cover work.

Submitted By:

M & M Constr. co.

George Gillham

RE: OME - 6613
Copper King Project.
Gunnison County, Colo.

1

M & M CONSTRUCTION CO.

Carbondale, Colo.

June 2, 1967

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81 623

EXCAVATING WORK OUTLINE & PROPOSAL.

1. Trenching, cutting and pitting with dozer (D-8, or equal) and backhoe (3/4 yd. minimum) at basal member of Limestone on Silver Pass Claims. Also on other claims and locations, as directed.
2. Dozing out and drilling roadways and tunnel sites and vein exposures for exploration, as directed. A road thru timber to reach Silver Pass Claims, for light trucks, pickups, etc.
3. Tunnel site preparation, two (2) days (estimated). D-8 Dozer, backhoe and trucks, as directed. Also buildings site preparation.
4. Clearing timber and cleanup to forest service fire safety requirements.
5. Total of approximately 8,500 lineal feet.

Provide equipment on Companys properties, in Lead King Basin (5 miles East of Marble, Colo.) as follows: (monthly rental rate)

1- Backhoe (3/4 yd. bucket, minimum) ----@ ---	$ 4,000.00
1- D -8 Dozer (or equal) ---------- @--	4,000.00
1 - #933 "cat" loader, on treads or tracks -@ -	2,500.00
1 - 125 cu. ft. Air Compressor--- @ ----------	1,500.00
1 - 3 Dump Trucks (as required) -- @ each ----	1,700.00

Also, to provide Supt./ and or Dozer and Backhoe operator @ $ 5.50 (40 hr. week) at $ 990.00 per month.

Also, provide foreman, operators and laborers, as required, at existing local rates ($ 2.00 to $ 4.00, per hour), plus 20 % for overhead and general operating expense and to maintain compensation and liability insurance, to cover work.

Submitted By:

M & M Constr. co.

Gaston O'Sullivan

RE: OME - 6613
Copper King Project.
Gunnison County, Colo.

2

June 1, 1967

Colorado Geneva Industries, Inc.
P.O. Box 9
Carbondale, Colo. 81 623

EXCAVATING WORK OUTLINE & PROPOSAL.

1. Trenching, cutting and pitting with dozer (D-8, or equal) and backhoe (3/4 yd. minimum) at basal member of Limestone on Silver Pass Claims, also on other claims and locations, as directed.
2. Boxing out and drilling roadways and tunnel sites and vein exposures [illegible] as directed. A road thru timber to reach Silver Pass [illegible] etc.
[illegible] preparation, two (2) days (estimated). D-8 Dozer, backhoe [illegible] trucks, as directed. Also buildings site preparation.
4. Burning timber and cleanup to forest service fire safety requirements.
5. Total of approximately 8,500 lineal feet.

Provide equipment on Companys properties, in Lead King Basin (5 miles East of Crested Butte, Colo.) as follows: (monthly rental rate)

1 - Backhoe (3/4 yd. bucket, minimum) ----- @ ---	$	3500.00
1 - D-8 Dozer (or equal) ---------- @ --		2700.00
1 - 933 "Cat" Loader, on treads or tracks -@ -		1800.00
1 - 125 cu. ft. Air Compressor--- @ ----------		450.00
1 - 3 Dump Trucks (as required) -- @ each ----		500.00

Also, to provide Supt. and or Dozer and Backhoe operator @ $ _____ (hr. or week) at $ 1200.00 per month.

Also, provide foreman, operators and laborers, as required, at existing local rates ($ 2.00 to $ 4.00, per hour), plus 25 [illegible] and general operating expense and to maintain compensation and liability insurance, to cover work.

Submitted By:

WJ3 Excavating
RR# 1 BOX 8
CARBONDALE, COLO
WM Weatherly

1

June 1, 1968

Colorado Geneva Enterprises, Inc.
P.O. Box 9
Carbondale, Colo. 81623

Gentlemen: Re: Bulldozer & Backhoe

1. Trenching, cutting and pitting with dozer (D-8, or equal) and backhoe (3/4 yd. minimum) to reveal neither of limestone on Silver Face Claims and also on other claims and locations, as directed.

2. Bottom out and drilling roadways and tunnel sites and vein exposures on locations, as directed, [illegible] thru timber [illegible] Silver [illegible]

3. [illegible] properties, [illegible] (2) days (estimated). D-8 Dozer, [illegible] trucks, as directed. Also buildings site preparation.

4. [illegible] and cleaning to forest service fire safety requirements.

5. [illegible] of approximately 8,500 lineal feet.

Provide equipment on Company's properties, in Lead King Basin (5 miles [illegible] Colo.) as follows: (monthly rental rate)

1 - Backhoe (3/4 yd. bucket, minimum) ---- @ ----	$ 3500.00
1 - D-8 Dozer (or equal) ---------- @ --	2700.00
1 - 993 Pay Loader, on treads or tracks - @ -	1600.00
1 - 425 cu. ft. Air Compressor -- @ ----------	420.00
1 - 3 Dump Trucks (as required) -- @ each ----	500.00

Also to provide Supt. and or Dozer and Backhoe operator @ $ _____ (48 hr. week) at $ 1400.00 per month.

Also, provide foreman, operators and laborers, as required, at existing local rates ($ 2.00 to $ 4.00, per hour), plus 25 [illegible] overhead and general operating expense and to maintain compensation and liability insurance, to cover work.

Submitted by:

AW3 Excavating
RR#1 Box 9
CARBONDALE, COLO
AW Weatherly

Carol L. Velasque
P.O. Box L,
Carbonadle, Colo.

June 1, 1967.

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core Drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching program and final geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Pass Claim) to check the surface exposures and geophysical anomoly, at depth

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein matter area in tunnel, etc.

4. Remove equipment and move out : Estimated at 5 to 7 days or shifts.

DRILLING AND CORING PROGRAM (AX rod), minimum.

2 - holes @ 600 feet, each ---- 600, Total = 1200 ft. = $ ~~Not Bid~~

2 - holes @ 200 feet, each ---- 200, Total = 400 ft. =

2 - holes @ 100 feet, each ---- 100, Total = 200 ft. =

COST PER FOOT $ _____, ---------- TOTAL 1800 ft. =

TUNNEL EXCAVATION (7 ft. X 7 ft.), Two shifts, 37 days, Minimum.

370 feet at $ 85.00, per foot ---------- $ 31,450

To tear down equipment and move out ---------- 3,000

TOTAL ---------- $ 34,450

Timber Tunnel, if required, or directed ---------- = 4,700

Total ---------- =

ALTERNATE - TO REHABILITATE THE OLD COPPER KING TUNNEL

Ties & 20lb. rail, 1100 ft.+dump, etc. ---$ 6,500

Vent pipe, air line, water line ---------

2½ ton Diesel trammer---------- 700

Drive tunnel 370 ft. @ $_____, per ft. =

Total ----- =$ 7,200 7,200

TOTALS, of Bids ----------$ 46,350

Remarks:

Submitted By: Carol L. Velasque
P.O. Box L Carbondale Colo.

RE: OME - 6613 (Silver)
Copper King Project.
Gunnison County, Colo.

1

CAROL L. VELASQUE
P.O. BOX #1,

CARBONDALE, COLO.

June 1, 1967.

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core Drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching program and final geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Pass Claim) to check the surface exposures and geophysical anomoly, at depth

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein matter area in tunnel, etc.

4. Remove equipment and move out : Estimated at 5 to 7 days or shifts.

DRILLING AND CORING PROGRAM (AX rod), minimum.

2 - holes @ 600 feet, each ---- 600, Total = 1200 ft. = $ X

2 - holes @ 200 feet, each ---- 200, Total = 400 ft. = Not

2 - holes @ 100 feet, each ---- 100, Total = 200 ft. = Bid

COST PER FOOT $ _____, ---------- TOTAL 1800 ft. = X

TUNNEL EXCAVATION (7 ft. X 7 ft.), Two shifts, 37 days. Minimum.

370 feet at $ 85.00, per foot ----------	$	31,450
To tear down equipment and move out ----------		3,600
TOTAL ----------	$	34,450
Timber Tunnel, if required, or directed ---------- =		4,700
Total ---------- =		

ALTERNATE - TO REHABILITATE THE OLD COPPER KING TUNNEL

Ties & 20lb. rail, 1100 ft.+dump, etc. ---$	6,500	
Vent pipe, air line, water line ----------		
2½ ton Diesel trammer----------	700	
Drive tunnel 370 ft. @ $_____, per ft. -=		
Total ----- =$	7,200	7,200

TOTALS, of Bids ----------$ 46,350

Remarks:

Submitted By: Carol L. Velasque
P.O. Box 1 Carbondale Colo

RE: OME - 6613 (Silver)
Copper King Project.
Gunnison County, Colo.

2

June 12, 1967.

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core Drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching program and final geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Pass Claim) to check the surface exposures and geophysical anomoly, at depth

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein matter area in tunnel, etc.

4. Remove equipment and move out : Estimated at 5 to 7 days or shifts.

DRILLING AND CORERING PROGRAM (AX rod), minimum.

2 - holes @ 600 feet, each ---- 600, Total = 1200 ft. = $ _____

2 - holes @ 200 feet, each ---- 200, Total = 400 ft. = _____

2 - holes @ 100 feet, each ---- 100, Total = 200 ft. = _____

COST PER FOOT $ _____, ---X--- TOTAL 1800 ft. = _____

NOT BID

TUNNEL EXCAVATION (7 ft. X 7 ft.), Two shifts, 37 days. Minimum.

370 feet at $ _____, per foot ---------- $ 29,230.

To tear down equipment and move out ---------- 2,500.

TOTAL ---------- $ 31,730.

Timber Tunnel, if required, or directed @ 12/ft. = 4,440.

Total ---------- = $36,170.

ALTERNATE - TO REHABILITATE THE OLD COPPER KING TUNNEL

Ties & 20lb. rail, 1100 ft.+dump, etc. ---$ 7,000.

Vent pipe, air line, water line ---------- 700.

2½ ton Diesel trammer---------- 36,170.

Drive tunnel 370 ft. @ $_____, per ft. = _____

Total ----- =$ 43,870.

TOTALS, of Bids ---------- $ 43,870.00

Remarks: Truck access to site provided by Colorado Geneva Industries, Inc, or, under excavating contract.

Submitted By: Leo F McCune
Carbondale, Colo.

RE: OME - 6613 (Silver)
Copper King Project.
Gunnison County, Colo.

1

June 12, 1967.

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core Drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching program and final geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Pass Claim) to check the surface exposures and geophysical anomoly, at depth

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein matter area in tunnel, etc.

4. Remove equipment and move out : Estimated at 5 to 7 days or shifts.

DRILLING AND CORING PROGRAM (AX rod), minimum.

2 - holes @ 600 feet, each ---- 600, Total = 1200 ft. = $
2 - holes @ 200 feet, each ---- 200, Total = 400 ft. =
2 - holes @ 100 feet, each ---- 100, Total = 200 ft. =
NOT BID.

COST PER FOOT $ _____, ---------- TOTAL 1800 ft. =

TUNNEL EXCAVATION (7 ft. X 7 ft.), Two shifts, 37 days, Minimum.

370 feet at $ $19. per foot ---------- = $ 29,230.
To tear down equipment and move out ---------- = 2,500.
TOTAL ---------- = $ 31,730.
Timber Tunnel, if required, or directed @ $12./Ft = 4,440.
Total ---------- = $ 36,170.

ALTERNATE - TO REHABILITATE THE OLD COPPER KING TUNNEL

Ties & 20lb. rail, 1100 ft.+dump, etc. ---- $ 7,000.
Vent pipe, air line, water line ---------- 700.
2½ ton Diesel trammer 2 Mo. (±) ---------- 36,170.
Drive tunnel 370 ft. @ $_____, per ft. = _____
Total ----- = $ 43,870.00

TOTALS, of Bids ---------- $ 43,870.00

Remarks: Truck access to Sites provided by Colorado Geneva Industries, Inc., or, under excavating contract.

Submitted By: Geo F McCune
Carbondale, Colo.

RE: OME - 6613 (Silver)
Copper King Project.
Gunnison County, Colo.

ELDORADO ENGINEERING CO.

Glenwood Springs, Colo.

June 3, 1967.

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching progress and final geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Farm Claim) to check the surface exposures and geophysical anomaly, at depth.

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein entry area in tunnel, etc.

4. Remove equipment and move out - Estimated at 5 to 7 days or shifts.

DRILLING and CORING PROGRAM (AX rod), minimum.

2 - holes @ 600 feet, each ---- 600, Total = 1200 ft. = $ 15,324.00

2 - holes @ 200 feet, each ---- 200, Total = 400 ft. = 5,108.00

2 - holes @ 100 feet, each ---- 100, Total = 200 ft. = 2,556.00

Cost per foot $ 12.77 ---------- Total Cost $22,988.00

[illegible] (7 ft. X 7 ft.), two shifts, 37 days, minimum.

Cost per foot ---------- per foot ---------- $ ----------

Cost, rate [illegible] equipment and move out ----------

Total ---------- $ ----------

NO BID

Support Tunnel, if required, or directed ----------

Total ----------

[illegible] COPPER KING TUNNEL

[illegible] 100 ft. drifting, etc. ---- $ ----------

[illegible] Line, Water Line ----------

[illegible] ----------

NO BID

[illegible] 370 ft. @ $ ---------- per ft. = ----------

Total ---------- $ ----------

Terms of Bids ----------

Remarks: Bid is for drilling only, does not include [illegible] site preparation or access roads.

Submitted by:

Eldorado Engineering Co.

Glenwood Springs, Colorado

By Jerome F. Gamba

Jerome F. Gamba, P.E., C.E.S.

Copper King
Gunnison, Colorado

ELDORADO ENGINEERING CO.

Glenwood Springs, Colo.

June 3, 1967.

Colorado Geneva Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching program and final geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Pass Claim) to check the surface exposures and geophysical anomoly, at depth

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein matter area in tunnel, etc.

4. Remove equipment and move out : Estimated at 5 to 7 days or shifts.

DRILLING AND CORING PROGRAM (AX rod), minimum.

2 - holes @ 600 feet, each ---- 600, Total = 1200 ft. = $ ~~15,324.00~~

2 - holes @ 200 feet, each ---- 200, Total = 400 ft. = ~~5,108.00~~

2 - holes @ 100 feet, each ---- 100, Total = 200 ft. = ~~2,556.00~~

COST PER FOOT $ 12.77, ---- TOTAL 1800 ft. = $22,988.00

TUNNEL EXCAVATION (7 ft. X 7 ft.), Two shifts, 37 days. Minimum.

370 feet at $ _____, per foot ---------- $ _____

to tear down equipment and move out ---------- _____

TOTAL ---------- $ _____

Timber Tunnel, if required, or directed ---------- =

Total ---------- =

ALTERNATE - REHABILITATE THE OLD COPPER KING TUNNEL

Clean & scab. trail, 1100 ft.+dump, etc. ---$ _____

Vent pipe, air line, water line ---------- _____

By two Diesel trammer ---------- _____

Drive tunnel 370 ft. @ $_____, per ft. = _____

Total ----- =$_____ _____

TOTALS, of Bids ----------$_____

No BID

No BID

Remarks:

Bid is for drilling only, does not include drill site preparation or access roads.

Submitted By:

Eldorado Engineering Co.

Glenwood Springs, Colorado

By: Jerome F. Gamba
Jerome F. Gamba, P.E. & L.S.

RE: OME - 6813 (Silver)
Copper King Project.
Gunnison County, Colo.

June 15, 1967.

Colorado Genova Industries, Inc.
P.O. Box Q,
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core Drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching program and final Geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Pass Claim) to check the surface exposures and Geophysical anomoly, at depth

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein matter area in tunnel, etc.

4. Remove equipment and move out : Estimated at 5 to 7 days or shifts.

DRILLING AND CORING PROGRAM (AX rod), Minimum.

2 - holes @ 600 foot, each ---- 600, Total = 1200 ft. = $ 9600.00

2 - holes @ 200 foot, each ---- 200, Total = 400 ft. = 3200.00

2 - holes @ 100 foot, each ---- 100, Total = 200 ft. = 1600.00

COST PER FOOT $ 8.00, ---------- TOTAL 1800 ft.== 14,400.00

TUNNEL EXCAVATION (7 ft. X 7 ft.), Two shifts, 37 days. Minimum.

370 foot at $ _____, per foot ----------= $ X

To tear down equipment and move out ----------= NOT

TOTAL ----------= $ BID

Timber Tunnel, if required, or directed ---------- = X

Total ---------- =

ALTERNATE - TO REHABILITATE THE OLD COPPER KING TUNNEL

Ties & 20lb. rail, 1100 ft.+dump, etc. ---$ _____ Not

Vent pipe, air line, water line ---------- _____

2½ ton Diesel trammer---------- _____ BID

Drive tunnel 370 ft. @ $_____, per ft. -= _____

Total ----- =$_____

TOTALS, of Bids ----------$_____

Remarks:

Submitted By: Shelton Drilling Co. Inc.
Joe N. Shelton

RE; OME -6613 (Silver)
Copper King Project.
Gunnison County, Colo.

1

June 15, 1967.

Colorado Geneva Industries, Inc.
P.O. Box Q, 963-2920 or 945-7146
Carbondale, Colo. 81623

DRILLING and UNDERGROUND EXPLORATION - PROPOSAL

1. Core Drilling on Copper King Claims and possibly on other areas, depending upon the outcome of surface trenching program and final geophysical data.

2. A short exploration tunnel from the South on the Copper King Area (or Silver Pass Claim) to check the surface exposures and geophysical anomoly, at depth

3. Alternate Plan: Rehabilitate existing Copper King Tunnel (lower area, 350 ft. below the surface outcrops, and drive drift to explore from vein matter area in tunnel, etc.

4. Remove equipment and move out : Estimated at 5 to 7 days or shifts.

DRILLING AND CORING PROGRAM (AX rod), minimum.

2 - holes @ 600 feet, each ---- 600, Total = 1200 ft. = $ 9600.00

2 - holes @ 200 feet, each ---- 200, Total = 400 ft. = 3200.00

2 - holes @ 100 feet, each ---- 100, Total = 200 ft. = 1600.00

COST PER FOOT $ 8.00 ---------- TOTAL 1800 ft.= 14,400.00

TUNNEL EXCAVATION (7 ft. X 7 ft.), Two shifts, 37 days. Minimum.

370 feet at $ _____, per foot ---------- = $ _____

To tear down equipment and move out ---------- = _____

TOTAL ---------- = $ _____

Timber Tunnel, if required, or directed ---------- = _____

Total ---------- = _____

NOT BID

ALTERNATE - TO REHABILITATE THE OLD COPPER KING TUNNEL

Ties & 20lb. rail, 1100 ft.+dump, etc. ---$ _____

Vent pipe, air line, water line ---------- _____

2½ ton Diesel trammer---------- _____

Drive tunnel 370 ft. @ $_____, per ft. = _____

Total ----- =$_____

TOTALS, of Bids ----------$_____

NOT BID

Remarks:

Submitted By: Shelton Drlg Co Inc
Joe W. Shelton

RE: OME - 6613 (Silver)
Copper King Project.
Gunnison County, Colo.

(2)

ASSIGNMENT AND ACCEPTANCE

For value received Charles A. Hopkins and Sidney M. Baker Assignors, hereby assigns all of their right title and interest to that certain lease entitled "AGREEMENT" between Lee W. Sperry and J.P. Sperry referred to as "Owners" and Charles A. Hopkins and Sidney M. Baker referred to as "Engineers", dated April 20, 1966, whereby the following mining claims were leased, to-witt:

The 20th Century No. 1, U.S. Survey No. 18606
The 20th Century No. 2, U.S. Survey No. 18606
The Copper King, U.S. Survey No. 18606
The Copper King No. 6, U.S. Survey No. 18606
The Copper King No. 7, U.S. Survey No. 18606
The Copper King No. 8, U.S. Survey No. 18606
The Copper King No. 9, U.S. Survey No. 18606
The Copper King No. 10, U.S. Survey No. 18606
The Winchester No. 1, U.S. Survey No. 18606
The El Negocio, U.S. Survey No. 15328

which lease entitled "AGREEMENT" is recorded in Book 387 page 252 of the Gunnison County records, and made a part hereof as if set forth in full herein; and hereby assigns all of their right title and interest to the following unpatiented mining claims to-witt:

Apache No. 1	Apache No. 4
Apache No. 2	Apache No. 5
Apache No. 3	Apache No. 6
Silver Pass No. 1	Silver Pass No. 5
Silver Pass No. 2	Silver Pass No. 6
Silver Pass No. 3	Silver Pass No. 7
Silver Pass No. 4	

which claims are recorded in Book 387 pages 257, 258, 259, 260, 261, 262, 264, 265, 266, 267, 268, 269, and 270 of the Gunnison County records, and made a part hereof as if set forth in full herein; and Sidney M. Baker hereby assigns all of his right title and interest to the following unpatiented mining claims to-witt:

Undevided 5% Winchester, U.S. Survey No. 18606
Undevided 5% Winchester No. 2, U.S. Survey No. 18606

which right title and interest entitled "Treasurer's Deed No. 268297" duly recorded in Book 390 page 223 of the Gunnison County records and made a part hereof as if set forth in full herein.

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 19 1967
INITIALS | CODE

UNTO the following named corporation, in the interest as set forth opposite their respective name, to-wit:

Colorado Geneva Industries Inc. 100%

with the express understanding that the said Assignors shall be liable for the performance of all of the covenants and agreements made in said

Colo. Gen. II / 413

"AGREEMENT" by the "Engineers" therein named, and will fully perform said covenants and agreements in case said Assignee shall fail to do so; and in consideration of this assignment the said Assignee hereby assumes and agree to make all of the payments and perform all the covenants and agreements in said "AGREEMENT" contained, by the Engineers therein agreed to made and performed.

It is further agreed that Colorado Geneva Industries Inc. shall pay all taxes when due on the Winchester and Winchester No. 2, U.S. survey No. 18606, and shall perform all yearly assessment work on or before the due date on the Apache claims Nos. 1 thru 6 inc., and on the Silver Pass claims Nos. 1 thru 7 inc.

It is expressly understood and agreed, however, that Charles A. Hopkins and Sidney M. Baker shall not be required to perform any of the covenants and agreements contained in said "AGREEMENT", except in case of default in performance on the part of Colorado Geneva Industries Inc., in which event ownership in said "AGREEMENT" shall be revested in Sidney M. Baker and Charles A. Hopkins, and they shall be entitled to reimbursement for sums spent to keep said "AGREEMENT" in full force and effect during the primary terms thereof; and title to Apache claims Nos. 1 thru 6 shall be revested in Charles A. Hopkins and Sidney M. Baker and title to Silver Pass Nos. 1 thru 7 shall be revested in Charles A. Hopkins and Sidney M. Baker, should Colorado Geneva Industries Inc. fail to do the annual assessment work; and the Winchester and Winchester #2, shall be revested in Sidney M. Baker should Colorado Geneva Industries Inc. fail to pay the taxes due in any one year.

Colorado Geneva Industries Inc. further agree, that they will perform all the covenants and agreements in said "AGREEMENT" necessary to maintain said "AGREEMENT" in full force and effect for the full primary terms thereof and with extensions thereof provided thereof.

The Assignors further covenants and agrees that in the event he obtains leases on lands surrounding the herein named premises, he will grant to the Assignees a right of ingress and egress over the same where necessary for the development of the said herein premises; and he further covenants that at the time of this arrangement said agreements and titles were valid and

Colo. Geneva

in full forde and effect and he was in possession of the land described therein.

It is specifically agreed by and between all parties that no party to this agreement will assign any lease, "AGREEMENT" or title, or deed, or any right secured in this assignment without first obtaining the consent of all other parties to this agreement and without first giving all other parties to this agreement the first right to purchase the said interest or right at the same bona fide price it is offered to sale to third parties.

In witness whereof the parties hereunto set their hands and seals on this 27th day of March, 1967

Sidney M Baker (SEAL)
Charles A. Hopkins (SEAL)

COLORADO GENEVA INDUSTRIES INC.
Sidney M Baker President
Charles A. Hopkins Secretary

Colo. Gen. I.I. 6613

COLORADO GENEVA INDUSTRIES, INC.

c/o Charles A. Hopkins

Registered Engineer & Surveyor
MUNICIPAL — CIVIL — MINING

~~OFFICE: 925 Grand~~
~~PHONE: 945-3837~~
~~Glenwood Springs, Colo. 81601~~

RESIDENCE:
Box 310 Rt. 1
Cardiff Rd., Gl'nd. Spgs. 81601
Phone 945-7146

P.O.Box Q, Carbondale, Colo.81623
PH:963 2920, also, for data, 945 5593.

MAR 30 1967

INITIALS	CODE

MARCH 23,1967.

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

DDSMM
REF: Ltr., Gen. Serv.
Admin.,Feb.6,1967.
Mr. G.J.Jameson.
Proj. Mgr.,Metals.

Gentlemen:

Since the stated correspondence, of Feb. 6th.(above) we have been compiling the data as outlined on the back of Form MME 40 for financial assistance in minerals exploration on the areas controled by our Corporation.

The forms signed by the corporation are contained herein and the other material is forwarded under separate cover.

Kindly confirm the receipt of this material and we wish to express our thanks for your consideration of our proposed project.

Respectfully submitted,

Colorado Geneva Industries, Inc.

Charles A. Hopkins

Charles A. Hopkins, Secretary.

MME Form 40
Jan. 65

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

OFFICIAL COPY
RECEIVED MAR 30 1967

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.)*

COLORADO GENEVA INDUSTRIES, INC.(Colo.)
P. O. Box Q ,
Carbondale, Colorado. 81 623.

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6613
DATE RECEIVED 3/30/67
REGION 111
DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED Colorado

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Sidney M. Baker,	106 Polo Road, (Geol.Engr.) Glenwood Springs, Colo.	President.
R. H. Hopkins,	Box 310, Cardiff, " , "	Vice " .
V. J. Baker,	106 Polo Road, " "	Treasurer.
Charles A. Hopkins,	P. O. Box Q, (Mining Engr.) Carbondale, Colorado. 81 623.	Secretary.

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
SILVER

ESTIMATED COST OF PROJECT
$44,361.00(plus 7(b)$1,200.00/Mo.)

PROPERTY NAME	LOCATION COUNTY	STATE
COPPER KING PROJECT	GUNNISON,	COLORADO.

GENERAL INSTRUCTIONS

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

CERTIFICATION

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

Colorado Geneva Industries, Inc.

March 22, 1967.
DATED

Sidney M. Baker Charles A. Hopkins.
BY *(Signature)*

President Secretary
TITLE

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

OVER

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. Does not apply.

(c) State how you propose to furnish your share of the cost of the exploration work. Stock sales, work and equipment credits.

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.
Does not apply.

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).]

CERTIFICATION

The Colorado Geneva Industries, Inc. certifies that the Corporation would not normally undertake the exploration at the Corporations sole expense under current conditions or circumstances.

Colorado Geneva Industries, Inc.

Sidney M. Baker
President

Attest:

Charles A. Hopkins
Secretary

Date: March 22, 1967.

Colo. Gen. Ind., Inc. TITLE 30, §301.6 (c)

THE FIRST NATIONAL BANK

GLENWOOD SPRINGS, COLORADO 81601

K. WM. GEIB
EXECUTIVE VICE PRESIDENT

March 10th, 1967

Colorado Geneva Industries, Inc.
c/o Charles A. Hopkins, Secretary
P. O. Box Q
Carbondale, Colorado 81623

Gentlemen:

Your application for a loan of $80,000.00 for a period of years sufficient to develope commercial ores has received the attention of our Discount Committee and we regret to inform you that the bank does not make mining and exploration loans, therefore, your request for a loan of $80,000.00 has been denied.

Yours very truly,

K Wm Geib

Exec. Vice President

KWG:JER

Form 40 #1

COLORADO GENEVA INDUSTRIES, INC.
c/o Charles A. Hopkins, Secretary
Registered Engineer & Surveyor
MUNICIPAL — CIVIL — MINING
P.O. Box Q,
Carbondale, Colo.
81 623
PH: 963 2920

OFFICE: 925 Grand
PHONE: 945-5337
Glenwood Springs, Colo. 81601

RESIDENCE:
Box 310 Rt. 1
Cardiff Rd., Gl'nd. Spgs. 81601
Phone 945-7146

The First National Bank,
Glenwood Springs, Colo. 81601.

March 8, 1967.

Dear Sirs:

ATTN; Mr. W. K. Geib, V.P.

Mr. Sidney H. Baker, geological engineer, and I, Charles A. Hopkins, registered consulting mining engineer, have acquired rights, leases and ownership of over 20 claims, totalling over 300 acres of lands, in the Rock Creek Mining District, located about 5 miles east of Marble, Colorado.

Over the past several years we have conducted engineering and geological studies of the area along with sampling of exposed veins in old surface workings and outcrops. The work and sampling has confirmed the occurrence in economic amounts of metal containing minerals, under present metal prices. The minerals are silver, copper, zinc and lead.

In order to increase our activities and to further explore and evaluate the deposits of the area Colorado Geneva Industries, Inc., was formed. The Corporation requires funds and capitol and a loan would provide the finance we require to provide the necessary materials, equipment, labor payments and other expenses involved in the undertaking.

We hereby make a loan request to finance this exploratory program in the amount of $ 80,000.00, for a period of years sufficient to develope commercial ores and provide profits to pay off the loan and interest at a suggested rate of 6% per annum.

We would appreciate your consideration, and if you are unable to approve this request, to state your reason for not approving same.

Very truly yours,

Colorado Geneva Industries, Inc.

Charles A. Hopkins

Charles A. Hopkins, Secretary.

CH/ss

Copy

FORM 40 #1 (a)

March 9, 1967

Colorado Geneva Industries, Inc.
Mr. Charles A. Hopkins, Secretary
P. O. Box Q
Carbondale, Colorado 81623

Dear Mr. Hopkins:

This is in reply to your letter of March 8, 1967, requesting a loan of $80,000.00 for mining purposes.

We would not be interested in this loan as we have not had experience with loans of this nature.

Truly yours,

Vern Manahan

Vern Manahan
Executive Vice President

VM:lmb

Form 40, #1 (2)

C[illegible]ORADO GENEVA INDUSTRIES, [illegible].

c/o

, Secretary.

P.O. Box Q,
Carbondale, Colo.
81 623
PH: 963 2820

The Bank of Glenwood,
Glenwood Springs, Colorado. 81601

March 8, 1967.

ATTN: Mr. Vorm Manahan, Pres.

Dear Sirs:

Mr. Sidney M. Baker, geological engineer, and I, Charles A. Hopkins, registered consulting mining engineer, have acquired rights, leases and ownership of over 20 claims, totalling over 300 acres of lands, in the Rock Creek Mining District, located about 5 miles east of Marble, Colorado.

Over the past several years we have conducted engineering and geological studies of the area along with sampling of exposed veins in old surface workings and outcrops. The work and sampling has confirmed the occurrence in economic amounts of metal containing minerals, under present metal prices. The metals in the sulphide and oxide minerals consist of silver, copper, zinc and lead.

In order to increase our activities and to further explore and evaluate the deposits of the area Colorado Geneva Industries, Inc., was formed. The Corporation requires funds and capitol and a loan would provide the finance we require to provide the necessary materials, equipment, labor payments and other expenses involved in the undertaking.

We hereby make a loan request to finance this exploratory program in the amount of $ 80,000.00, for a period of years sufficient to develope commercial ores and provide profits to pay off the loan and interest at a suggested rate of 6% per annum.

We would appreciate your consideration, and if you are unable to approve this request, to state your reason for not approving same.

Very truly yours,

Colorado Geneva Industries, Inc.

Charles A. Hopkins, Secretary.

CH/ss

Form 40 #1 (a)

2114 CURTIS STREET

TELEPHONE 623-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 8525

Date Feb. 16, 1966.

S. M. Baker,
106 Polo Road,
Glenwood Springs, Colorado.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
Copper King #1-West		16.80	5.45	TRACE	2.35			
#2-East		9.20	1.518	3.12	19.90			
Sheep #1		17.88		13.78	0.12			
#2.		2.20		27.84	6.74			
#3.		0.90	0.125	7.95	1.35			
South Fork Queen #1		2.36		TRACE	TRACE			

2.5' Cut Sample
3.' Cut Sample
Ex Negro 4.' Cut Sample
" 8-10 Ft. Cut Sample
"DUMP ASSAY GRAB" ±1000 T. #3.

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ 31.50

CHARLES O. PARKER & CO.
CHEMISTS, ASSAYERS and ENGINEERS

Colo. Gem. Ind. Inc.
Form 40 #3(f)

UNPATENTED CLAIMS

Book and page number for each recorded location notice:

NAME	RECEPTION NUMBER	BOOK NUMBER	PAGE NUMBER
Apache # 1	266841	387	257
Apache # 2	266842	387	258
Apache # 3	266843	387	259
Apache # 4	266844	387	260
Apache # 5	266845	387	261
Apache # 6	266846	387	262
Map of Apache claims	266847	387	263
Silver Pass #1	266848	387	264
Silver Pass #2	266849	387	265
Silver Pass #3	266850	387	266
Silver Pass #4	266851	387	267
Silver Pass #5	266852	387	268
Silver Pass #6	266853	387	269
Silver Pass #7	266854	387	270
Map of Silver Pass claims	266855	387	271

All of the above claims recorded in Gunnison County, Rock Creek mining district, Gunnison, Colorado

COLORADO GENEVA INDUSTRIES, INC.

LIST OF CLAIMS & PROPERTY MAP.

Patented Mining Claims leased from Lee W. & J. F. Sperry (see lease):

The 20th Century No. 1, U.S. Survey No. 18606.
The 20th Century No. 2, U.S. Survey No. 18606.
The Copper King. U. S. Survey No.18606.
The Copper King No. 6, U. S. Survey No.18606.
The Copper King No. 7, U.S. Survey No. 18606.
The Copper King No. 8, U. S. Survey No. 18606.
The Copper King No. 9, US.S. Survey No. 18606.
The Copper King No. 10,U.S. Survey No. 18606.
The Winchester No. 1,U.S. Survey No. 18606.
The El Negocio U.S. Survey No. 15328

Colorado Geneva Industries, Inc. (Hopkins & Baker), owns 5% interest:

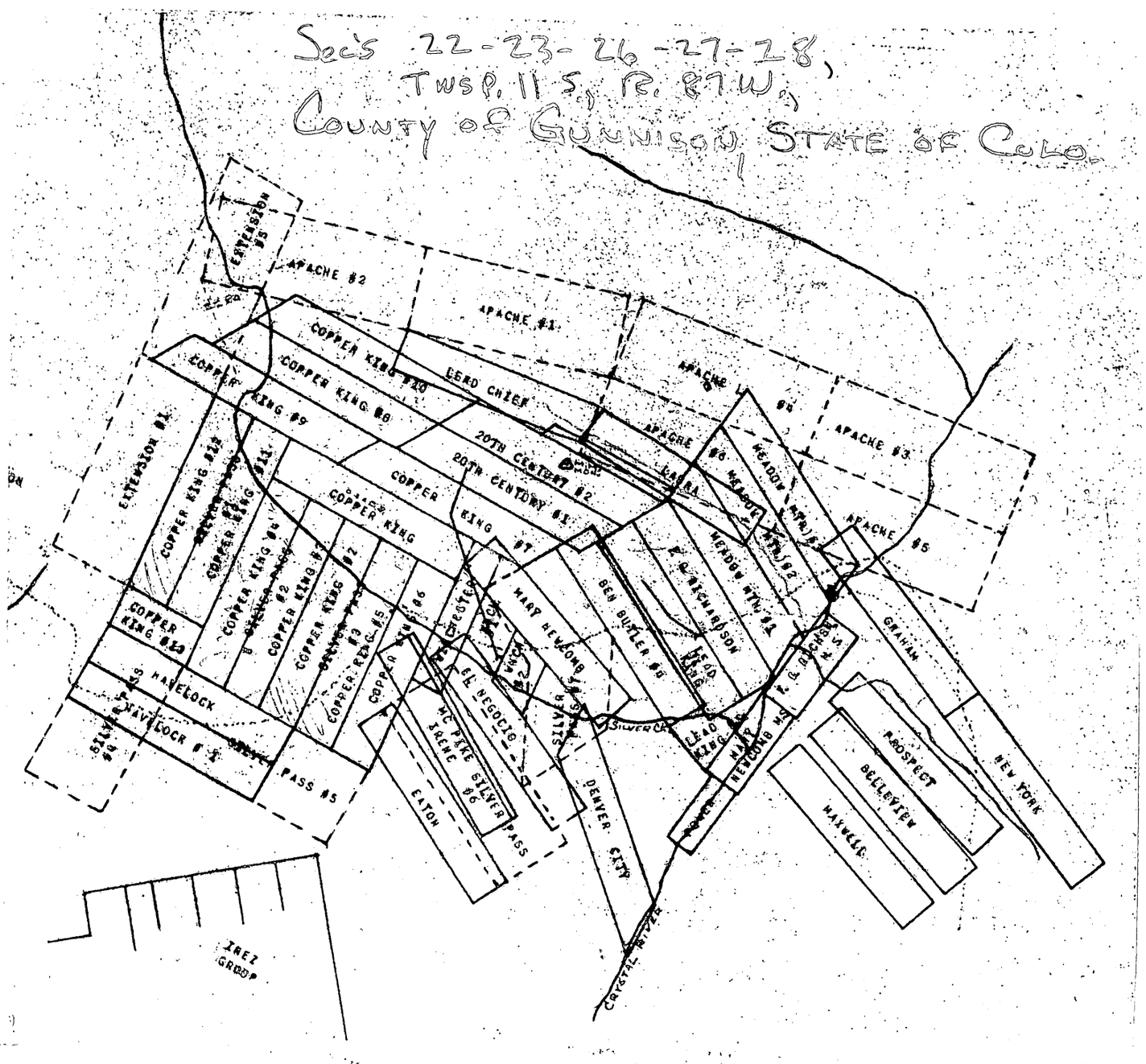
The Winchester, U. S. Survey No. 18606.
The Winchester No. 2 UsS. Survey No. 18606.

Location Claims of Colorado Geneva Industries, Inc.(assigned by Hopkins and Baker):

* The Silver Pass (Group) of Mining Claims No's. 1,2,3,4,5,6 and 7.
The Apache (Group) of Mining Claims No's. 1,2,3,4,5, and 6.

* About 100 Acres of Location Claims, Group are surveyed, mapped and processed for Patent.

Property map,(attached):



Colo. Gen. Ind., Inc.

Form #40, # 2 (a)(b)

(1) only, (copy of LEASE)

~~Exhibit~~

This agreement made and entered into this 20th day of April 1966, by and between the owners,

Lee W. Sperry, Route #1 Box 143, Austin, Colorado

and

J. F. Sperry, c/o Lee W. Sperry,

hereinafter referred to as "Owners" and Charles A. Hopkins, Registered Professional Engineer and Steven L. Miller, Geological Engineer, both of Denver, Colorado, hereinafter referred to as "Engineers".

WITNESSETH:

WHEREAS, the Owners represent themselves to be the owners of the following described patented mining claims in the Rock Creek Mining District, Hinsdale County, State of Colorado:

The 20th Century No. 1. U.S. Survey No. 18606	The Copper King No. 7, U.S. Survey No. 18606.
The 20th Century No. 2. U.S. Survey No. 18606	The Copper King No. 8 U.S. Survey No. 18606.
~~The 20th Century No. 3. U.S. Survey No. 18606.~~	The Copper King No. 9, U.S. Survey No. 18606.
~~The Copper King. U.S. Survey No. 18606~~	The Copper King No. 10, U.S. Survey No. 18606,
~~The Copper King No. 6 U.S. Survey No. 18606~~	The Winchester No. 1, U.S. Survey No. 18606.
	The El Negocio. U.S. Survey No. 15328

WHEREAS:

The said Owners, in consideration of the sum of $10.00 by other good and valuable considerations hereinafter enumerated and by the Engineers paid to the said Owners, the receipt thereof is hereby acknowledged, hereby grant to the said Engineers the exclusive right at their option, for and during the period of one year from the date hereof, to enter upon the premises as described and take possession and control of the said premises immediately after execution of this agreement.

It is further agreed that upon the expiration of the term of this agreement and that if the Engineers are complying with all the conditions as hereinafter set forth, the said Engineers may extend this agreement for an additional period of one year with the same terms as hereinafter set forth to the said Owners and a payment of $10.00 cash. Said Agreement may be exercised each and every year hereinafter for a period of ten years.

Should the Owners decide to sell the property at any time during the term of this agreement, the engineers shall have the first right of refusal of purchase.

All general property taxes on the property will be paid by the Engineers, or his agents or assignee and deducted from ore shipments from said property.

In further consideration of said agreement the Engineers do covenant and agree as follows, TO-WIT:

1. To enter upon and take possession of said land, lands, mine, mines or premises and care for same in a good and economic manner so as to extract as much ore as possible with due regard to development and preservation as a workable property.

2. That if and when any ores or concentrates are extracted therefrom or any portion of the property by the Engineers or any assignor, employee, agent, or person working for or through the said Engineers, the said Engineers agree to pay the Owners royalties as set forth in paragraph ~~10~~ 9. A.B.

3. The Engineers will comply with all the laws of the State of Colorado and of the United States of America concerning said lands.

4. The Engineers agree to do at least $ 2000.00 worth of work or expend a minimum amount of $2000.00 in improving the claims during the period of this agreement, during each and every year thereafter that this agreement is in effect. Said work or expenditure will include any improvement on the property such as but not by way of limitation, advertising, surveying, geological and mine survey mapping and model construction, geo-physical mapping, surface and underground mining activity, roads and bridges maintenance and construction; sampling, assaying and other phases of general activities which will include providing interested concerns with engineering and geologists for inspection of the property.

5. The Owners or their assignees may enter and descend into all parts of said stated premises for purpose of inspection, surveying or taking samples therefrom upon reasonable notice to the Engineers.

6. The Engineers will make and keep maps of workings on said premises and furnish to the Owners all copies thereof that they request.

Colo. Gen. Ind. Inc. Form 40 #2(a)

7. The Engineers agree to maintain compensation insurance during periods of operations under this contract and agreement and failure to do so shall be considered a violation of this agreement.

8. All ores and concentrates and mill products shall be sold, sampled and settled for by the Engineers and shall be sold to the concern paying the highest price therefor, to the best of the knowledge and belief of said Engineers.

9. Owners hereby reserve and Engineers agree to pay to the Owners the following royalties based on net smelter or mill returns. By the term, net smelter or mill returns as above used is meant the returns from ores or concentrates after deducting transportation, railroad freight, sampling and mining costs (said mining costs not to exceed $20.00 per ton), mill or mills and/or smelter charges:

Under $15.00 per dry ton---------- 8%

From $15.00 to $25.00 per dry ton----------10%

From $25.00 to $35.00 per dry ton----------12%

From $35.00 to $45.00 per dry ton----------14%

From $45.00 to $100.00 per dry ton----------20%

From $100.00 to $150.00 per dry ton----------25%

From or over $150.00 per dry ton----------30%

All concentrates and mill products returns---- 8%

Sorted surface-open pit ores and present dump ores-8%

10. The Engineers agree to post and keep posted at all work areas on said premises a duly signed notice that the property is being worked under contract and agreement, giving names of the operating concern and a statement that the Owners are not responsible or in any manner obligated for any work or labor done in or about said premises, or for any material or supplies furnished to the property.

11. Each and every clause and covenant of this agreement shall apply and extend to the successors, heirs, executors, administrators, lawful assignors, sub-contractors, and split-check agreement contractors, or corporation assignment.

12. In the interests of harmony in the event that some problem should arise that has to do with the intent of this agreement, that the decision will be left to a Board of Arbitration of three members, one to represent the Owners, one the Engineers, and the third, a disinterested party chosen by the first two named. The decision of this Board shall be binding on all parties to this agreement or their heirs or assignees.

13. Upon the violation of any of the covenants and agreements contained herein, the Owners shall give written notice to that effect to the Engineers or any other party in their control explaining the violation; and if after thirty (30) days have elapsed after said parties received said notice and contract agreement is still being violated in the same manner as stated by the Owners, this contract shall be forfeited and cancelled.

14. The Engineers agree to keep correct accounts and to render the Owners yearly statements showing the amounts of all ore taken from the premises.

The annual report shall include the yield of the property, the cost of all production and milling of the same, the value of all work performed on the property together with an itemized list of such work, and the amounts of all expenditures on said property together with an itemized list of such expenditures, said list shall be sent to Lee W. Sperry on or before the first day of May of each and every year.

15. In the event of strikes, fire, flood, explosion, act of nature, war, and commotion or regulation or order or request of any governmental authority, inability to obtain labor or materials, or transportation or insufficient metal prices for economic operation, inadequate smelting, milling or processing, which make it impossible for either party to perform this agreement the lack of performance shall not be a violation of this agreement and the Engineers may re-exercise their rights and activities as performance again becomes possible.

In Witness Whereof, the said Owners have hereto caused their names to be signed, and the Engineers have hereto set their hands and seals the day and year first on this 16th day of April, 1966.

Colo. Gen. Ind. Inc.

Form 40 Sec 2(a)

ATTEST:

Leo B. Spring G. Z. Spring
Owners

ATTEST:

Charles A. Hopkins Sidney M. Baker
Engineers

Subscribed to and sworn to before me this 16TH day of April, 1966, by CHARLES A. HOPKINS AND SIDNEY M. BAKER

My Commission expires April 29, 1968

M. J. Gallagher
Notary Public

Subscribed and sworn to before me this 20th day of October, 1966, by Leo B. Spring & G. Z. Spring

My Commission expires [illegible]

Helen H. Flemming
Notary Public

Colo. Geno. Indo. Inc. Form #2 (a)

FORMATIONS: ROCK CREEK MINING DISTRICT

IGNEOUS ROCKS - STOC[redacted] (TERTIARY) GNEISS: P[redacted] Cambrian (Feldspar & biotite)

GRANODIORITE (SNOWMASS MTN. STOCK)

SEDIMENTARY ROCKS: UPPER CRETACEOUS MESA VERDE (±2000 ft.) COAL etc.

UPPER CRETACEOUS

MANCOS SHALE UPPER 5000 FT. ← FT. HAYES LMS. (40 FT. - 90 FT.)

(INCLUDED) NIOBRARA LIMESTONE 70' - 200' ? (Lead King Mine)

MANCOS SHALE LOWER 300 FT.

DAKOTA QUARTZITE 200 / 250 FT.

UPPER JURASSIC

MORRISON FORMATION 600' - 800'

(ENTRTRADA SANDSTONE, INCLUDED IN PLACES)

UNCONFORMITY

CARBONIFEROUS

PERMIAN

MAROON FORMATION 2000' (INEZ, SHEEP MTN. Lun., LUCKY BOY, BLK. QUEEN)

PENNSYLVANIAN

HERMOSA FORMATION 200'

MISSISSIPPIAN

LEADVILLE LIMESTONE 170'-274'

(MISSISSIPPIAN lms.)

UPPER: Massive Limestone)

Skyline mine Pb ore. (dolomite) → LOWER: INTERBEDDED dolomite and limestone of about 40' AV.

DEVONIAN - UPPER

CHAFFEE FORMATION UPPER: DYER DOLOMITE 72'-97'.

PARTING Member: Basal (54', Shales, Shaly lms., & dolomites, and some quartzite) ORE ZONE, Lead Bullet Mine.

→ UNCONFORMITY

ORDOVICIAN

FREMONT LIMESTONE (60'-63')

UNCONFORMITY

HARDING Quartzite (4'-5'), light gray, fine grained, dolomitic-shaly.

CAMBRIAN

MANITOU DOLOMITE, 81'-151', gray to buff, bedded well, chert in upper 10', some serpentine, Yule Ck 81', Treme Mt 151'

PEERLESS SHALE } 219'-278'

← about 90 ft.

SAWATCH QUARTZITE } UNDER PEERLESS SHALE 200' (219'-278')

PRE-CAMBRIAN - Gneiss.

Colo. Geo. Ind. Inc. Form 40, #3 (e)

From the files of Lee W. Sperry, 1948 - 1956.
c/o Mayflower Mining Co.

Apache Claim (Silver Queen Shaft)
Veinmatter: Silver 6.9 oz.

Copper King Claim, surface cuts of
6" to 14" of hanging wall of
exposed vein: Silver 31.2 oz.

Apache Claim (N. of Meadow Mtn. claim)
surface outcrop, Silver 6.8 oz.

Apache Claim (Silver Chief vein)
surface outcrop, #1, Silver 11.8 oz.

From the files of Guy C. Sperry, 1949.

Apache Group, (Lead Queen Shaft)
Veinmatter: Silver 7.53 oz.

Apache Group, (opening on vein, to
the north of Laura Claim, large
vein, etc. Silver 65.0 oz.

Form 40 # 3 (f) Colo. Geological Survey

3. PHYSICAL DESCRIPTION:

a.) Description of past and present mining and exploration operations carried on in the area.

The first mineralization noted and subsequent exploration in the immediate area was around 1880 as qualified by the Lead Chief and Laura claims being patented in 1882. (See map). About 1905 the Lead Chief and Laura received some additional work and exploration and it was at this time that the Lead King mine, which is approximately 1500 feet to the east of the present proposed work, was discovered and production began. Around 1905 the Copper King tunnel was started and the Copper King group of claims were patiented in 1908. The Copper King tunnel was not driven in the proper location and thus did not prove any reserves.

The slopes of the immediate area are dotted with old tunnels and pits indicating considerable exploration in the past. Nearly all the old dumps show sulfides of iron, lead, zinc, copper, and silver. The Lead King mine produced off and on from 1905 on, the last known production being in 1948. Approximately four years ago, Basin Resources of Denver undertook to reopen the Lead King mine and it is presumed that they will get into production this year.

In 1964 a concentrated surface geological and geophysical program was initiated by Mr. Hopkins and Mr. Baker in the area to the west and north of the Lead King mine. The reason for this being noted by the following facts: 1). A definite change in direction was noted in the faults, fissures, fractures, and surface mineralization. 2). New road building in the area and surface cuts indicated numerous mineralized fissures and fracture systems which had not been exposed before. 3). Considerable sulfide mineralization found in the Gabbro, both on the surface and in the Copper King tunnel. 4). A reconnaissance geophysical survey (self potential) across the Copper King claim indicates a fairly strong anomaly proven to a certain extent by stripping by dozer and by assays. A second area which has not been proven or disproven to date, and a third area to the north shows some promise but needs more detail work on it.

b.) Mr. Hopkins initiated the reopening of the Lead King mine. Hopkins and Baker have carried on the geological and geophysical exploration in the area as noted in paragraph a.

c.) U.S.G.S. Bulletin # 884 by John W. Vanderwilt gives to some extent the past production of the area. The last known production was one carload of ore from the Lead King mine in 1948, shipped by Hopkins with a net return of over $3000.00.

d.) To our knowledge there is no known reserves on this group of claims. It is the sole purpose of this proposed exploration program to carry on and try to find some ore.

e.) The area of principal interest is the Meadow Mountain area in Lead King Basin of Gunnison County, Colorado. This area is covered in

a general way but not in detail by U.S.G.S. Bulletin # 884. A new up-to-date Geological Quadrangle map is being compiled at the present time on this area by Felix E. Mutschler of the U.S.G.S., Denver office. The Marble Quadrangle Geological Map adjoining just to the West has been completed and printed in the last year. I merely mention these as a reference.

The general structure of the immediate area is a gently dipping bedded formation to the North and was caused by the up-raising of the Treasure Mountain Stock to the South. The formation dips into a fold and thrust fault from the North caused by the Snow-Mass uplift to the North. Again I refer to U.S.G.S. Bulletin # 884 which gives a very good description of the Elk Mountain thrust fault.

The exposed section in this area which is of primary interest is the Fort Hays Limestone or Lead King Lime as it is locally called, the lower member of the Mancos shale, the Dakota Sandstone, the Morrison formation and the Maroon formation. Several thousand feet of the upper Mancos are also present. All of the above formations are metamorphosed to a minor degree. These formations are cut by numerous dykes, fissures and sills and nearly all appear to be mineralized, showing lead, zinc, copper, silver, and iron sulfides. The immediate area is cut by a fine grained Gabbro dyke varieing in width from 4 to 50 feet in width which in my judgment is very closely connected to the mineralization in the area. There are numerous small nearly vertical faults which are nearly all mineralized and of which only a few have been shown in previous geological work. The Lead King vein at a distance of 1500 feet to the east dips steeply to the North and shows bedding at the base of the Ft. Hays Lime. Recent work shows the vein to be a broad fractured zone 20 to 40 feet in width at the entrance of the mine and not a single dipping fisure vein as was origionally believed. It can be reasonably expected that the mineralized fissures just to the West will be much the same. The ore in the district seems to have formed better in the limey members of the geologic section and because of this we feel that the basal Mancos and Fort Hays Limestone should be given particular attention in any exploration program. (See inclosed map.)

f.) Our reasons for expecting to find ore are: 1.)Surface outcrops or exposures and old workings show strong sulfide mineralization. 2) Strong geophysical anomalies in two places. 3) Production in immediate area. 4) Apparent numerous small nearly vertical fractures in the Ft. Hays lime member and wide fracture zones such as the Lead King not recognized in previous work. 5.) Definite small local changes in the strike and dip of the Ft. Hays lime especially near where the lime crosses Silver Creek. 6.) Cross cut sampleing of surface exposures, (see attached maps and assays.)

g.) Should the office of Defence Minerals Explorations show no interest or decline to participate, then all inclosed material should be returned.

h.) The above physical description is in no way ment to be detailed and complete as it would take many pages and drawings to detail the area.

4. ACCESSIBILITY OF PROPERTY:

a.) The area can best be reached from Glenwood Springs, Colorado via Carbondale, Redstone, and Marble. From Marble one can go into Lead King Basin by way of Crystal up the Crystal River or over a recently completed road directly into Lead King Basin from Marble. It is not anticipated that we can get into the area before the latter part of April due to heavy winter snows.

Persons to contact are Charles A. Hopkins, (office phone-Carbondale, 863-2920 or home phone Glenwood 945-7146, or Sidney M. Baker Glenwood 945-6990.

b.) The shipping and supply point would be Carbondale, Colorado on a branch of the Denver and Rio Grand Railroad. The distance from Carbondale to the Area is 34 miles of which 22 miles is black-top road.

5. EXPLORATION WORK:

a.) The proposed exploration work would consist of three phases:

1. Trenching, cutting and pitting with a dozer and backhoe at the base of the Fort Hayes Limestone on the Silver Pass claims, on the Copper King claims and on one or two selected locations on the Apache claims where surface mineralization is evident.

2. Core drilling on the Copper King claims and possibly on other areas depending on the surface trenching in phase 1.

3. A short exploration tunnel from the south on the Copper King claim to check the surface exposure and geophysical anomaly at depth. Details and descriptions and alternatives of all phases are attached with cost analysis.

b.) Phase 1 would also include dozer and drill roads to get to the selected areas. Aroad would have to be built thru timber on Silver Pass claims #1 and #4, passable to a dozer and light truck or pickup to the base of the limestone shown on map on Silver Pass claims from the now existing road into the Basin area. The road would be strickly reconnassiance for exploration nature only, see cost analysis details.

c.) Work could begin by late April or early May depending on weather and if two or more phases were carried on at the same time, the work could be finished by September or Early October. (See cost estimates on completion time.)

6. EXPERIENCE:

See attached sheets on experience. The work will be supervised concurrently by S.M. Baker and Charles A. Hopkins deviding the work or phases into partials which can be carried out and supervised by either person.

7. ESTIMATES OF COSTS:

Bids ?

See attached detail cost estimates.

a.) Costs estimates are set up such that either a contractor or Colorado Geneva Industries may carry them out. Colorado Geneva Industries has available at the present time, a D-8 dozer, a D-4 loader, 1½ yard backhoe, trucks, a Longyear core-drill, and a limited amount of underground mining equiment, however certain items for subsurface exploration would have to be leased or purchased. The costs are based on up-to-date rental quotations.

b.) Personal Services:

A limited amount of Engineering and supervision has been incorporated into the estimates, however, if full supervision including all engineering and geological and record keeping reports were to be done by Colorado Geneva Industries personnel, an additional amount of $1200.00 per month during the duration of the exploration contract must be added to the present costs estimates.

Items c,d,e,f, and g are covered in detail in the cost estimates for each phase of the exploration. (See attached sheets.)

DRILLING AND COREING PROGRAM***MEADOW MOUNTAIN CLAIMS

1. Costs are based on using a model 24 Longyear drill in our possession.
2. Costs are based on the following footage:

2 holes @ 600 ft. each	1200	feet
2 holes @ 200 ft. each	400	feet
2 holes @ 100 ft. each	200	feet
TOTAL	1800	feet

3. Costs are based on an average drilling and coreing rate of 30 ft./day or 150 ft/week. (NOTE: this rate could be higher depending on the actual footage cored per hole.)

Total time: 12 weeks.

4. The following equipment would be needed and would be purchased as needed:

1--Core Barrel @ $300.00 ea.	$300.00	
5--Dia. Bits @ $200. ea.	1000.00	
10-Cone Bits @ $30.00 ea.	300.00	
5--Dia. reaming shell @$70.00 ea.	350.00	
200 ft. AX rod @ $18.00/10 ft.	360.00	
TOTAL	$2310.00	$2310.00

5. Costs of drilling 1800 feet:

Labor $50.00/8hr day	$3000.00	
Fuel 12gal/8hr 12wks	288.00	
Supplies (oil, grease,parts @ 20¢/ft	360.00	
Surveying @ $75.00/day, 5day	375.00	
Dozer work-drill locations, roads	500.00	
Casing 40'/hole @ 60¢/ft	144.00	
Core Boxes, storage	100.00	
Supervision @ $100.00/wk	1200.00	
Rent on drill@ $100/ft	1800.00	
TOTAL	$7767.00	$7767.00

6. Expenses for two man drill team due to remoteness of area, no living or eating facilities:
   Expense--drill team/$4.00/day $336.00 — $ 336.00

7. Miscellaneous--maps, assays, bookeeping, firstaid equipment, etc., equal to 10% of items 6 and 7: $810.00 — $ 810.00

TOTAL $11723.00

Cost per foot: $6.51/ft.

(NOTE) This cost/ft. may be reduced considerably by reducing the actual coreing and taking only cutting samples down to the favorable horizon.

(NOTE) Two local contractors have given verbal bids of $7.10 and $7.25 each per foot drilled. 17

Colo. Gen. Ind., Inc Form 40 #7(a-s)

TUNNEL EXCAVATION----MEADOW MOUNTAIN EXPOSURE

1. a. 370 ft of tunnel--7'x7' giving 120 ft of back from exposed mineralized area.
   b. Total time to prepare tunnel site, move in equipment and set up same---one week.
   c. Total time to excavate @ 10' advance/day average--37 days working time on 2 shift basis consisting of 4 men/shift and supervisor.
   d. Total time to tear down equipment and move out--5 days.

2. Rental equipment on basis of 1½ months:

360cuft Compressor @ $560.00/mo.	$840.00	
12-B Eimco loader@ $285.00/mo	427.50	
Air Trammer@ $245.00/mo	368.00	
21 cuft cars @$50.00/mo. ea. 7 cars	525.00	
Air legs & feeder bars drifters @$120/mo 2-	360.00	
Generator @$250.00/mo.	375.00	
Total	$2895.50	$2895.50

3. Preparation of tunnel site:

1 D-8 Cat. @$20.00/hr--2 days	$320.00	
1 Backhoe @ $20.00/hr--2 days	320.00	
2 Dump trucks @ $6.00/hr each 2 days	192.00	
Total	$ 832.00	$ 832.00

4. Tunnel equipment cost:

400 Ft. rail 20# @ $210.00/ton	$560.00	
400 ft. ventilation pipe @$150.00/100ft	640.00	
400 ft 4" Airline 14Gage@ $85.00/100ft	340.00	
400 ft 1" waterline @ $25.00/100ft	100.00	
20'x20' sheet-iron sideing change house	800.00	
8'x10' storage house (tools,bits,hoses etc)	450.00	
Total	$2850.00	$2850.00

5. Labor and Supervision expense--2 shifts:

Preparation and setup of equipment 4 men@ $30.00/da-5 days	$ 600.00	
Tunnel exc. 8men @$30.00/da--37working da	8840.00	
Tear down and removal equip 4men@$30.00/da 5 days	600.00	
Supervision & planning @$900.00/mo-2 mo.	1800.00	
Total	$11840.00	
12% of total labor for (Ins., compensation, unemployment,soc.sec.taxes, etc	1420.00	
Total	$13260.80	$13260.80

6. Supplies:

Explosives	$1050.00	
Fuel-Diesel and gas	1000.00	
Oil, greases	150.00	
Drill steel, bits, hose, clamps, etc	1500,00	
Caps, fuse, spitter etc.	100.00	
Welding supplies	100.00	
Tools--shovels,wrenches, hammers, etc.	100.00	
Total	$4000.00	$4000.00

7.	Timbering, ties, etc. @ $10.00/ft-------$3700.00		$3700.00
8.	Freight on Equipment and Supplies-------$1000.00		1000.00
9.	Bookeeping (contract)----------	300.00	300.00
		TOTAL	$28838.30

NOTE: Item # 7, timbering, could be considerably less as nearby tunnels have very little timbering and have been open for over 40 years.

10. Cost/ft.--Labors and Supplies:----------$46.65/ft.

11. Total or overall cost:----------$77.94/ft.

ALTERNATE PLAN--SAME EXPOSURE

Should it be decided to rehabilitate the old Copper-King tunnel and go in from there:

The footage would be the same but it would necessitate a battery ordiesel trammer due to the longer haul distance, additional rail, airline, and water line.

2½ ton diesel trammer @$450.00/mo.-------	$ 675.00	
clean and re-timber 50' @$10.00/ft------	500.00	
1100 Ft. additional rail @$210.00/ton---	1539.00	
1100 ft. additional vent.pipe @$216/100'	2376.00	
1100 ft. additional air line @$85.00/100'	935.00	
1100 ft additional 1" water line $25.100'	275.00	
Freight on above	200.00	
Labor to install-6 men @$30 ea/day-5 day	900.00	
Total added Cost	$6825.00	$6825.00

OPEN CUTS--TRENCHING--PITS--ROADS

The following trenching, open cuts, pits and road building are recommended for further surface exploration in areas on Colorado Geneva Industries property which show promise either by oxidized surface outcrops, float, or ore on old surface pits and dumps.

The work can generally be done with a dozer and past experience has shown a cost of about $2000.00/mile.

1.	Clearing timber--2 men @ $50.00/day------	$600.00	
2.	Silver pass claims--surface cuts and trenching at base of limestone-	7400ft.	
3.	Trenching and pits Copper King claim	600ft	
4.	Open cut-Apache claims	500ft	
	Total	8500 ft	
5.	Trenching and open cut of 8500 ft. with D-8 Dozer @ $2000.00/mile----------	$3200.00	
6.	Total of above work----------	$3800.00	$3800.00

SUMMARY COST OF THREE PHASES OF EXPLORATION PROGRAM

1.	DRILLING AND COREING PROGRAM------	$11723.00	
2.	TUNNEL EXCAVATION----------	28838.30	
3.	ROADS PITS TRENCHING AND CUTS-----	3800.00	
	TOTAL	$44361.30	$44361.30

EXPERIENCE AND QUALIFICATIONS: S.M. Baker

Born March 3, 1919 in Folsom New Mexico.
Age: 48
Education:

Early schooling in Glenwood Springs, public school system.

1939-1940 Attended Pasadena Junior College--California

1940-1942 Colorado School of Mines

1942 O.C.S, Fort Belvoir, Virginia
Terrain model School, U.S. Navy, New York, N.Y.

1943-1946 U.S. Army Engineers--Europe and Pacific theaters. Planning and training officer of the 524th Topographic Engineers in the European theater. Commanding officer of the 524th in the Pacific theater.

1946-1947 Colorado School of Mines
Degree in Geological Engineering, June 1947

Experience:

A member of the student group that extended the known ore re-reserves of the Malachite Mine, Jefferson County, Colorado. U.S.G.S. Bulletin # 1098-C, and Technical Publication No. 1947 of the American Institute of Mining and Metallurgical Engineers.

The origional geophysical work, self-potential, electro-magnetic and magnotometer work done by students under the supervision of Dr. C.A. Heiland, Dart Wantland, and R.M. Tripp.

1947-1955 Phillips Petroleum Company-Geophysical devision of the land and geological department. I was a field supervisor and geophysicist in the gulf-coast and southwest region.

1955-1960 Colo-Tex Stone Company--Manager and owner. Quarrying, finishing, and sales of structural building stone, and stone building products.

1960-present date: Basic Chemical Corporation. Mining Superintendent and Engineer.

1966-1967 Co-organized Colorado Geneva Industries for the exploration, development and mining of base metals.

Professional Organizations:

Life member of Theta Tau Engineering Society
American Association of Professional Army Engineers--
Student member. American Association of Petroleum Engineers

Colo. Gen. Ind. Inc. Form 40 #6

U.S. NAVAL ADVANCED AMPHIBIOUS TRAINING BASE
FOWEY CORNWALL

3 November, 1944.

From: Commanding Officer, U.S. Naval Advanced Amphibious Training Base, Fowey, Cornwall.
To: Ensign C. A. Hopkins, CEC, USNR.

Subject: Letter of Appreciation.

1. This is to express my thanks and appreciation to you for the excellent manner in which you have performed your duties as Public Works Officer while attached to this base. You and the men of the 97th Construction Battalion have pitched in and done your jobs in a most skillful and satisfactory manner. Your men have respected and admired you as has been evidenced by the caliber of their work and the spirit in which they have carried out their orders. You are to be commended for the work you have accomplished here and are deserving of the highest praise.

2. I have enjoyed knowing and working with you and hope that in time to come we may have the privilege of working together again. I wish you the best of luck and sincere good wishes for your continued success.

J. H. Knight
J. H. KNIGHT

cc:
CO 13th Reg. USNCR.

L. S. HARNER, MANAGER TELEPHONE 505

CALIFORNIA GULCH MINING & MILLING CO.
MILL DEPARTMENT
P. O. BOX 939
LEADVILLE, COLORADO

October 18, 1943

To Whom it May Concern:

Mr. Charles Hopkins entered into a business partnership May 1939 and continued active in the business up to the present time.

The undertaking was the construction and operation of a metals recovery plant to make available from otherwise waste mine dump the zinc, lead, copper, gold and silver contained therein. Up to now the venture has been successful and is at present a going concern, handling a tonnage of about 500 tons at the present time.

Mr. Hopkins helped build and operate the recovery plant and also engaged actively in a mining operation.

His earnings over the last four years have been substantially $10,000.00 per annum, as reflected by the books.

Duties performed by him in connection with the undertaking consisted of civil and mining engineering, test work in metallurgical laboratory, technical adviser in operation and actual operator and supervisor of mills. His work in the mine consisted of supervision, surveying, mining method, surface construction and general engineering.

Number of men employed varied from eight or ten to over forty in the milling operation and up to twenty men in the mining operation.

Furthermore Mr. Hopkins was employed by the Leadville Metals at the time I was manager in 1935 and 1936. Work done by him at that time was civil engineering and assaying.

His experience as herein setforth and his high school and technical education ought to make him a valuable man for any work he undertakes that has to do with supervision or technical employment or service.

California Gulch Mining & Milling Co
By L. S. Harner
L. S. Harner - Manager

U. S. NAVAL AIR STATION
WOLD CHAMBERLAIN FIELD
MINNEAPOLIS, MINNESOTA

23 April 1946.

Lt. (jg) Charles Abner Hopkins,
% Mr. Sherman L. Harner,
Continental Building,
Leadville, Colorado.

Dear Lieutenant Hopkins,

On your separation from the Navy I wish to extend my appreciation of the service you have rendered the Navy in time of war.

During your tour of duty at this Station from 8 December 1945 to 9 April 1946 you performed your duties in a most satisfactory manner. The loyalty and devotion to duty which you displayed materially contributed to the successful accomplishment of a final victory.

It is my sincere hope that now since you have returned to civilian life you will be as successful in your endeavor as you were in the Naval Service.

Sincerely yours,

W. B. Whaley
W. B. WHALEY,
Captain, U.S. Navy.

AMERICAN SMELTING AND REFINING COMPANY
UTAH DEPARTMENT
SALT LAKE CITY, UTAH

Oct. 29, 1943

To Whom It May Concern:

I became acquainted with Mr. Charles A. Hopkins in Jan. 1943. At this time he was operating the Valley mine near Leadville, Colo. During the course of my careful investigation of this property I found that all phases of the operation were carried on in an efficient and workmanlike manner, and that Mr. Hopkins had the respect and affection of the men working under his direction.

At a somewhat later date I had occasion to employ Mr. Hopkins as a field assistant, and I found him to be a capable and conscientious worker.

Yours very truly,
M. W. Rankin
M. W. Rankin, Geologist

PHONE PYRAMID 4-0485

BROADMOOR ASSOCIATES, INC.

HOME BUILDERS • DESIGNERS • CONTRACTORS • CONSTRUCTION ANALYSTS • SUBDIVIDERS

P. O. Box 215
LITTLETON, COLORADO

Dec. 5, 1957

To Whom It May Concern:

During 1954 — 1955 — 1956 — and a portion of 1957, Charles Hopkins was contracted to do considerable work for us, including:

Planning proposals of streets, utilities, land drainage, parking areas, contour and topographic studies.

Establish grades, prepare plans, profiles and cross-sections.

Prepare land title details and maps, including tract boundaries, our subdivision and land surveys in general.

Survey and prepare drawings for water, sewage, etc. installation.

Prepare and certify survey maps for individual sites in subdivision.

We do not hesitate to recommend Mr. Hopkins, and further state he works fast and accurately.

Very truly yours,
BROADMOOR ASSOCIATES, INC.
Frank Flesher
Frank Flesher
Sec-Treas.

ASSOCIATED REAL ESTATE COMPANY

PYRAMID 4-1581

★ HEALTHFUL-COLORFUL COLORADO ★ ALL TYPES OF REAL ESTATE ★ INSURANCE ★

301 WEST MAIN STREET
LITTLETON, COLORADO

December 6, 1957

TO WHOM IT MAY CONCERN;

The following classifications and types of engineering and surveying work were accomplished by Charles A. Hopkins on our lands and properties:

1. Planning proposals of streets, utilities, land drainage, parking areas, minicipal or metropolitan parks. Contour and topographic studies, etc.
2. Surveying, engineering and construction of streets, lanes, parking spaces and areas and parkways. Establish grades, prepare plans, profilse and cross-sections.
3. Land and title details and maps including tract boundaries, subdivision and general land surveys.
4. Planning, construction specifications and proposals, field and construction surveys, design of appurtenances and structures and necessary drawings for complete water, sewer and storm drainage systems.
5. Inspection and supervision of construction.

This work was done for the City of Littleton and myself during the past six years, during which period I served as Mayor of Littleton, for two years, 1956, 1957, and as a private developer. His work has been entirely satisfactory and he is a man of high character.

Sincerely,
Frank A. Randall
Frank A. Randall, Owner - Broker.

Denver ARAPAHOE COUNTY

PYramid 4-1501

board of county commissioners

court house • littleton • colorado

John V. Christensen
District No. 2

Vincent A. McMillen
District No. 3

Ed Scott
District No. 1

Marjorie Page
Clerk to the Board

Richard D. Dittemore
County Attorney

May 22, 1963

Mr. Charles A. Hopkins
5995 S. Crocker
Littleton, Colorado

To whom it may concern:

I have known Charles Hopkins for more than twelve years in a personal way and in his capacity as an engineer.

I have had occassion to be acquainted with his work in my capacity as a City Councilman of Littleton and as Arapahoe County Commissioner for the past ten years.

I have known Mr. Hopkins to be reliable and conscientious, displaying a very practical approach to his work.

I do not hesitate to recommend him in any endeavor he might undertake.

Sincerely,
John V. Christensen
John V. Christensen, Chairman
BOARD OF COUNTY COMMISSIONERS

Varian L. Ashbaugh
1199 Ridge Road
Littleton, Colo

12 December 1957

TO WHOM IT MAY CONCERN: Re: Mr. Charles Hopkins.

Gentlemen:

My building in Littleton in the last ten years consists of residential developements, complete subdivision layouts, master-planning, a community shopping center, and public park developement.

Mr. Charles Hopkins has been quite capable of supplying all the required engineering, the contouring, the land and title details, storm drainage studies, sewer system design, down through the inspection and supervision of construction.

Mr. Hopkins is a precise and meticulous worker. He operates out of a well equipped office, and with an excellent staff.

Sincerely,
Varian L. Ashbaugh
Varian L. Ashbaugh
Contractor

1199 Ridge Road
Littleton, Colo

Charles A. Hopkins, R. Engr. (Colo), & L.S.

EDUCATION AND EXPERIENCE RECORD

NAME: CHARLES A. HOPKINS, Registered Engineer and Land Surveyor
~~c/o LITTLETON TECHNICAL SERVICES~~ c/o Hopkins & Assoc.
~~141-143 S. Nevada Avenue~~ Box Q
~~Alamo Building~~ Carbondale, Colo.
~~Littleton, Colorado~~

Date of birth: June 26, 1908. City: Oshkosh. State: Wisconsin.
Citizen of United States: Yes Resident of Colorado: From May, 1935
Marital status: Married Number of Dependents: Three
Height: 5 Ft. 8½ In. Weight: 150 lbs. Physical Condition: Good
Discharged or forced to resign from position: No Police record: A-1
Military Service: Yes Time of Enlistment: 1943 thru 1946
Type of Separation: To inactive duty under honorable conditions

EDUCATION:

Elementary School: 8 Grades, Lincoln School, Oshkosh, Wisconsin.
High School: 9th thru 12th, Oshkosh High School, Oshkosh, Wisconsin.
College or other special courses taken:
Michigan, College of Mining and Technology, Houghton, Michigan.
Degree: B.S., 1932, General Engineering and Geology.
Camp Peary, Virginia - Courts and Boards Extension, Study.
William and Mary, Williamsburg, Virginia, (U.S.Navy), Public Works.
U.S. Navy, Technical Mission-Europe - Paris, France, Conferences.
U.S. Navy, Public Works Planning and Construction, Extension study, London, England

MEMBERSHIP, Professional Societies, Registrations, etc.

Registered Professional Engineer, Colorado No. 0846
Registered Professional Engineer, Michigan ., passed exam. 1931
Registered Professional Engineer, Wisconsin, Michigan complimentary, 1933
Registered Professional Land Surveyor, Colorado No. 0846
National, Fellow Member, American Congress on Surveying and Mapping
Colorado Chapter, Member, American Congress on Surveying and Mapping
Bond #3386: Underwriters at Lloyd's, London, England, & W.J.Robbins & Company, Chicago, Illinois
(1957-1960) Burtin, Rowe and Viner, Ltd., London, England

EMPLOYMENT:

1928-1932
Summer employment during college years:
City of Oshkosh, Wisconsin, F. Wolverton, City Engineer-City surveys
Larson Construction Company, highway construction- job site Surveyor and Engineering Aide

1932-1934
Engineer, Civil, Accident claim studies for legal and claim work under Barnard and Mullen, Wisconsin, Attorneys for various national insurance companies
Engineer, Survey and Municipal - Civil Engineering work in the Cities of Oshkosh, Milwaukee, Brillion, and Green Bay, Wis. Salary: $ 2500. to $ 3500.
District Engineer, Dept. of Interior, Bureau of Biological Survey - 5-County area in Central Wisconsin, Supervisory and Engineering Direction with an Assistant Engineer and Secretary; average of 10 Projects of 40 men per Project; Programs in organized drainage districts- design, construction and maintenance, surveys, maps, topography, grade work, cut and fill, soil analysis, section and land survey, design of forms and reinforcing, earth dam construction and flood-line surveys, and extensive district drainage reclamation projects, under Professor Jones, University of Wisconsin, Madison, Wisconsin
Salary: Approximately $ 3800.

1934-1935
Consulting Engineer, (see above) Drainage Districts, State of Wisconsin - structures, soil analysis, design and construction
Civil Engineer - Land and property surveys in Central Wisconsin
Mining and Geological Engineer - Hahns Peak Mining and Milling Company at Columbine, Colorado
Salary: Stocks and Salary, Approximately $ 4000.

1935-1937
Assistant General Superintendent and Engineer, Leadville Metals Milling Company, Leadville, Colorado, and Denver - Construction and Operation: Plant capacity, 400 tons per day; loading, hauling, crushing, grinding, leaching, concentration and flotation, markets, surveys and maps, laboratory tests and analysis, assay and cyanite analysis, and screen mineral analysis. Personnel - 50.

Colo. Gas Ind. Inc. Form 46

1937-1938

Harner and Hopkins, Engineers - Consulting and Processing, Leadville, Colorado - construction, geological, gravel processing, analysis, survey, design, and reports
Salary: $ 3200. to $ 3800.

Royment Mining Company, Superior, Arizona: Consulting Engineer and Assistant Superinteddent of 100-ton per day silver-lime-flux base operation for Magma smelter at Superior, Arizona.

Potash Company of America, Carlsbad, New Mexico: Night Superintendent of 1000-ton per day refinery.

London-Butte Company, Alma, Colorado

Eureka-Saturday Night Mining Company, Twin Lakes, Colo.

Placita Coal Company, Carbondale, Colorado

1939-1943

Self-employed in 20% owned Company, the California Gulch Mining and Milling Company, Leadville, Colorado. (After 1944, Arkansas Valley Milling Unit of American Smelting and Refining Company, Leadville, Colorado.)

Mining and Milling concern, 80 to 100 men, 600-ton per day, producing gold bullion and gold, silver, lead, zinc and copper concentrates for smelting; consulting Engineer and assistant general manager of underground and open pit mining, loading and hauling, plant reduction and processing, marketing, accounts and records, analysis mineral testing laboratory studies, design and construction, mine examinations, custom ore buying, and roadway construction.

Salary: Over $ 10,000.

Valuation increase of Company from original $ 10,000 investment in 1939 to appraised value of over $ 350,000. in 1942.

(Volunteered for U.S. Navy in 1943)

1943-1944

U.S. Navy, Civil Engineering Corps; Seaman to Associate Engineer, Petty Officer to Ensign, Camp Peary, Virginia - Basic Training, Petty Officer Training, Commissioned Officer Training, Navy Public Works Study, and Training of Inductees.

1944

U.S.Navy, Civil Engineering Corps: Officer-in-Charge of Landing Craft Pontoon Barge(RHF) and Tugboat with 40 personnel, & C.P.O's and assigned to 11th Amphibious; trained at Falmouth, Cornwall, England; At Omaha Beach Landings, Normandy, France, H-hour D-day "Sixth day June"

1944

U.S. Navy, Assistant Public Workd Officer at U.S. Navy Supply Base, Exeter, Devon, England.

Public Works Officer, Amphibian Sub Base, Fowey, Cornwall, England.

1945

U.S. Naval Technical Intelligence Mission-Europe: In Germany, Holland, Denmark, France, and Belgium; % Admiral Shade, Royal Monsou, Paris, France - Field investigation, European Theater, harbor and port structures; design, equipment, V-1 and V-2 projectile launching site studies and reports; construction details and equipment, sea diversion walls and tide water control; German concrete reinforcement study, German "pump-crete" concrete method studies, interrogation of German scientific authorities - reports for Navy intelligence

1945-1946

U.S. Navy, Wold-Chamberlain Field, Minneapolis, Minnesota: Staff Officer, Officer-in-Charge of Public Works Department and Base Maintenance; Personnel included 2 Jr. officers, various department supervisors (Chief Petty Officers and Civil Service Classified) , and about 250 skilled and semi-skilled departmental personnel. Complete authority of all public works maintenance and construction activity. Leases of land, legal disposition of existing leases and commitments to United Air Lines and various landing strip leases in vicinity.

Transferred departmental personnel from all-Navy operation to all-Civil Service supervision and personnel.

May 2, 1946

Transferred to inactive duty under honorable conditions at Great Lakes, Illinois.

1946-1949
Consulting Professional Engineer, Leadville, Colorado.
Retained by:
Busk-Ivanhoe Corporation, c/o Golden Cycle Corp.
Colorado Springs, Colorado
Valley Mines, Inc., Leadville, Colorado
New Monarch Mines, Leadville, Colorado
Ibex Mining Company, Leadville, Colorado
Mining and Tunneling operations, Engineering, surveying, marketing, etc; legal, leases and contracts.
Open pit earth and rock excavations, cut and fill studies.
Property surveys, geological and ore-dressing studies.
Water diversion, ditch and control structures, dam design and site location study, construction.
Topographical survey and mapping, soil tests, and geological study for placement of sub-surface structures. Annual average - $ 5500.

1948 - Lead King Mine (c/o C. Hopkins) Shipped 64T. Ore, Net $3,200.00 est.

1949-1958
Consulting engineer and Surveyor:
Town and City of Littleton - 50%
Property owners and other Firms - 50%
Engineering design and supervision streets, water and sewer extensions and appurtenances, plans, drawings, computations, legal descriptions and surveys, sanitation and water districts, topographical surveys, ets.

1958-1960
LITTLETON TECHNICAL SERVICES, Engineers and Surveyors, organized for general municipal engineering and surveying business.
(same duties as outlined above)
Associate, 1957, William O. Davies. (Left to become City of Littleton Engineer)
Associate, 1957-1960, Ralph G. Finlay, Engineer and Registered Land Surveyor

1960 - 1965 GENERAL ENGINEERING - SELF EMPLOYED.

Mining - Metallurgical - Geological - Civil
- lands & properties reports and valuations; economics a nd feasibility studied.
-title search, land engineering, legal aspects, owner data.
- project planning.
-mineral properties - tracts and claims.
- property evaluations. - Reports.
-mining, and general engineering map compillations - research and presentation.
-treatment processes and mineral economics - plant design and capacity studies.

- ORGANIZED Basin Resources, Inc., (Lead King Area) & Claims (40 Ac.)
- Exploration, etc., Consulting engr. & V. Pres.

1965 to 1967 (March)

Change of location from Littleton(Denver), Colo. to Glenwood Springs, Colo. (1965)
Reason: More immediate location to mining activities of Aspen, Leadville, Rifle, etc.
- because of reduction and curtailment of general activities in Martin Corp. areas and general defence reduction.

Gen. Cons. Eng. & Survey, Offices in Glwd. Sps. and Carbondale, Colo.
Present Office (March 1967) Mobile, office Trailer, 1 Blk. So. of Schools, Hwy. #133, Carbondale, Colo., P.O. Box Q, Corp. Gen. Industries, Inc., c/o All Co Maps, & C.A. Hopkins, etc.

- Co-organized COLORADO Geneva Industries, Inc. for exploration & development of Copper King Mine Area, survey and geophysical survey.

Office of Minerals Exploration
Building 53 Room 28

December 26, 1972

Mr. Charles Hopkins, Secretary
Colorado Geneva Industries, Inc.
914 Grand Avenue
Holy Cross Electric Building
Glenwood Springs, Colorado 81601

OMEISION
COPY
O. M. E.
RECEIVED
DEC 29 1972
INITIALS DATE
Cal 1/20 M
Rand
HK 1/20

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Hopkins:

Enclosed are the original and three copies of proposed Amendment No. 5 (two pages) to the subject contract, signed for the Government.

If the proposed amendment is satisfactory to you, all four copies should be signed by an authorized representative of you as the Operator; please retain the "Operator's Copy" and return the rest of the copies to this office.

If any part of the proposed amendment does not have your approval, the original and all copies are to be returned to this office together with the proposed changes for consideration.

Sincerely yours,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

cc: Chief, OME
OME-6613
OME chron
Mr. Hasler

COPY O. M. E. RECEIVED DEC 21 1972 INITIALS CODE

1ST COPY NOV. 72 OK Rw 12-15-72

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OPERATOR'S MONTHLY VOUCHER

For Month of NOVEMBER 1972

Docket No. OME- 6613
Contract 14-08-0001 2287
Contract Amount $ 34,360.00
Gov't. Participation % 62½ $ 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES INC.
Address 1011 GRAND AVE., GLENWOOD SPRINGS, COLO. 81601

FOR OPERATOR'S USE					FOR GOVERNMENT USE ONLY			
COST ITEMS (FROM EXHIBIT A)	THIS MONTH		TO DATE		THIS MONTH		TO DATE	
	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS
DRIFTING @ $55./U.(ft)	5.	$ 275.00	419.00	23,045.00	5	$275.00	419	$23,045.00
OFFICE	0.	0.	6.	300.00	–	–	6	300.00
SUPT.-ENGR. @ $750./U.	0.	0.	7.28	5,460.00	–	–	7.28	5,460.00
ASSAYS- Cu @ $ 3. ea	0.	0.	13.00	39.00	–	–	13	39.00
" Ag-Pb-Zn @ $ 1.50"	0.	0.	32.00	48.00	–	–	32	48.00
LONG HOLES@$1.75/U(ft) 3 @ 25U.(ft)	75.	131.25	131.25	131.25	75	131.25	75	131.25
TOTALS	80.	$ 406.25	608.53	29,023.25		$ 406.25		$ 29,023.25

I certify that the above bill is correct and just and that payment therefor has not been received.

Date DEC. 2, 1972 *Payee COLORADO GENEVA IND. INC.

Per C. A. Hopkins Title SECRETARY

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hooker OME Field Officer Date 12/12/72

253.90 (63) 14X0804
(200.00) CR 14X6875(68)

Approved for: $ 53.90 NET TO PAYEE
(SUBJECT TO AUDIT)

Signature BMT

Date 20 DEC 1972 Vou. No. 08712A

(SEE OTHER SIDE)

FOR OPERATOR'S USE	FOR GOVERNMENT USE
REMARKS	REMARKS Withheld $200.00 pending execution of Amendment No. 5 and resumption of work in Spring 1973.

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - NOVEMBER 1972 - PART II

FROM: Colorado Geneva Industries, Inc.

Docket No. OME 6613
Contract 2287
Date: Dec. 4, 1972

Project work on the contract continued until Nov. 21, 1972 and was suspended because of the heavy snowfall which exceeded four (4) feet in depth. Ground water drill hole pressure continued to increase during the month and only five (5) ft. of drifting advance was accomplished during the month.

Three long holes were drilled during the month and are shown on the Plan drawing on the lower portion of this report, as follows:

#1 - 25 ft. long at the 330 unit (ft.) location and drilled horizontally in a southwesterly direction and disclosed considerably more vein matter and base metal sulphides.

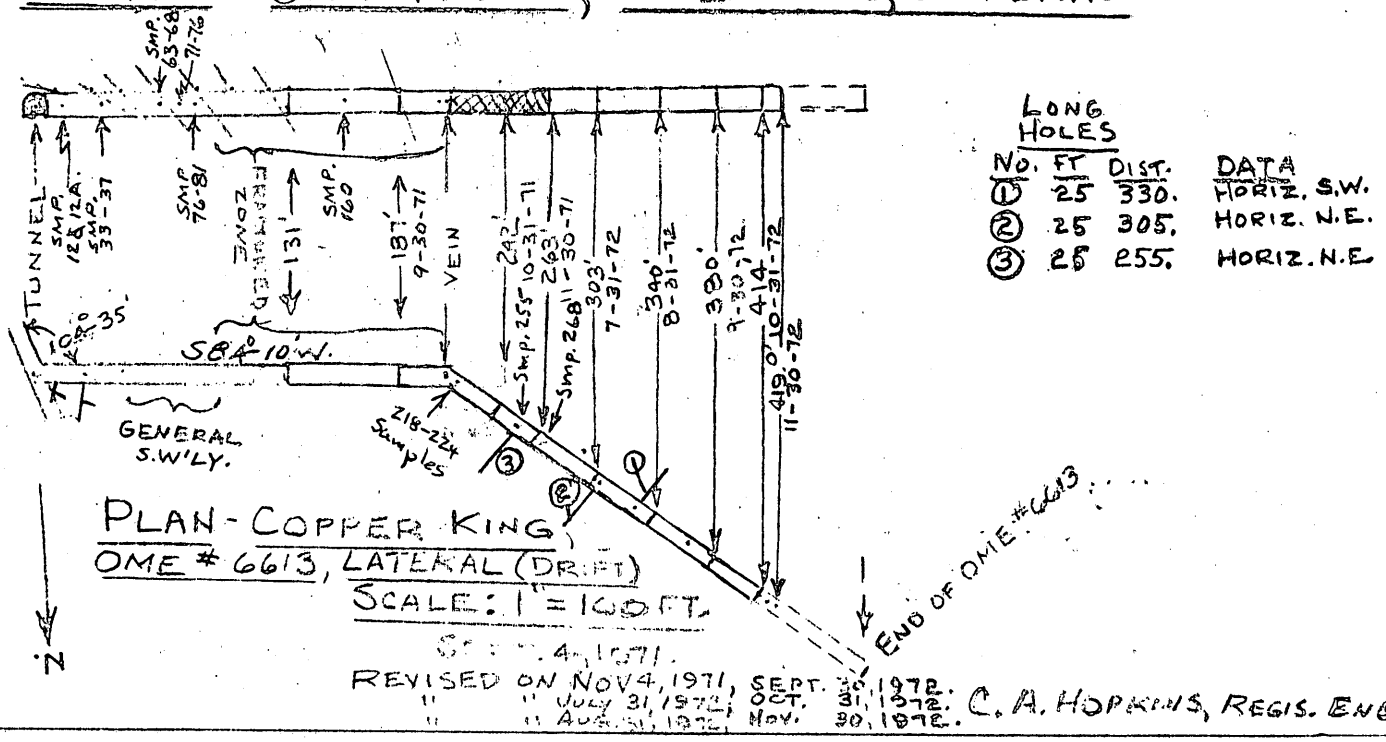
#2 - 25 ft. long at the 305 unit (ft.) location and drilled horizontally in a northeasterly direction and disclosed scant pyrite mineralization in the same type of rock the drift has been penetrating.

#3 - 25 ft. long at the 255 unit (ft.) location and further description is the same as hole #2.

Interval samples were taken on the above described long holes and will be discussed in a later report along with assy results of the samples.

By C. A. Hopkins
C. A. Hopkins, Regis. Engr.
& S.M. Baker, Geologist.

PROFILE - COPPER KING, OME #6613, LATERAL.



PLAN - COPPER KING, OME # 6613, LATERAL (DRIFT)

SCALE: 1" = 100 FT.

SEPT. 4, 1971.

REVISED ON NOV 4, 1971, SEPT. 30, 1972.
" " JULY 31, 1972, OCT. 31, 1972.
" " AUGUST, 1972, NOV. 30, 1972.

C. A. HOPKINS, REGIS. ENGR.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey
Branch of Budget and Finance
Washington, D. C. 20242

ADMINISTRATIVE SUSPENSION STATEMENT

Name and Address of Payee:

Colorado Geneva Industries Inc.
1011 Grand Ave.
Glenwood Springs, Colo. 81601

Amount Claimed:	Differences (Explained Below)	Amount Approved
$ 406.25	$ 200.00 Govt Partic.	$ 406.25 253.90 (Govt part-62.5%) (200.00) Withhold 53.90
Bu. Voucher No.	Payee's Invoice No.	Period
	Docket #6613 Contract #2287	November 1972

EXPLANATION

$ 200.00 withheld pending execution of amendment no. 5 and assumption of work in Spring 1973.

Any reclaim for items deducted must be included as a separate item on subsequent monthly voucher and supported by the original of this statement.

Branch of Budget and Finance

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/20/72	Weeks	120
		120
		220

December 20, 1972

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are the original and three copies of proposed Amendment No. 5 (two pages) to the subject contract, signed for the Government. An extra copy of the amendment is also enclosed for Field use.

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

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

Harold Kirkemo

Harold Kirkemo

Enclosures

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

GLAult/a 12-20-72

Rec'd General Legal Services 12-18-72

DRAFT: 12/15/72 RWeeks:cac

12/18/72 Martin

Final

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 5

It is agreed this_____day of_____, 197 , between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective December 1, 1972, as follows:

1. (a) Work under the Contract may be suspended during the period beginning December 1, 1972, and ending no later than July 15, 1973.

-3

(b) The Government shall not contribute to any costs incurred during the period of suspension.

(c) The Government shall not contribute to or be liable for any costs of rehabilitation or repair or any other costs which would not have occurred if there had been no suspension of work, or which may arise out of this suspension.

(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 I(a) of the Contract for completion of the work, as amended by Amendment No. 3, is further extended from thirty six (36) to forty eight (48) months from the date of the Contract, or to December 17, 1973.

3. The maximum period for royalty payments as provided in Article 6(b) of the Contract and for the lien to secure payment thereof, as amended by Amendment No. 3, is further extended from twelve (12) to thirteen (13) years from the date of the Contract.

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

Except as amended herein Exploration Contract 2287 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration
U. S. Geological Survey

COLORADO GENEVA INDUSTRIES, INC.

By_____

Title_____

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/15	Weeks	
12/18/72	Kirkham	

December 15, 1972

Memorandum

To: The File

From: Robert A. Weeks

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Justification for Amendment No. 5

The Operator has requested to recess the project from late November, 1972 to July 15, 1973 and to extend the contract. Deep snowfall has terminated access to the property for the winter.

It is in the interest of the Government to complete the exploration project, which has shown some increasing mineralization as the target area is penetrated. I concur in the Field Officer's recommendation to amend the contract.

Robert A. Weeks

Robert A. Weeks

cc: Director's reading file
Mineral Resources
OME reading file
Mr. Weeks

RWeeks:cac 12/15/72

RWeeks
120 HK 12/8/72
120M

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 5

It is agreed this_____day of_____, 197 , between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective December 1, 1972, as follows:

1. (a) Work under the Contract may be suspended during the period beginning December 1, 1972, and ending no later than July 15, 1973.

(b) The Government shall not contribute to any costs incurred during the period of suspension.

(c) The Government shall not contribute to or be liable for any costs of rehabilitation or repair or any other costs which would not have occurred if there had been no suspension of work, or which may arise out of this suspension.

(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 I(a) of the Contract for completion of the work, as amended by Amendment No. 3, is further extended from thirty six (36) to forty eight (48) months from the date of the Contract, or to December 17, 1973.

3. The maximum period for royalty payments as provided in Article 6(b) of the Contract and for the lien to secure payment thereof, as amended by Amendment No. 3, is further extended from twelve (12) to thirteen (13) years from the date of the Contract.

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

Except as amended herein Exploration Contract 2287 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration
U. S. Geological Survey

COLORADO GENEVA INDUSTRIES, INC.

By_____

Title_____

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 14 1972

INITIALS	CODE
gla	130
HK	120
[illegible]	BW

December 12, 1972

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the original and two copies of the Operator's Monthly Voucher for November, 1972 with the accompanying narrative and map recommended for payment, with the provision that $200.00 be withheld pending the execution of the proposed Amendment No. 5, and resumption of work in the Spring of 1973.

The applicant, in a letter dated December 6, 1972 (enclosed) has requested a recess in the project due to severe winter snows and bad road conditions at the portal of the Copper King Project which lies at an elevation of 10,160 feet above sea level.

I recommend that the project be recessed, even though there is only a balance of 56 feet of drifting left under the contract. The 56 feet could be critical insofar as a discovery is concerned.

Original

OME Region III
RECEIVED
DEC 11 1972
Denver, Colorado

COLORADO GENEVA INDUSTRIES INC.
1011 Grand Avenue,
Glenwood Springs, Colo. 81601.

Dec. 6, 1972.

United States Department of Interior,
Geological Survey, Federal Center.
Office of Minerals Exploration,
Building 53, Room 28,
Denver, Colorado. 80225.

RE: Request to be placed on Inactive status until July 15th, 1973. Request extension of Contract And to continue on July 15, 1973.

Gentlemen:
Colorado Geneva Industries Inc. hereby requests being placed on an inactive status on our OME Contract No. 2287, Docket No. 6613 (copper-silver) located in the County of Gunnison, Colorado, until July 15th 1973.

Our Project location is at an elevation of 10,160 ft. and operations were forced to be suspended on Nov. 21, 1972 because of excessive snowfall and bad road conditions from Marble, Colo. to the project site. We request an extension of our Contract to continue on or before July 15, 1973.

Thanking you for this consideration.

Respectlully submitted,

Colorado Geneva Industries Inc.

Colorado Geneva Industries Inc.

By. Charles A. Hopkins
Charles A. Hopkins.
Secretary.

original and three (3) copies.

United States Department of the Interior

GEOLOGICAL SURVEY
Denver Federal Center
Denver, Colorado 80225

IN REPLY REFER TO:

Office of Minerals Exploration

November 10, 1972

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 16 1972
INITIALS | CODE
HK
Bond

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the original and two copies of the Operator's Monthly Voucher for October 1972 with the accompanying narrative and maps recommended for payment.

J. William Hasler

J. William Hasler,
Field Officer, Region III

Enclosures

1st Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OPERATOR'S MONTHLY VOUCHER

For Month of OCTOBER 1972

Docket No. OME- 6613
Contract 14-08-0001-2287
Contract Amount $ 34,360.00
Gov't. Participation 62½% $21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES INC.
Address 1011 GRAND AVE., GLENWOOD SPRINGS, COLO. 81601

COST ITEMS (FROM EXHIBIT A)	FOR OPERATOR'S USE: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS	FOR GOVERNMENT USE ONLY: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS
DRIFTING @ $55./U.(ft.)	34.	$ 1870.00	414.	$ 22,770.00	34	$1870.00	414	$22,770.00
OFFICE @ $50. / U.	0.	0.	6.	300.00	—	—	6.	300.00
SUPT.-ENGR. @ $750./U.	0.	0.	7.28	5,460.00	—	—	7.28	5,460.00
ASSAYS: Cu @ $3.	0.	0.	13.	39.00	—	—	13	39.00
" Ag-Pb-Zn @ $1.50	0.	0.	32.	48.00	—	—	32	48.00
TOTALS	34.	$ 1870.00	472.28	28,617.00		$1,870.00		$28,617.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date NOV. 3, 1972.

*Payee COLORADO GENEVA IND. INC.

Per C.A. Hopkins Title SECRETARY

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hasler OME Field Officer Date 11/10/72

(63) 14X0804

Approved for: $ 1,168.75 (SUBJECT TO AUDIT)

Signature 0 85764

Date NOV 17 1972 Vou. No. [redacted]

(SEE OTHER SIDE)

FOR OPERATOR'S USE	FOR GOVERNMENT USE
REMARKS	REMARKS

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - OCTOBER 1972 - PART II.

FROM: Colorado Geneva Industries, Inc.

Docket No. OME 6613.
Contract 2287.
Date: Nov. 3, 1972.

Project work was continued throughout the month of October 1972 from the 380 Unit (ft.) location to the 414 Unit (ft.) point. Progress was considerably hampered high water pressure at the breast of the drift and out of all drill holes. The pressure was so great it forced some of the explosive charges out of the drill holes and also caused miss fires in some instances.

The cross fracturing has increased and the dip of the fractures has steepened to 60° with a Southerly strike. The parallelogram fracturing system continues, however the replacement of seams and fractures with secondary mineralization has been completely faulted off and what is believed to be, in a northerly direction. We still expect to encounter igneous dike formation at any time along with vein matter strikeing in an about a N. 30° W. direction.

Plan and longitudinal drawings have been revised and are also enclosed herewith.

By C. A. Hopkins

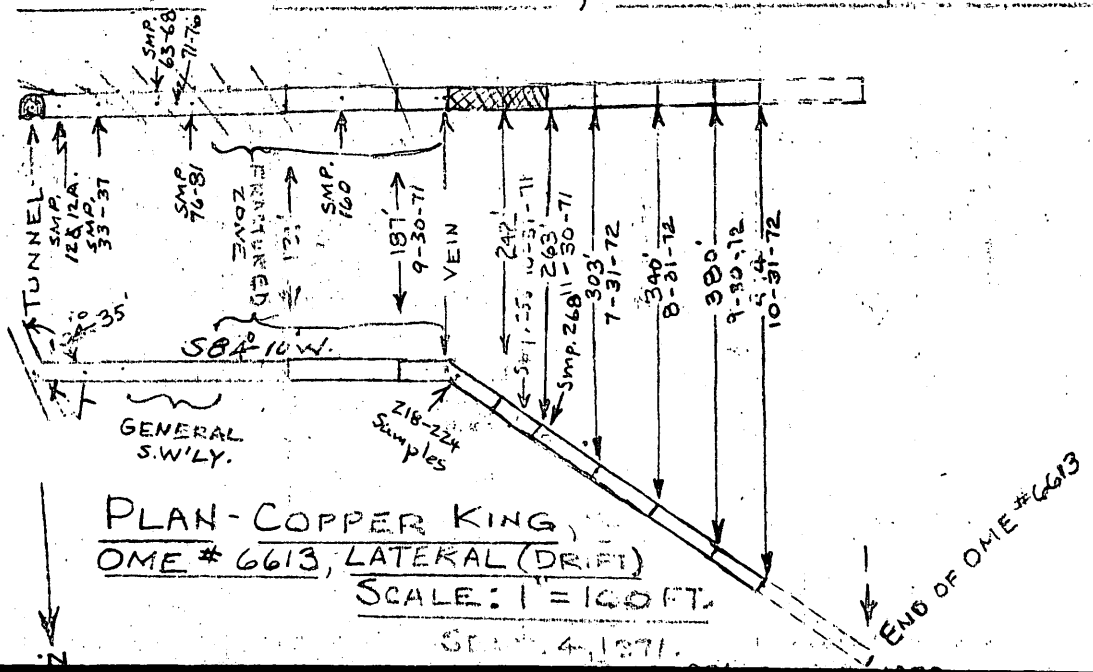
C. A. Hopkins, Regis. Engr.
& S. M. Baker, Geologist.

DATE RECEIVED
NOV 7 - 1972

SPECIAL (C.H. SEPT. 4 71)

REVISED 11/4/71
" " 12/31/71 (C.H.)
" " 7/31/72 (C.H.)
" " 8/31/72 (C.H.)
" " 9/30/72 (C.H.)
" " 10/31/72 (C.H.)

PROFILE - COPPER KING, OME # 6613, LATERAL



PLAN - COPPER KING,
OME # 6613, LATERAL (DRIFT)
SCALE: 1" = 100 FT.
SEPT. 4, 1971.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

October 20, 1972

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

A consultation was held with Mr. Charles Hopkins, the Operator, in Glenwood Springs on Tuesday, October 17, 1972 concerning the progress of the exploration work at the Copper King project.

Continued heavy rains and intermittent snows in the project area since October 11th have made the access roads inaccessible, and thus prevented my making an actual examination of the Copper King project. Samples of vein material from the 0 + 400 foot mark consisted of veinlets of calcite, quartz, pyrite, and some galena and chalcopyrite. Other brecciated fragments of country rock and vein material had been collected as well. The Operator indicated the structure being followed is becoming increasingly mineralized and it may be that the vein will strengthen as the drift approaches the area below the Copper King veins surface exposure.

The Operator informed me that as soon as the early fall storms subside, and they are again able to resume work that I can then make a field examination, probably in early November.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

October 6, 1972

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 10 1972

INITIALS	CODE
Cac	120 MW
	130
HK	170
Row	B.U.

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the original and two copies of the Operator's Monthly Voucher with accompanying narrative, map and other substantiating documents for September 1972 on the above captioned subject, recommended for payment.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

FORM 9-1648
MARCH 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 12 1972
INITIALS CODE

OCT 5 - 1972

1ST
OK Raw
10-11-72

OPERATOR'S MONTHLY VOUCHER

For Month of SEPTEMBER, 1972.

Docket No. OME- 6613
Contract 14-08-0001 2287
Contract Amount $34,360.00
Govt's Participation % 62½ $21,495.00

Operator's Name COLORADO GENEVA INDUSTRIES INC.
Address 1011 GRAND AVE., GLENWOOD SPRINGS, COLO. 81601

FOR OPERATOR'S USE					FOR GOVERNMENT USE ONLY			
COST ITEMS (FROM EXHIBIT A)	THIS MONTH		TO DATE		THIS MONTH		TO DATE	
	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS
DRIFTING @ $55./U(ft.)	40.00	$2200.00	380.00	$20,900.00	40	$2,200.00	380	$20,900.00
OFFICE	0.	00.	6.00	300.00	—	—	6	300.00
Supt. Engr. @ $750./U.	0.28	210.00	7.28	5,460.00	.28	210.00	7.28	5,460.00
ASSAYS: Cu @ $ 3.00	0.	00.00	13.00	39.00	—	—	13	39.00
" Ag-Pb-Zn @ $ 1.50	0.	00.00	32.00	48.00	—	—	32	48.00
TOTALS	40.28	2,410.00	438.28	$26,747.00		$2,410.00		$26,747.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date OCT. 4, 1972. *Payee COLORADO GENEVA IND. INC.

Per Cora Hopkins Title SECRETARY
C. A. Hopkins

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hasler 10/6/72
OME Field Officer Date

(63) 14X0804

Approved for: $1,506.25
(SUBJECT TO AUDIT)

Signature BMT

OCT 16 1972 03394A
Date Vou. No.

(SEE OTHER SIDE)

FOR OPERATOR'S USE	FOR GOVERNMENT USE
REMARKS	REMARKS

BUREAU OF MINES
ANC FINANCE
OCT 13 1972
RECEIVED
FINANCIAL REPORTS

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

1st Copy

RECEIVED
OCT 5 - 1972
Denver, Colorado

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - SEPTEMBER 1972 - PART II.

FROM: Colorado Geneva Industries, Inc.

Docket No. OME 6613.
Contract 2287.
Date: Oct. 4, 1972.

The OME Project work continued throughout the month of September 1972 from the 340 Unit (ft.) location to the 380 Unit (ft.) point.

The dip of the bedding planes continued to flatten to less than 30° dip in a more southerly direction.

Increase of parallelogram fracturing is much more intense and replacement with secondary mineralization fillings which show calcite and quartz minerals is most apparent.

The last 40 Units (ft.) has not disclosed any igneous dikes or stocks of gabbro rocks which were mentioned in the last report.

The enclosed plan and longitudinal drawings have been revised to date and are enclosed herewith.

By C. A. Hopkins

C. A. Hopkins, Regis. Engr.
& S. M. Baker, Geologist.

SPECIAL (C.H. SEPT. 4, 1971)

REVISED TO 11/4/71
" " 12/31/71 (C.H.)
" " 8/31/72 (C.H.)
" " 8/31/72 (C.H.)
" " 9/30/72 (C.H.)

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

September 29, 1972

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 2 1972

INITIALS	CODE
Cac	120 NW
	130
	120
Rmw	13.00

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Indsutries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the original and two copies of the Operator's Monthly Voucher with accompanying narrative, map, and other substantiating documents for the month of August 1972 on the above captioned subject, recommended for payment.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

2 ND
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Raw
10-3-72

OCT 16 1972

SEP 8 1972

OPERATOR'S MONTHLY VOUCHER For Month of AUGUST 1972

Cal 120 m
HK 120

Operator's Name COLORADO GENEVA INDUSTRIES INC.
Address 1011 GRAND AVE., GLENWOOD SPRINGS, CO81601

Docket No. OME- 6613 2287 2287
Contract 14-08-0001
Contract Amount $ 34,360.00
Gov't. Participation % 62½ $ 21,475.00

COST ITEMS (FROM EXHIBIT A)	FOR OPERATOR'S USE: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS	FOR GOVERNMENT USE ONLY: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS
DRIFTING @ $55./U.	37	$2035.00	540	$18,700.00	37	$2035.00	340	$18,700.00
OFFICE @ $ 50./U.	0	00.00	6	300.00	0	—	6	300.00
SUPT.-ENGR. @$750./U.	1	750.00	7	5,250.00	1	750.00	7	5,250.00
ASSAYS: Cu @ $3./	2	6.00	13	39.00	2	6.00	13	39.00
" Ag,Pb,Zn @ $ 1.50	4	6.00	32	48.00	4	6.00	32	48.00
TOTALS	44	$2797.00	398	$24,337.00		$2,797.00		$24,337.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 5 SEPT. 1972 *Payee COLORADO GENEVA IND. INC.

Per C. A. HOPKINS Title SECRETARY

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hasler OME Field Officer Date 9/28/72

(63) 14X0804

Approved for: $ 1,748.13
(SUBJECT TO AUDIT)

Signature BM7

Date OCT 12 1972 Vou. No. 03876A

(SEE OTHER SIDE)

FOR OPERATOR'S USE

REMARKS

FOR GOVERNMENT USE

REMARKS

0 2 3 6 2 2

RECEIVED
U.S. GEOLOGICAL SURVEY

OCT 4 3 32 PM '12

BUDGET & FINANCE

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Vou

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - AUGUST 1972 - PART II.

FROM: Colorado Geneva Industries, Inc.

Docket No. OME 6613.
Contract 2287.
Date: Sept. 5, 1972.

Work on the stated Project continued throughout the month of August to the 340 Unit (feet) point on the OME Project.

The recently extended drift from the 303 Unit (ft.) location of Aug. 1st. to the 340 Unit (ft.) point of Aug. 31st. the dip of the bedding planes continued to flatten to about a 30 degree dip in the southerly direction and the strike of the beds being about N. 62° W.

The excavated rock is mineralized and samples were taken from representative removed material and samples of the removed material in the 255 Unit (ft.) area and also the 268 Unit (ft.) location and the analysis report is attached hereon.

The new drift location has been surveyed on the surface and according to this projection we may cross a gabbro dike before long in the drifting Project. The dike may influence the mineralization as it appears to have done on the surface area.

The longitudinal profile has been revised along with the Plan projection and prints of this data are enclosed herewith

By C. A. Hopkins
C. A. Hopkins, Regis. Engr.
certain details provided by
S. M. Baker, Geologist.

FOR

Colorado Geneva Industries, Inc
Glenwood Springs, Colo. 81601

R. 8/16/72

Miner's Assay Off
George Treder, Mgr.
Box 777
Idaho Springs, Colorado 80.

CHARGES $10.50 PAID

DATE Aug. 13th, 1972
Sent on Aug-10, 1972

ASSAYER George Treder

Sample No.	Oz Gold	Oz Silver	% Lead	% Zinc	% Copper	%	%	%	App. Value Per Ton
CUK 255-18	.04	.96	.40		.10				$0.68
CUK 268 Wall	.02	.60	.10		None				Nil

SPECIAL (C.H. SEPT 4, 71)

REVISED TO 11/4/71
" " 12/3/71 (C.H.)
" " 7/31/72 (C.H.)
" " 8/31/72 (C.H.)

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code

AUG 31 1972

AIRMAIL

Mr. Sidney M. Baker
President
Colorado Geneva Industries, Inc.
1011 Grand Avenue
Glenwood Springs, Colorado 81601

Re: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Baker:

The effective date for Amendment No. 4 to the subject contract was inadvertently omitted on all copies of the amendment. Please insert on the Operator's copy "July 15" in the last line of the first paragraph so that it reads in part as follows " - is further amended effective July 15, 1972, as follows:"

We regret that the full date was omitted. We are inserting "July 15" on all other copies.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's reading file
Mineral Resources
OME reading file
Region III
Mr. Kirkemo

HKirkemo/cac 8-31-72

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

August 14, 1972

OFFICIAL COPY
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INITIALS	CODE
Cal	120
HK	~~120~~
Raw	BWelds

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the original and two copies of the Operator's Monthly Voucher with accompanying narrative, map and other substantiating documents for July 1972 on the above captioned subject, recommended for payment.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

FORM 9-1648
MARCH 1968

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

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AUG 8 - 1972

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Raw 8/17/72

OPERATOR'S MONTHLY VOUCHER

For Month of JULY 1972

Docket No. OME- 6613 2287

Contract 14-08-0001

Contract Amount $ 34,360.00

Gov't Participation % 62½ $ 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES INC.

Address 1011 Grand Ave., Glenwood Springs, CO81601

COST ITEMS (FROM EXHIBIT A)	FOR OPERATOR'S USE: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS	FOR GOVERNMENT USE ONLY: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS
DRIFTING @ $55./U.	40	$ 2200.00	303	$ 16,665.00	40	$2,200.00	303	$16,665.00
OFFICE @ $50./U.	0	0.	6	300.00	0	0	6	300.00
SUPT.-ENGR. @$750./U.	0	0.	6	4,500.00	0	0	6	4,500.00
ASSAYS: Cu @ $ 3.	1	3.00	11	33.00	1	3.00	11	33.00
" Ag,Pb,Zn @ $ 1.50	3	4.50	28	42.00	3	4.50	28	42.00
TOTALS	44	$ 2207.50	354	$ 21,540.00		$ 2,207.50		$ 21,540.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 5 AUG. 1972 *Payee COLORADO GENEVA IND. INC.

Per O. A. Hopkins Title Secretary

O. A. Hopkins

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Tasker OME Field Officer Date 8/11/72

(63) 14X0804

Approved for: $1,379.69 (SUBJECT TO AUDIT)

Signature [illegible]

Date 22 AUG 1972 Vou. No. 03134A

(SEE OTHER SIDE)

FOR OPERATOR'S USE	FOR GOVERNMENT USE
REMARKS	REMARKS

RECEIVED
U.S. GEOLOGICAL SURVEY
AUG 18 11 03 AM '72
BUDGET & FINANCE

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

RECEIVED
AUG 8 - 1972

USGS & OFFICE OF MINERALS EXPLORATION
NARRATIVE REPORT - JULY 1972 - PART II.
From: Colorado Genova Industries, Inc.

Docket No. [illegible] 6613
Contract 2257
Date: Aug. 1972.

Operations at the Copper King Tunnel Project Site started in the latter part of the month of June such as repairs, clean up and track repairs.

Work on the Contract heading started on July 7, 1972 as stated in the "Notice of beginning of work on Exploration Contract which was sent on July 31, 1972.

As the work progressed from the 263 unit point to the 303 unit point the limestone bedding planes began to flatten and are now about horizontal at the 303 unit location.

The excavated fault zone material continues to show fault zone sulphide mineralization as shown in Sample No. GuK 253-9 and copies of this analysis are included with this report (see the attached sample analysis)

The revised plan and longitudinal profile of the adit is included with this report.

By W. A. Hopkins, Mgr.

FOR
Mr. Charles A. Hopkins
% Colo. Genova Industries, Inc
1011 Grand
Glenwood Springs, Colo.

Miner's Assay Office
George Treeder, Mgr.
Box 777
Idaho Springs, Colorado 80452

CHARGES $6.50 (PAID)

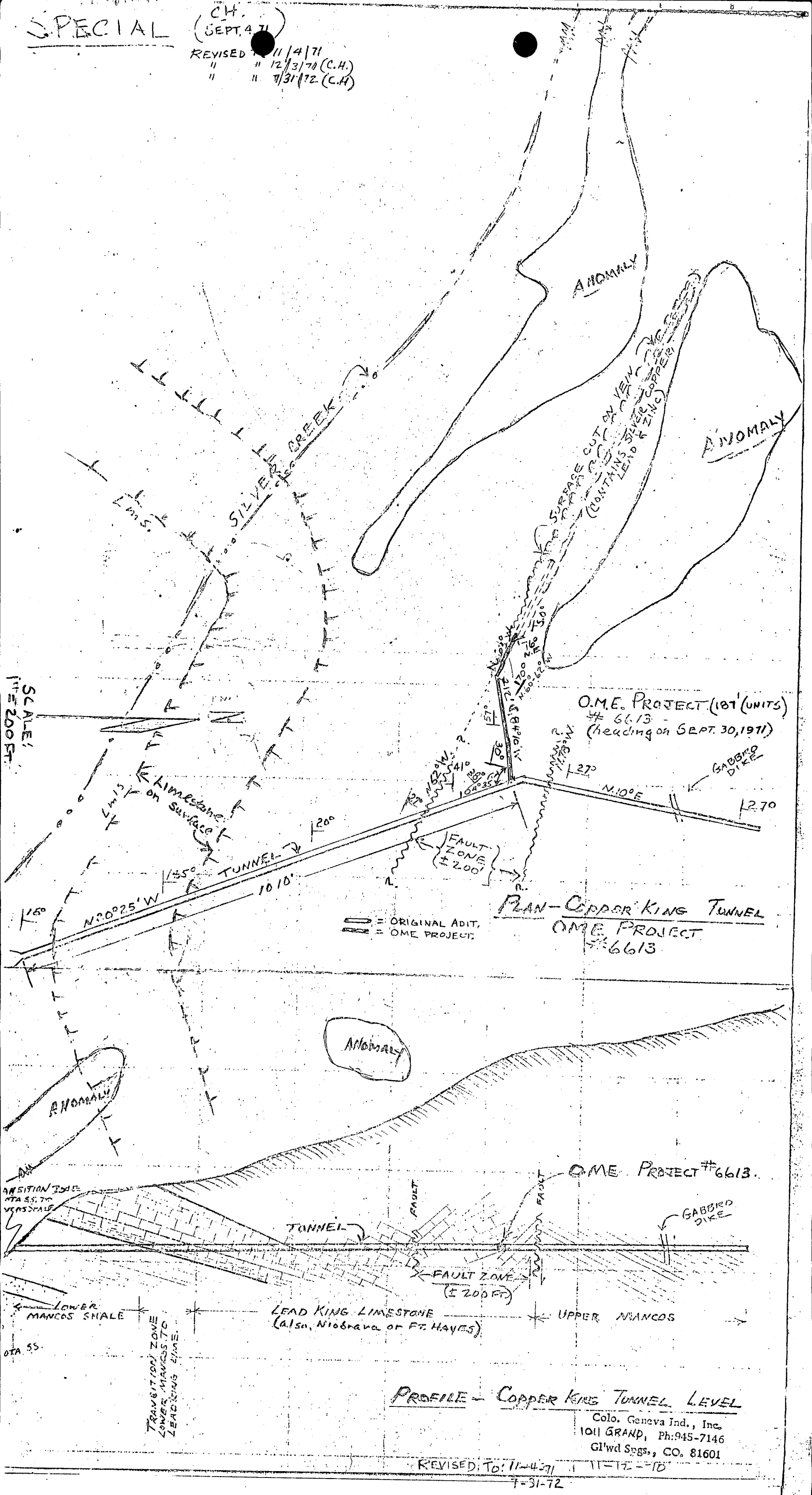
DATE Dec 26th, 1971

ASSAYER George Treeder

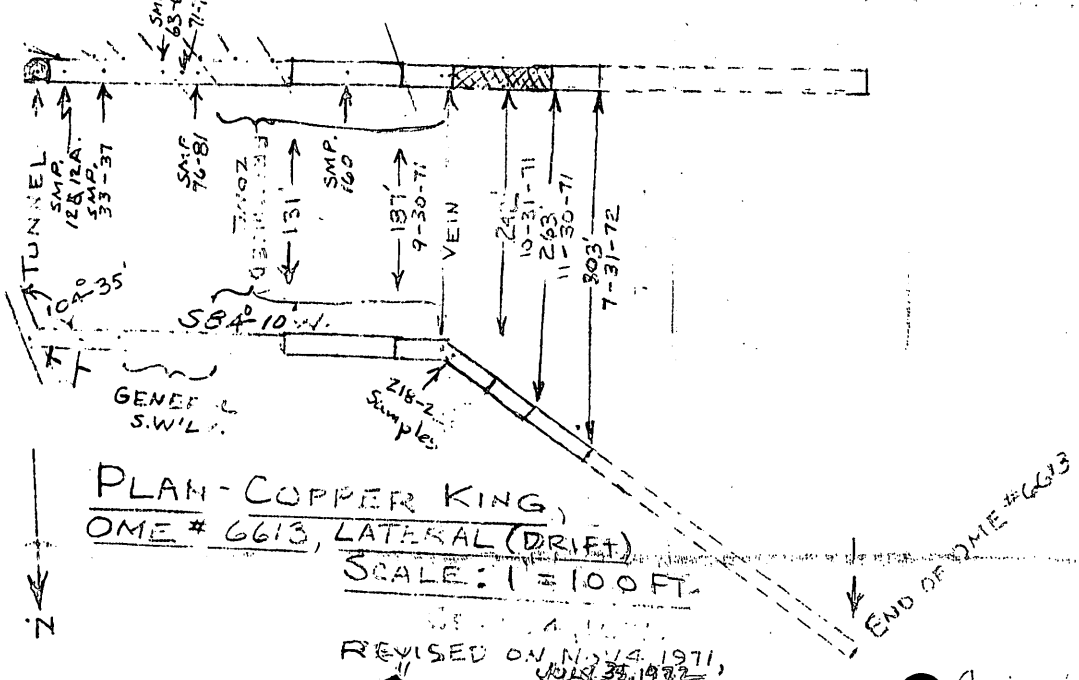
Sample No.	Oz Gold	Oz Silver	% Lead	% Zinc	% Copper	%	%	%	Apx. Value Per Ton
# GuK253-9	.01	1.40	.40	6.00	.15				$25.34

SPECIAL (C.H. SEPT. 4 71)

REVISED 11/4/71
" " 12/3/71 (C.H.)
" " 7/31/72 (C.H.)



PROFILE - COPPER KING, OME # 6613, LATERAL



PLAN - COPPER KING, OME # 6613, LATERAL (DRIFT)

SCALE: 1" = 100 FT.

REVISED ON NOV. 4, 1971, JULY 31, 1972

OFFICIAL COPY

Office of Minerals Exploration
Building 53 Room 28

August 14, 1972

Mr. Charles A. Hopkins, Secretary
Colorado Geneva Industries, Inc.
1011 Grand Avenue
Glenwood Springs, Colorado 81601

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Hopkins:

Enclosed are the original and three copies of proposed Amendment No. 4 (two pages), to the subject contract, signed for the Government.

If the proposed amendment is satisfactory to you, all four copies should be signed by the President. Please retain the "Operator's Copy" and return the other copies to this office.

If any part of the proposed amendment does not have your approval the original and all copies are to be returned to this office together with the proposed changes for consideration.

Sincerely yours,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

cc: Chief, OME
OME-6613
OME chron
Mr. Hasler

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/10/72	Kirkemo	
8/10/72	Dow	

AUG 10 1972

AIRMAIL

Memorandum

To: Field Officer Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are the original and three copies of proposed Amendment No. 4 (two pages), to the subject contract, signed for the Government. An extra copy of the amendment is also enclosed for field use.

If the proposed amendment is satisfactory to you and the Operator, all four copies should be signed by the President and distributed in the usual manner.

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

Harold Kirkemo

Harold Kirkemo

Enclosures

cc: Director's reading file
Mineral Resources
OME reading file
Mr. Kirkemo
130

HKirkemo/cac 8/10/72

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/1	Weeks	
8/2	Kirberno	

August 2, 1972

Memorandum

To: For the File

From: Robert A. Weeks

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Justification for Amendment No. 4

The Operator has requested that the estimated costs for timbering, none of which has been needed thus far, be transferred to allow for an increase in the estimated costs for Supervision. Drifting and crosscutting to date have not required timbering, so that all of the $960.00 estimated costs under this category is available.

Work on the exploration project has been recessed by adverse weather, and the amount estimated to be required for Supervision is nearly used up. The Field Officer recommends, and I concur, that the $960.00 be transferred to the amount available for Supervisor - Engineer.

Robert A. Weeks

Robert A. Weeks

Final

HK

RECEIVED

AUG 3 1972

MINERAL RESOURCES AND
GENERAL LEGAL SERVICES

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613
AMENDMENT NO. 4

It is agreed this _____ day of _____, 1972, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective _____, 1972, as follows:

~~1.~~ On Exhibit A, under ~~the heading~~ Estimated Costs of the Work, Fixed Unit Costs, on p.2, the text is revised to read as follows

(Insert from p.2)

"Fixed Unit Costs [1]

Drifting,	
475 feet @$55.00/foot	$26,125.00
Long-hole drilling	
900 feet @$1.75/foot	1,575.00
Assaying, 120 samples	
Copper @$3.00/assay	900.00
Lead, zinc, silver @$1.50 each determination	
Office Expenses	
6 months @$50.00/month	300.00
1 Supervisor-engineer	
7.28 months @$750.00/month	5,460.00
Total Estimated Cost of the Project	$34,360.00
Government Participation @62-½%	$21,475.00

[1] The Government retains no equity in any of the materials used."

1. Under General Provisions, on p. 2, a new paragraph is added, to read as follows:

P1

"The Operator at it's own cost and expense, without contribution by the Government, shall supply and install such timbering as is required to complete the exploration project in a workmanlike manner."

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

Except as amended herein Exploration Contract 2287 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____
Chief, Office of Minerals Exploration

COLORADO GENEVA INDUSTRIES, INC.

By _____

Title _____

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

July 14, 1972

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

The Operator has proposed an amendment to the subject contract to transfer the costs allowed for "Timbered Drifts" to "Supervisor-Engineer." The reason for the request is due to a tight money situation at this time. The Operator would benefit from a transfer of the funds, in order to facilitate activities in the project area.

Drifting and crosscutting completed to date has not required any timbering, and even though some may be required during this summer's work the Operator is willing to absorb those costs in order to alleviate his present situation. The fixed unit cost of 80 feet of "timbered drifts" at $12.00 per foot totals $960.00.

To date, $3,750.00 has been used for 5 months of Supervisor-Engineer, leaving only 1 month of allowable costs for this item. More than 6 months time for supervision will be required to complete the exploration work, therefore, it is recommended that the costs allowed for "Timbered Drifts" totaling $960.00 be transferred to the Supervisor-Engineer item. If the amendment is approved, Exhibit A under the heading Estimated Costs of the Work, Fixed Unit Costs, the section is revised to read as follows:

Fixed Unit Costs[1/]

Drifting, 475 feet @ $55.00/foot	$26,125.00	
Long-hole drilling 900 feet @ $1.75/foot	1,575.00	
Assaying, 120 samples	900.00	
Copper @ $3.00/assay		
Lead, zinc and silver @ $1.50 each determination		
Office expenses 6 months @ $50.00/month	300.00	
1 Supervisor-engineer, 6 months @ $750.00/month	5,460.00 [2/]	
Total Estimated Cost of the Project		$34,360.00
Government Participation @ 62-1/2%		$21,475.00

1/ The Government retains no equity in any of the materials used.
2/ Includes Timber and Drift costs.

Sincerely yours,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

COLORADO GENEVA INDUSTRIES, INC.
1011 Grand Avenue,
Glenwood Springs, Colo. 81601.

May 4, 1972.

U.S.G.S. Region III
RECEIVED
MAY 8 1972
Denver, Colorado

United States Dept. of Interior,
Geological Survey, Federal Center,
Office of Minerals Exploration,
Building 53, Room 28,
Denver, Colorado, 80225.

RE: Request to transfer amount for "Timbering Drifts" to "Supervisor- Engineer".

Gentlemen:

Colorado Geneva Industries, Inc. hereby requests a change in the application of the "Timbering Drifts" costs to "Supervisor-Engineer" part of OME Contract No. 2287, Docket No. 6613 (copper-silver) in Gunnison County, Colorado.

The fixed unit cost of 80 feet of "timbering drifts" at $ 12.00 per foot, totals $ 960.00 and the Government contribution would be $ 600.00.

Drift timbering has not been necessary, to date and if required in the uncompleted work the entire cost would be paid by the Operator (cgII).

Kindly inform us as soon as you can regarding your action for this request.

Respectfully submitted,

Colorado Geneva Industries, Inc.

Charles A. Hopkins.
Secretary.

OFFICIAL COPY
O. M. E.
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AUG 2 1972
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Raw
HX

SS/ duplicate.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

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O. M. E.
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JAN 19 1972

INITIALS	CODE
Cac	120
gla	130
HK	~~120~~

January 17, 1972

Memorandum

To: Chief, Office of Minerals Exploration

Through: Assistant Chief, Office of Minerals Exploration

From: Field Officer, Region III, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the "Government's Copy" and "Budget and Finance's Copy" of Amendment No. 3 (two pages) to the subject contract, executed by the Operator, and signed for the Government.

The Operator has retained the "Operator's Copy" and I have retained the "Field Office's Copy" as well as the "Extra Copy for Field Use."

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

Office of Minerals Exploration
Building 53 Room 28

January 4, 1972

OFFICIAL COPY
O. M. E.
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JAN 6 1972
INITIALS CODE
Cal 120 BW
Jla 130
HK 120

Mr. Charles A. Hopkins, Secretary
Colorado Geneva Industries, Inc.
1011 Grand Avenue
Glenwood Springs, Colorado 81601

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Hopkins:

Enclosed are the original and three copies of proposed Amendment No. 3 (two pages), to the subject contract, signed for the Government.

If the proposed amendment is satisfactory to you, all four copies should be signed by the President. Please retain the "Operator's Copy" and return the other copies to this office.

If any part of the proposed amendment does not have your approval the original and all copies are to be returned to this office together with the proposed changes for consideration.

Sincerely yours,

J. William Hasler
mc

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

cc: Chief, OME
OME-6613
OME chron
Mr. Hasler
Mr. Emerick

OME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/30/71	Kirkemo	
12/30	Theobald	

DEC 30 1971

AIRMAIL

Memorandum

To: Field Officer Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are the original and three copies of proposed Amendment No. 3 (two pages), to the subject contract, signed for the Government. An extra copy of the amendment is also enclosed for field use.

If the proposed amendment is satisfactory to you and the Operator, all four copies should be signed by the President and distributed in the usual manner.

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

Harold Kirkemo

Harold Kirkemo

Enclosures

cc: Director's reading file
Mineral Resources
OME reading file
Mr. Kirkemo
130

HKirkemo/cac 12/30/71

DRAFT 12/10/71

~~120~~ HK
120M

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT NO. 3

It is agreed this _____ day of _____, 1971, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective December 1, 1971, as follows:

1. (a) Work under the contract may be suspended during the period beginning December 1, 1971, and ending no later than July 15, 1972.

(b) The Government shall not contribute to any costs incurred during the period of suspension.

(c) The Government shall not contribute or be liable for any costs of rehabilitation or repair or any other costs which would not have occurred if there had been no suspension of work, or which may arise out of this suspension.

(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(a) of the contract, as amended by Amendment No. 2, for completion of the work, is further extended from twenty-four (24) to thirty-six (36) months from the date of the contract, or to December 17, 1972.

3. The maximum period for royalty payments as provided in Article 6(b) of the contract, as amended by Amendment No. 2, and for the lien to secure payment thereof, is further extended from eleven (11) to twelve (12) years from the date of the contract.

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

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration

COLORADO GENEVA INDUSTRIES, INC.

By_____

Title_____

Except as amended herein Exploration contract 2207 (OME-6613), dated December 17, 1969, shall remain in full force and effect.

FORM 9-1648
MARCH 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME Region III
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DEC 6 - 1971

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HK 12/8/71

COPY
O. M. E.
RECEIVED
DEC 16 1971
MINERALS CODE

OPERATOR'S MONTHLY VOUCHER For Month of NOVEMBER 1971

Docket No. OME- # 6613
Contract 14-08-0001 # 2287
Contract Amount $ 34,360.00
Gov't. Participation % 62½ $ 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES, INC.
Address 1011 Grand Ave., Glenwood Springs, CO.81601.

FOR OPERATOR'S USE					FOR GOVERNMENT USE ONLY			
COST ITEMS (FROM EXHIBIT A)	THIS MONTH		TO DATE		THIS MONTH		TO DATE	
	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS
DRIFTING @ $55./U.	21	$ 1155.00	263	$ 14,465.00	21	$1,155.00	263	$14,465.00
OFFICE @ $50./U.	1	50.00	6	300.00	1	50.00	6	300.00
SUPT-ENGR. @ $750./U.	1	750.00	6	4,500.00	1	750.00	6	4,500.00
ASSAYS: Cu @ $ 3.	4	12.00	10	30.00	4	12.00	10	30.00
" Ag, Pb, Zn @ $1.50	8	12.00	25	37.50	8	12.00	25	37.50
TOTALS	35	$ 1979.00	310	$ 19,332.50		$1,979.00		$19,332.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 3 DEC. 1971 *Payee COLO. GENEVA IND. INC.

Per G. A. Hopkins Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hasler OME Field Officer Date 12/6/71

(63) 14X0804

Approved for: $ 1,236.88
(SUBJECT TO AUDIT)

Signature

DATE DEC 15 1971 Vou. No. 22832

(SEE OTHER SIDE)

FOR OPERATOR'S USE

REMARKS

4 7 7 0 0

RECEIVED
U.S. GEOLOGICAL SURVEY
DEC 10 2 06 PM '71
BUDGET & FINANCE

FOR GOVERNMENT USE

REMARKS

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Vouche

FOR Colorado Cava Ind., Inc
Mr. Gordon Hopkins
Glenwood Springs, Colo. 81601

Miner's Assay Office
George Frazier Mgr.
Box 777
Idaho Springs, Colorado 80452

CHARGES (21.00) PAID

DATE Oct 31st. 1971

ASSAYER George Frazier

Sample No.	Oz Gold	Oz Silver	% Lead	% Zinc	% Copper	%	%	%	Asp. Value For Ton
CUK 218-24 V 9	.03	.27	.20	.70	None				$1.23 in [illegible]
CUK 218 VSP	N	.30	.10	None	None				
CUK 218-20 N 36t	N	.09			"				
CUK 218 -14	N	.15			"				

USGS - OFFICE OF MINERALS EXPLORATION
NARRATIVE REPORT - NOVEMBER 1971 - PART II.
FROM: Colorado Geneva Industries, Inc.

Docket No. OME 6613.
Contract 2287.
DATE: December 3, 1971.

Project work was somewhat hampered by bad weather and road conditions during the month of November and our 1971 operations were suspended on November 30th, 1971, as stated in our correspondence of Dec. 1st.

The 263 Unit (feet) Contract drift location was reached during the month along the southwesterly wall of the fault zone and the secondary vein matter continues to increase in percentage along with the mixed sulphide mineral content. Samples of the last fault-vein matter are being prepared and will be located and discussed in a later report.

Results of the October samples are enclosed and four (4) copies of the results are enclosed herewith. The location of the samples are marked on the 100 scale Plan sketch drawing and further described as follows:

CUK 218-24 V9 : Sample cut between the 218' to the 224' of 9" replacement veinlet.

CUK 218 Special of replacement mixture at breast of heading at the 218 ft. location.

CUK 218-20 sample of northerly 3 ft. of breast between the 218 ft. and the 220 ft. drift location.

CUK 218-14 (24) sample of southerly 3 ft. of breast between the 218 ft. and the 224 ft. drift location.

The supplementary drawings are enclosed and brought up to date (through Nov. 30)

The vein and structural details are the same as described and drawn in the October 1971 Report.

Colorado Geneva Industries, Inc.

By C. A. Hopkins

C. A. Hopkins, Regis. Engr.

OME Region III
RECEIVED
DEC 3 - 1971
Denver, Co

SPECIAL (C.H. SEPT. 71)
REVISED TO 11/4/71
" " 12/3/71 (C.H.)

OME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code

December 10, 1971

Memorandum

To: The File

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Justification for Amendment No. 3

A request to recess this project from November 30, 1971 to July 15, 1972, and to extend the date for completion of the contract to January 1, 1973, was received from the Operator on December 3, 1971. Winter weather conditions at the project site at elevations above 10,000 feet and nearly impassable access roads were cited as reasons to suspend operations until next summer.

The Field Officer notes that only about one half of the exploration work has been completed. It is in the interest of the Government and of the Operator to allow a recess and to provide time to complete the work during the next operating season. I concur in the Field Officer's recommendation to amend the contract for these reasons.

Harold Kirkemo

Harold Kirkemo

cc: Director's reading file
Mineral Resources
OME reading file
Mr. Kirkemo

HKirkemo/cac 12/10/71

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 8 1971

INITIALS	CODE
	120M
Sla	130
HK	~~120~~

December 6, 1971

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Through: Assistant Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed is a letter from the Operator requesting a recess in operations on the subject property until July 15, 1972, due to excessive snow and poor road conditions that forced suspension of the exploration work on November 30, 1971.

The mine workings lie at elevations above 10,000 feet above sea level, which restricts the length of the operating season, especially if heavy late spring snows blanket the area. For example, actual work under the contract could not be started before July 1, 1971, and operation ceased November 30, 1971, giving the Operator only 5 months working time in which to complete exploration work. The Operator completed 188 feet of drifting from July 1, 1971 through November 30, 1971, and has completed a total of 242 feet of drifting, out of a total allowed footage of 475 feet to explore the copper mining project, leaving a balance of 233 feet yet to be utilized.

The objectives of the exploration work prescribed in the contract have not been completed, consequently I recommend that the contract be amended as requested.

J. William Hasler
J. William Hasler
Field Officer, Region III
Office of Minerals Exploration

Enclosure

COLORADO GENEVA INDUSTRIES INC.

1011 Grand Avenue,

Glenwood Springs, Colo. 81601.

Dec. 1, 1971,

United States Department of Interior,
Geological Survey, Federal Center.
Office of Minerals Exploration,
Building 53, Room 28.
Denver, Colorado. 80225.

RE: Request to be placed on Inactive status, until July 15th.1972. Request extension of Contract to Jan. 1,1973.

Gentlemen:

Colorado Geneva Industries Inc. hereby requests being placed on an inactive status on our OME Contract No. 2287, Docket No. 6613 (copper-silver) located in the County of Gunnison, State of Colorado, until July 15th 1972.

Our operations for 1971 were forced to be suspended on Nov. 30th,1971 because of excessive snow and bad road conditions from Marble, Colorado to the Copper King Project site.

Due to the restricted length of the operating season, we further request an extension of our OME Contract No. 2287, to Jan. 1,1973.

Your action concerning this request is most important to us and if agreed to, the certified document is necessary for both yours and our records,

Respectfully submitted,

Colorado Geneva Industries Inc.

by Charles A. Hopkins.
Charles A. Hopkins.
Secretary.

Original and three (3) copies.

OME Region III
RECEIVED
DEC 3 - 1971
Denver, Colorado

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225
Office of Minerals Exploration
Building 53 Room 28

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 8 1971

INITIALS	CODE
	120
gla	130
HK	~~120~~

December 6, 1971

To B + F 12/9

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Through: Assistant Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Vein Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the original and two copies of the Operator's Monthly Voucher with accompanying narrative, map and other substantiating documents for November 1971 on the above captioned subject, recommended for payment.

J. William Hasler
J. William Hasler
Field Officer, Region III
Office of Minerals Exploration

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FEDERAL CENTER, DENVER, COLORADO 80225
Office of Minerals Exploration
Building 53 Room 28

OFFICIAL COPY
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Coe | 120
JHK | 130
HK | 121

November 30, 1971

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Through: Assistant Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

This is to inform you that the subject Operator was notified via telephone November 24, 1971 that work under the subject contract must be completed by December 17, 1971, persuant to Amendment No. 2, item 2, of April 14, 1971. He was instructed to request that the contract be amended to allow for a recess and extension of time during the winter months of December 1971 through July 15, 1972, in this particular case winter snows have already caused a shutdown, as the mine portal is at an elevation of approximately 10,160 feet above sea level. The Operator has not yet completed his objective, and will not be able to until next summer.

J. William Hasler
J. William Hasler
Field Officer, Region III
Office of Minerals Exploration

FORM 9-1648
MARCH 1968

COPY
NOV 23 1971

INITIALS | CODE
Cae | 12m
HK | HB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OK-WJE 11/9/71
HK 11/11/71

OPERATOR'S MONTHLY VOUCHER

For Month of OCTOBER 1971

Docket No. OME- 6613
Contract 14-08-0001 2287
Contract Amount $ 34,360.00
Gov't. Participation 62½ $ 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES, INC.
Address 1011 Grand Ave., Glenwood Springs, CO 81601.

FOR OPERATOR'S USE					FOR GOVERNMENT USE ONLY			
COST ITEMS (FROM EXHIBIT A)	THIS MONTH		TO DATE		THIS MONTH		TO DATE	
	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS
DRIFTING @ $55./U.	55	$ 3025.00	242	$13,310.00	55	$3,025.00	242	$13,310.00
OFFICE @ $50./U.	1	50.00	5	250.00	1	50.00	5	250.00
SUPT. ENGR. @ $750./U.	1	750.00	5	3,750.00	1	750.00	5	3,750.00
ASSAYS: Cu @ $3.	0	0	6	18.00	0	0	6	18.00
" Ag, Pb, Zn @ $ 1.50ea.	0	0	17	25.50	0	0	17	25.50
TOTALS	57	$ 3825.00	275	$ 17353.50		$3,825.00		$17,353.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 4 NOV. 1971 *Payee COLO. GENEVA IND. INC.

Per C. A. Hopkins, Title Secretary

C. A. Hopkins.

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Haslar, OME Field Officer Date 11/9/71

(63)14X0804

Approved for: $ 2390.63
(SUBJECT TO AUDIT)

Signature mo

Date NOV 22 1971 Vou. No. 22467
(SEE OTHER SIDE)

FOR OPERATOR'S USE	FOR GOVERNMENT USE
REMARKS	REMARKS

RECEIVED
U.S. GEOLOGICAL SURVEY
NOV 12 2 36 PM '71
FINANCE

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

USGS - OFFICE OF MINERALS EXPLORATION
NARRATIVE REPORT - OCTOBER 1971 - PART II.
FROM: Colorado Geneva Industries, Inc.

Docket No. OME 6613.
Contract 2287.
DATE: November 4, 1971

Project work continued during the month of October to the 242 Unit (feet) point. A direction change was made from the 212 unit (feet) at S.84 degrees 10 minutes W. to N.63 degrees W. to the 242 unit (feet) point along the fault wall direction. The dip of the fault has changed from 70 degrees N. 60 to 62 degrees W. dip to a N.E.'ly. dip of about 76 degrees.

Water course zones appear with secondary calcite mineralization. The water flow in these zones has decreased to a slight amount but will run heavily again in the Spring.

The zone continues to be shattered and re-cemented with secondary iron sulphide, calcite and other minerals.

Various samples have been taken and will be discussed and identified on the next months report.

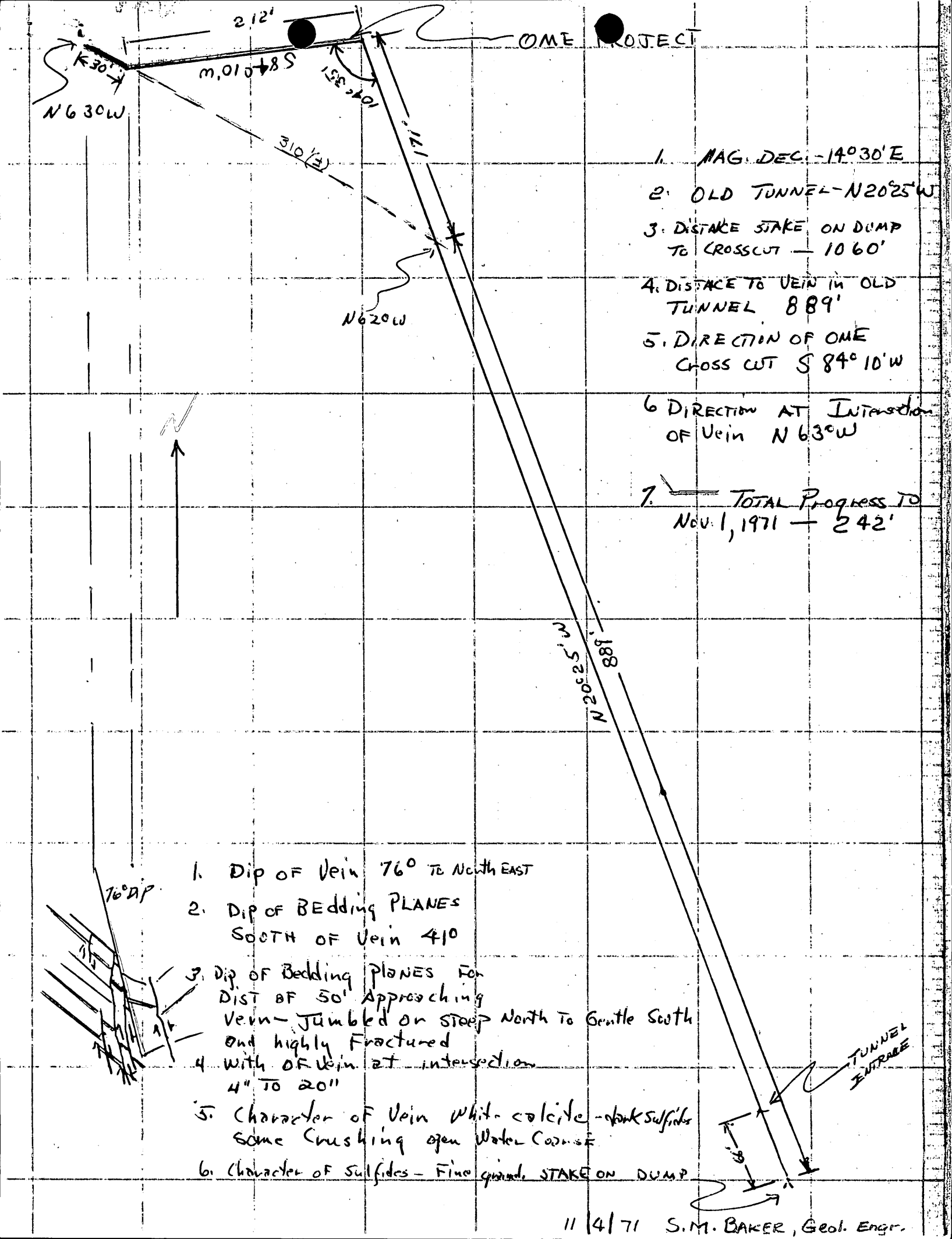
Furthur supplementary drawings showing the amended and additional details through October. The current month shows the change in direction (see first paragraph) as we turn in a northwesterly course along the wall of the fault which continues to develope into a fault-fissure type of structure which according to our calculations, based on anomaly and surface geological conditions, should increase in base and other metal mineralization in about another 50 feet of drift or about the 290-300 unit (foot) area.

Road conditions for the past week or so has curtailed all operations and as soon as the conditions improve the operations will continue.

Colorado Geneva Industries, Inc.

By C. A. Hopkins
C. A. Hopkins, Regis. Engr.

OME Region IV
RECEIVED
NOV - 8 1971
Denver, Colorado

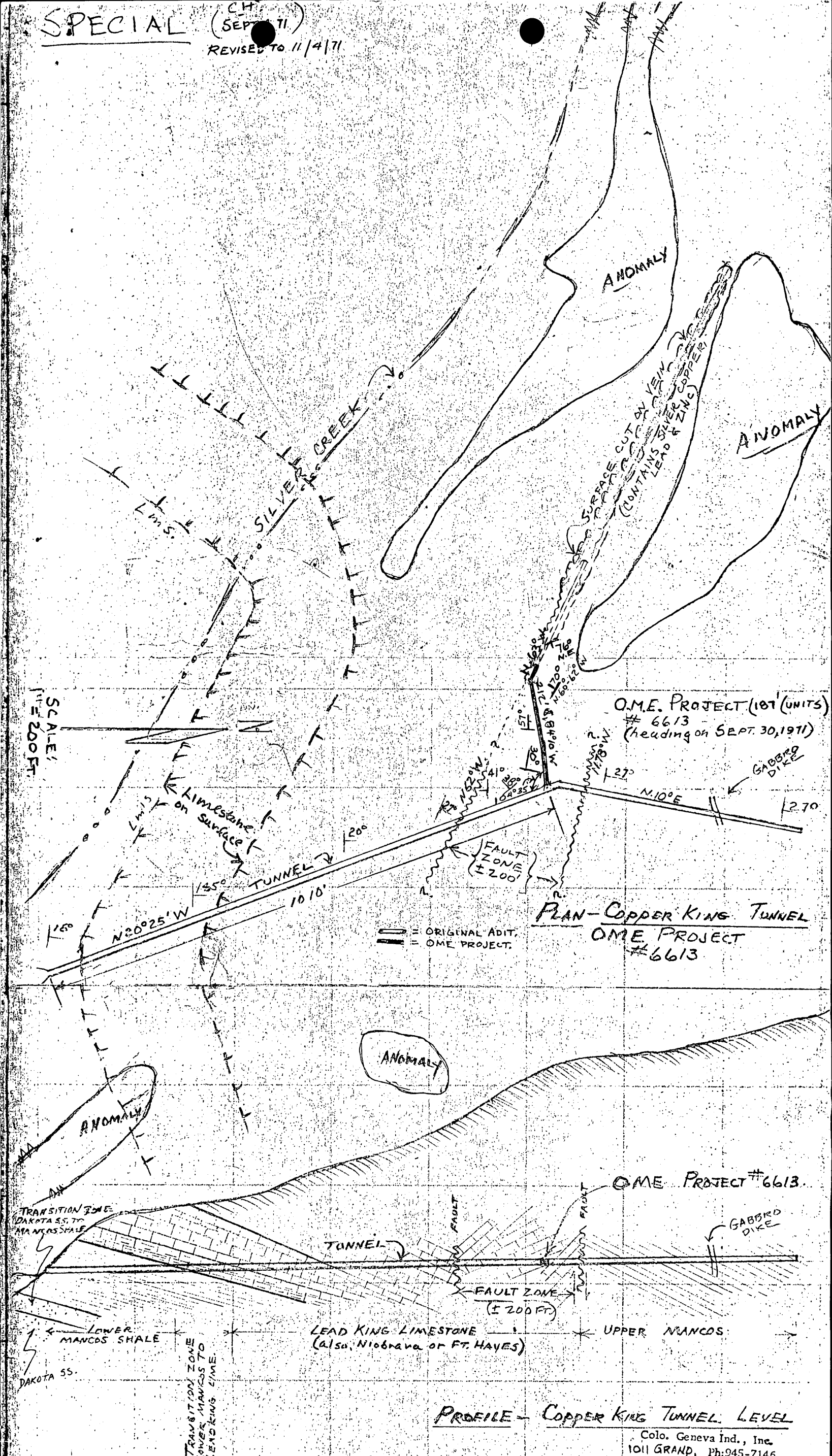


1. MAG. DEC. - 14° 30' E
2. OLD TUNNEL - N 20° 25' W
3. DISTANCE STAKE ON DUMP TO CROSSCUT — 1060'
4. DISTANCE TO VEIN IN OLD TUNNEL 889'
5. DIRECTION OF OME CROSS CUT S 84° 10' W
6. DIRECTION AT INTERSECTION OF VEIN N 63° W
7. TOTAL PROGRESS TO NOV. 1, 1971 — 242'

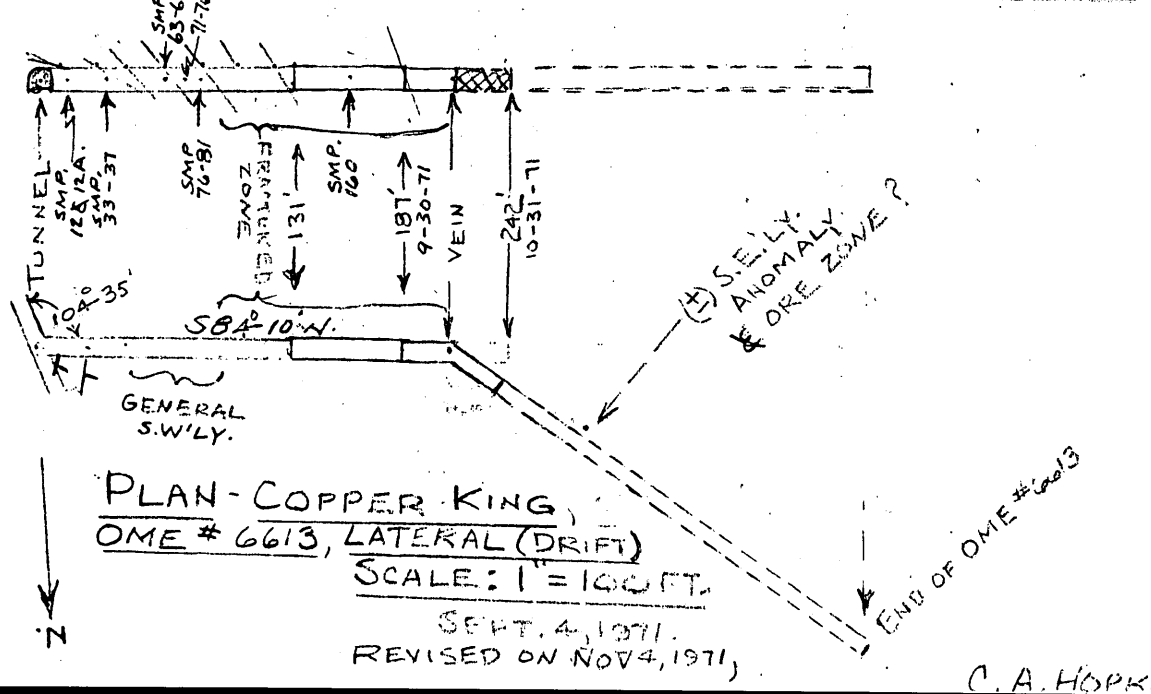
1. Dip of Vein 76° to North East
2. Dip of Bedding Planes South of Vein 41°
3. Dip of Bedding Planes for Dist of 50' Approaching Vein — Jumbled or steep North to Gentle South and highly Fractured
4. Width of Vein at intersection 4" to 20"
5. Character of Vein Whit. calcite - dark sulfides Some Crushing open Water Course
6. Character of Sulfides — Fine grained. STAKE ON DUMP

11/4/71 S.M. BAKER, Geol. Engr.

SPECIAL (C.H. SEPT. 71)
REVISED TO 11/4/71



PROFILE - COPPER KING, OME #6613, LATERAL.



PLAN - COPPER KING,
OME # 6613, LATERAL (DRIFT)
SCALE: 1" = 100 FT.
SEPT. 4, 1971.
REVISED ON NOV 4, 1971,

C. A. HOPKINS, REGIS. ENGR

FORM 9-1648
MARCH 1968

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 22 1971
INITIALS CODE
Cre 120 730
HK 120

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OK
HK 10/18/71

OPERATOR'S MONTHLY VOUCHER

For Month of SEPTEMBER 1971

Docket No. OME- 6613
Contract 14-08-0001 2287
Contract Amount $ 34,360.00
Gov't. Participation % 62½ $ 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES, INC.
Address 1011 Grand Ave., Glenwood Springs, CO.81601

COST ITEMS (FROM EXHIBIT A)	FOR OPERATOR'S USE: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS	FOR GOVERNMENT USE ONLY: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS
DRIFTING @ $55./U	56	$ 3080.00	187	$10285.00	56	$3,080.00	187	$10,285.00
OFFICE @ $50./U	1	50.00	4	200.00	1	50.00	4	200.00
SUPT.-ENGR.@$750./U	1	750.00	4	3000.00	1	750.00	4	3,000.00
ASSAYS: Cu @ $3.	5	15.00	6	18.00	5	15.00	6	18.00
" Ag-Pb-Zn @ $1.50 ea	14	21.00	17	25.50	14	21.00	17	25.50
TOTALS	77	$3916.00	218	$13528.50		$3,916.00		$13,528.50

Assays, Remarks:
Cu of 5 Units includes 4 units of 21299.
Ag-Pb*Zn of 14 units includes 12 units of 21299 (suspension statement, Aug.1971, attached, herewith)

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 4 OCT. 1971 *Payee COLORADO GENEVA IND. INC.

Per G. A. Hopkins Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Haber OME Field Officer Date 10/15/71

(63) 14X0804

Approved for: $ 2,447.50 (SUBJECT TO AUDIT)

Signature [illegible]

Date 10/21/71 Vou. No. 21850

(SEE OTHER SIDE)

FOR OPERATOR'S USE

REMARKS

FOR GOVERNMENT USE

REMARKS

431261

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U.S. GEOLOGICAL SURVEY

OCT 19 2 32 PM '71

BUDGET & FINANCE

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Vouch

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - SEPTEMBER 1971 - PART II.

FROM: Colorado Geneva Industries, Inc.

Docket No. OME 6613.
Contract 2287.
DATE: October 4, 1971.

Project work continued during the month of September to the 187 Unit (feet) point.

The dip of the formation to the Southwest continued to increase and at the 187 unit (ft.) location reached a maxium dip of 70 degrees. The fractured zone which began at the 131 unit (ft.) continued to the 187 unit (ft.) point and slicken-sided walls and gouge areas are also apparent

Sulphide mineralization continues to increase and the calcite filled veinlets are becoming more numerous and zinc sulphide (sphalerite) can easily be identified along with very fine clusters of minerals believed to be other base metal sulphides, in part. We continue to look for replacement of veinlet matter with silica containing mineralization however none has been apparent up to now.

Water flow has increased along certain narrow areas and hampered our operations for several days during the month.

Cut samples are being taken and the length of the cut is the difference in footage of the identifing sample numbers (Union Assay) as we drift diagonally through the faulted zone.

Sample CuK-S-160(Colo. Assay Co.) is a special sample of 5 ft. in length along the veinlet showing the most mineralization at the 160 unit (ft.) location and across the breast of the heading.

Sampling at the 187 unit (ft.) location will be taken during October and described in the report for October.

As we progress from month to month we bring our supplementary drawings and sketches up to date and through the past month, as covered by the report; therefore our amended sheet is submitted herewith. Sample locations are shown on the 100 scale profile of the #6613 lateral.

Road conditions to the Project are bad due to mud, snow and ice and chains are required at times on the 4x4 vehicles.

Colorado Geneva Industries, Inc.

By C. A. Hopkins

C. A. Hopkins, Regis. Engr.
Certain details provided by
S. M. Baker, Geologist.

Telephone 363-3302

and Sample Serial 23336-23339

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

W. C. WANLASS, President
L. G. HALL, Vice President
G. P. WILLIAMS, Treasurer
GERALDINE A. WANLASS, Secretary
P. O. Box 1528
Salt Lake City, Utah 84110

Mine Colorado Geneva Industries, Inc.
c/o Charles A. Hoplins, P.E. 110 1 Grand
Glenwood Springs, Colorado 81601

RESULTS PER TON OF 2000 POUNDS

Sept. 9, 1971

NUMBER	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent
CuK											
SP 33-37 1	Trace	None	0.3	None		None					
63-68	Trace	0.1	0.4	0.037		None					
Spec. 71-76	Trace	None	0.5	None		None					
Sp. 76-81	Trace	None	0.6	None		None					

Remarks

Charges $ 40.00 Paid

Glen P. Williams

OUR MOTTO: — WHAT THERE IS IN IT, NO MORE NO LESS.

EDMUND E. PHILLIPS, Vice-Pres.—Gen. M[illegible] M. E. PHILLIPS, Secretary

THE COLORADO ASSAYING COMPANY

(INCORPORATED)

ASSAYERS AND CHEMISTS

303—623-2842 2244 BROADWAY

DENVER, COLORADO 80201 Sept. 23, 1971

REPORT ON DETERMINATIONS MADE FOR —

Mr. Charles A. Hopkins, P. E.
Colorado Geneva Industries, Inc
1011 Grand
Glenwood Springs, Colo. 81601

SAMPLE MARKS	METALS	Amount per Ton Ozs.	Amount per Ton Hds.	PER CENT		Value per Ton Dollars	Value per Ton Cents
(Cu K.-S-,#160)	Silver	trace					
	Copper			0.01%			
	Lead			none.			

THE COLORADO ASSAYING COMPANY

GOLD AT_____PER OUNCE SILVER AT_____PER OUNCE

LEAD AT_____PER UNIT COPPER AT_____PER UNIT

By Ed Phillips

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey
Branch of Budget and Finance
Washington, D. C. 20242

21299

ADMINISTRATIVE SUSPENSION STATEMENT

Name and Address of Payee:

Colorado Geneva Industries, Inc.
1011 Grand Ave.
Glenwood Springs, Co. 81601

Amount Claimed:	Differences (Explained Below)	Amount Approved
4,130.00	30.00	4,100.00 2,562.50 Govt. Part.
Dt. Voucher No.	**Payee's Invoice No.**	**Period**
	Dockect #6613 Contract #2287	August 1971

EXPLANATION

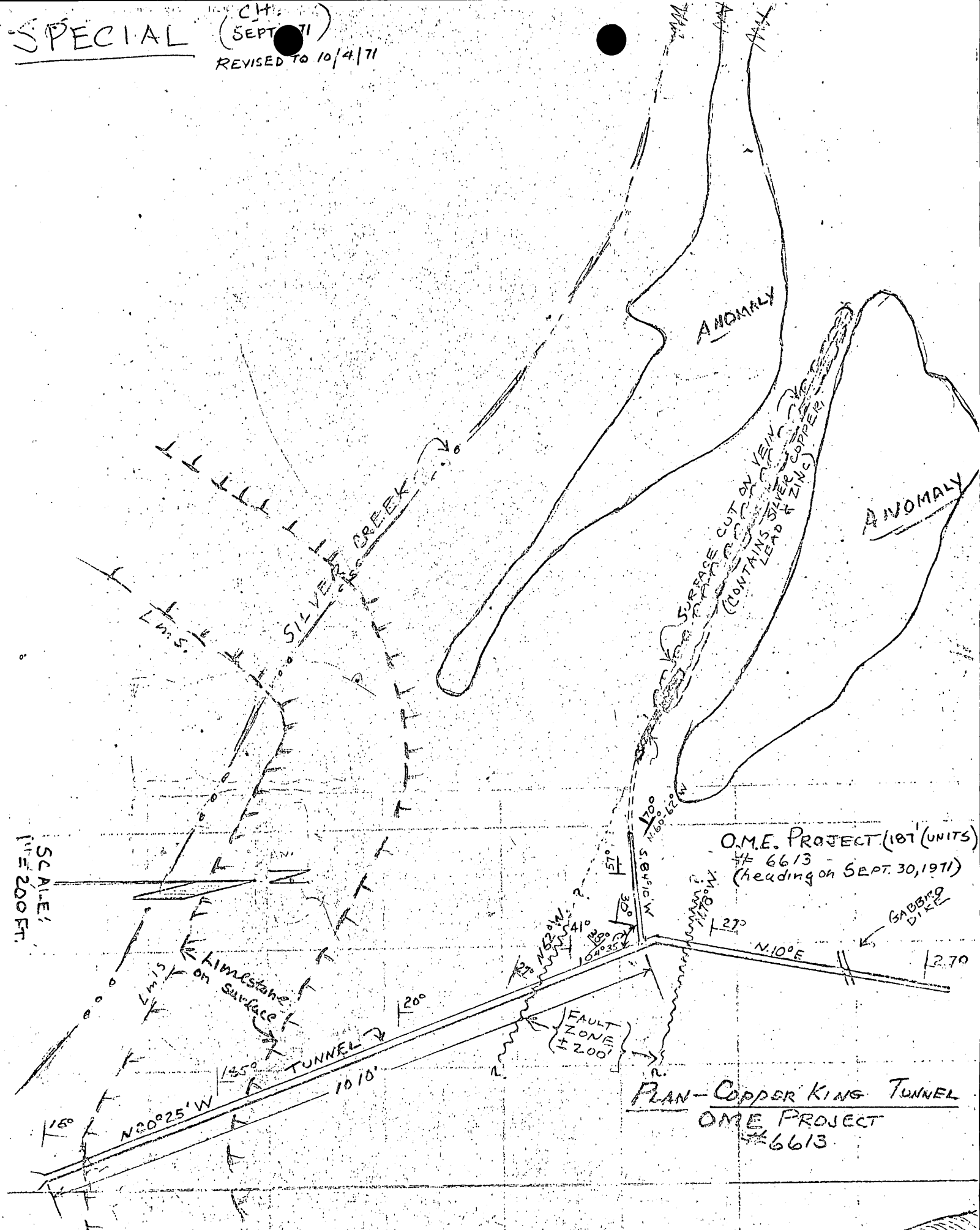
Withholding $30.00 for assays pending receipt of assay certificates, sample widths and location ~~MM~~ maps, according to the Contract's General Provisions.

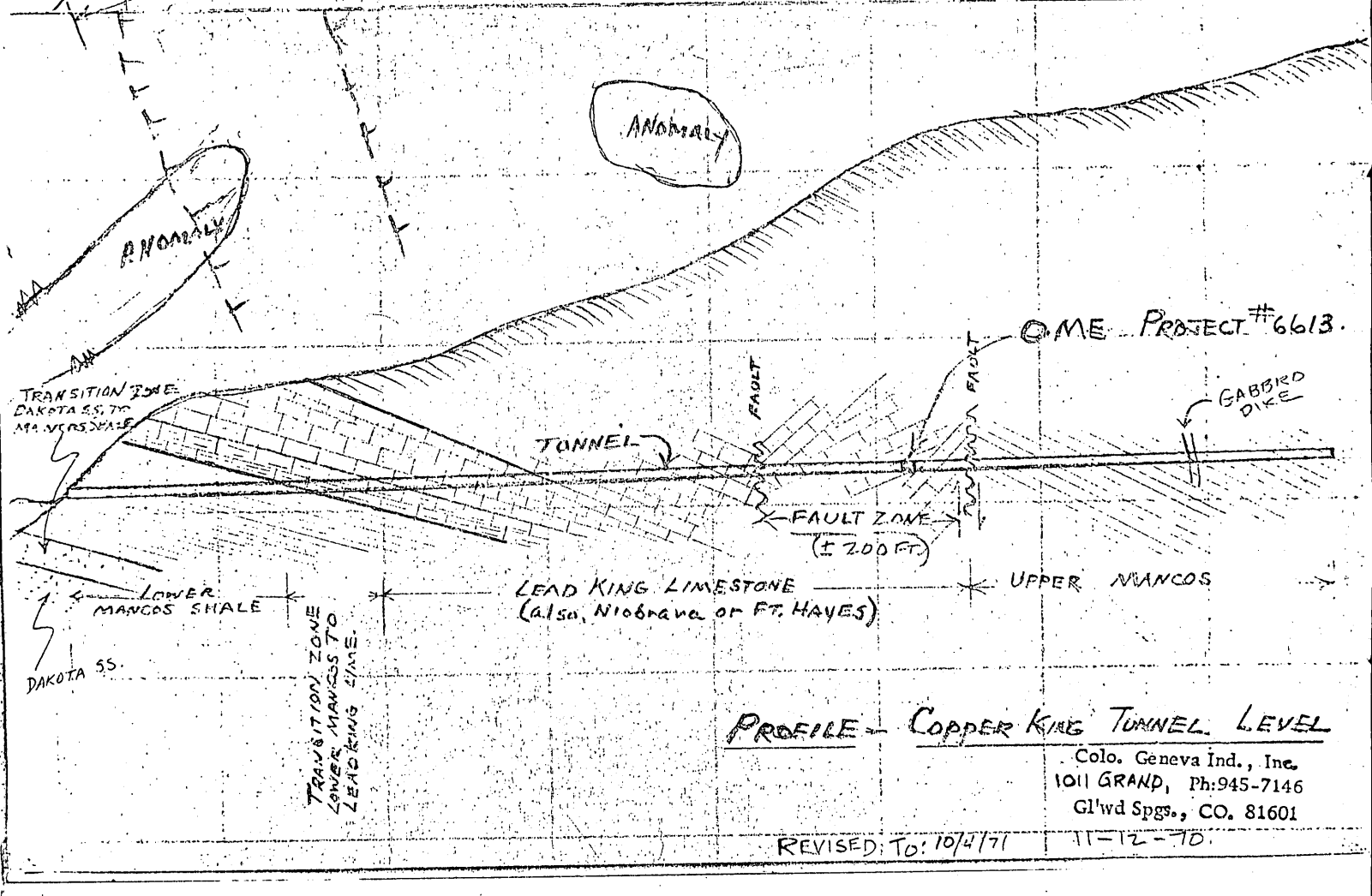
Any reclaim for items deducted must be included as a separate item on subsequent monthly voucher and supported by the original of this statement.

ms

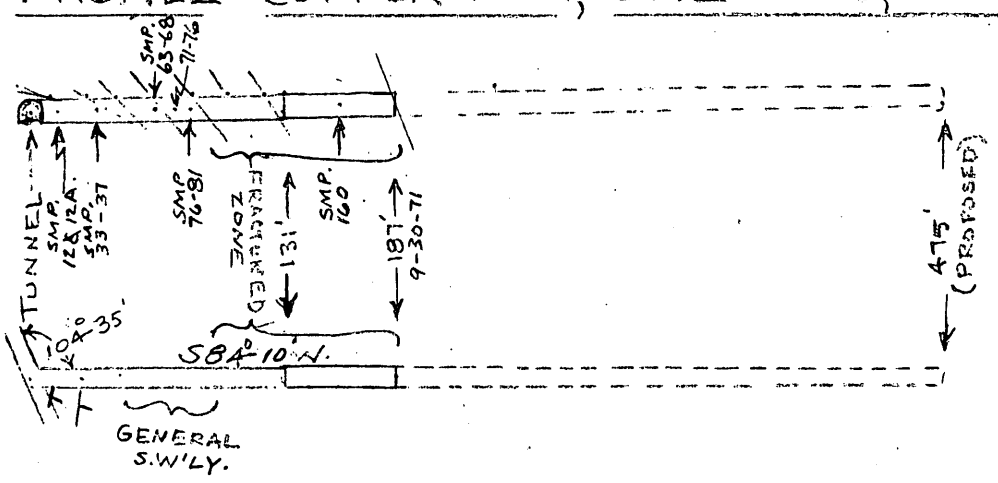
Branch of Budget and Finance

SPECIAL (C.H. SEPT. 71)
REVISED TO 10/4/71





PROFILE - COPPER KING, OME #6613, LATERAL.



PLAN - COPPER KING, OME #6613, LATERAL.

SCALE: 1" = 100 FT.

SEPT. 4, 1971.
REVISED ON OCT. 4, 1971,

N

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 28

September 8, 1971

OFFICIAL COPY
O. M. E.
RECEIVED
SEP 10 1971

INITIALS	CODE
Col	120 M
	130
HK	120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith is the original and two copies of the Operator's Monthly Voucher for August, 1971, recommended for payment.

W. L. Emerick

for J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

FORM 9-1648
MARCH 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OK-HK 9/8/71

OFFICIAL COPY M. E. RECEIVED SEP 17 1971 INITIALS CODE

RECEIVED SEP 7 - 1971 Denver, Colorado

OPERATOR'S MONTHLY VOUCHER For Month of AUGUST 1971

Docket No. OME- 6613 # 2287

Contract 14-08-0001 34,360.00

Contract Amount $ 621 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES, INC.

Address 1011 Grand Ave., Glenwood Springs, CO.81601

FOR OPERATOR'S USE					FOR GOVERNMENT USE ONLY			
COST ITEMS (FROM EXHIBIT A)	THIS MONTH		TO DATE		THIS MONTH		TO DATE	
	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS
ft. DRIFTING @ $55./U	60	$ 3300.00	131	$ 7205.00	60	$3,300.00	131	$7,205.00
OFFICE @ $50./U	1	50.00	3	150.00	1	50.00	3	150.00
SUPT.-ENGR.@$750./U	1	750.00	3	2250.00	1	750.00	3	2,250.00
ASSAYS: copper @ $3.	4	12.00	5	15.00	~~4~~	~~12.00~~	~~5~~	~~15.00~~ HK
silver, lead, zinc @ $ 1.50 ea.	12	18.00	15	22.50	~~12~~	~~18.00~~	~~15~~	~~22.50~~ HK
							Oct.	7.50
								9612.50
						4100.00 HK.		9,605.00 HK
TOTALS	78	$ 4130.00	157	$ 9642.50		~~$4,130.00~~		~~$9,642.50~~

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 4 SEPT. 1971 *Payee COLORADO GENEVA IND. INC.

Per C. A. Hopkins Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hosler OME Field Officer Date 9/8/71

(63) 14X0804

Approved for: $ 2562.50 (SUBJECT TO AUDIT)

Signature

Date SEP 17 1971 Vou. No. 21299

(SEE OTHER SIDE)

FOR OPERATOR'S USE	FOR GOVERNMENT USE
REMARKS	REMARKS
	1) withhold $30.00 claimed for assays pending receipt of assay certificate, sample width, and location map. H. Kerbaugh 9/10/71

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Vouc

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey
Branch of Budget and Finance
Washington, D. C. 20242

21299

ADMINISTRATIVE SUSPENSION STATEMENT

Name and Address of Payee: Colorado Geneva Industries, Inc.
1011 Grand Ave.
Glenwood Springs, Co. 81601

Amount Claimed:	Differences (Explained Below)	Amount Approved
4,130.00	30.00	4,100.00 2,562.50 Govt. Part.
Bu. Voucher No.	Payee's Invoice No.	Period
	Docket #6613 Contract #2287	August 1971

EXPLANATION

Withholding $30.00 for assays pending receipt of assay certificates, sample widths and location ~~of~~ maps, according to the Contract's General Provisions.

Any reclaim for items deducted must be included as a separate item on subsequent monthly voucher and supported by the original of this statement.

Branch of Budget and Finance

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - AUGUST 1971 - PART II.

FROM: Colorado Geneva Industries, Inc.

OME - Region 10
RECEIVED
SEP 7 - 1971
Denver, Colorado

Docket No. OME 6613
Contract 2287.
Date: Sept. 4, 1971.

Work on the stated Project continued throughout the month of August to the 131 Unit (feet) point.

As the work progressed from the 71 unit point to the 131 unit point continued to dip to the Southwest and reached a maximum dip of 58 degrees at the 103 unit location. From the 103 unit location to the the 131 unit point it is so intensely fractured that definate dips and strikes cannot be accurately obtained and gouge areas are beginning to develope.

All the excavated material continues to further increase in the amount of sulphide mineralization and small intensely mineralized veinlels are beginning to develope along with replacement carbonate mineralization.

Samples of representative excavated material along with special samples of the veinlets were sent to the Union Assay Office in Salt Lake City, Utah, during the past month and the reports on these samples will be included in the Sept. report.

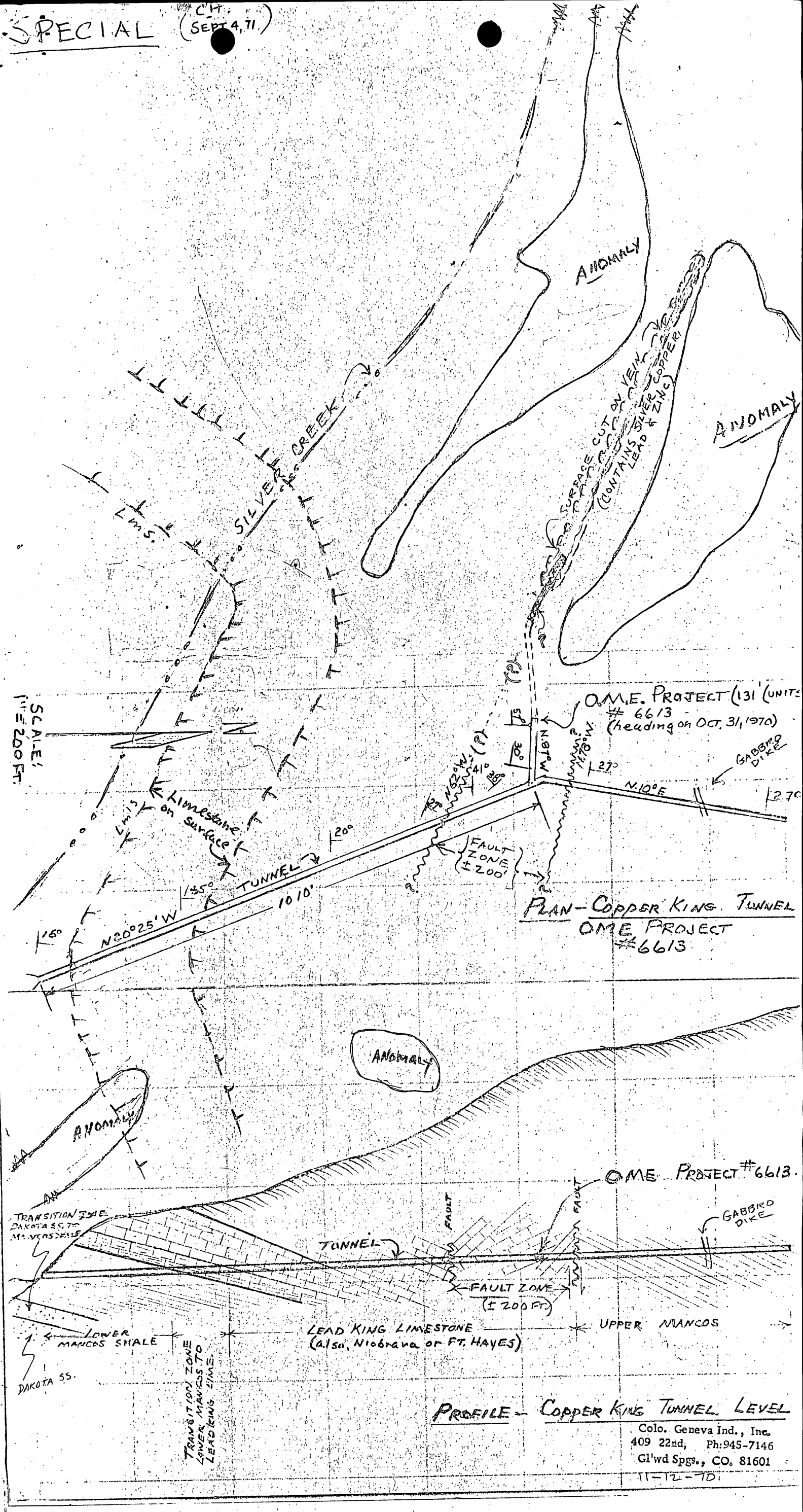
A revised general Plan and longitudinal profile of the the main tunnel is included.

A more detailed Plan and Profile of the new lateral drift (OME-6613) at a scale of 1" = 100 ft. is also a part of the revised drawing, and is submitted with this report.

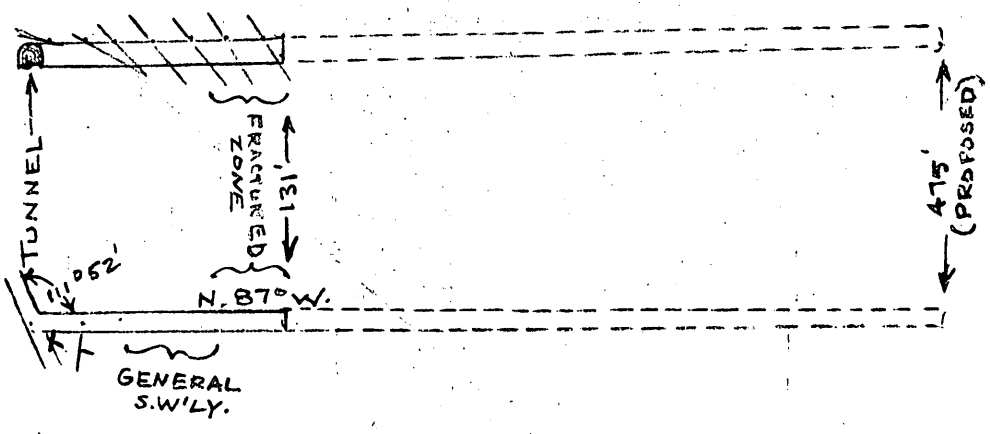
By C.A. Hopkins

C.A. Hopkins, Regis. Engr.
details provided by S. M.
Baker, Geologist.

SPECIAL (C.H. SEPT 4, 71)



PROFILE - COPPER KING, OME #6613, LATERAL.



PLAN - COPPER KING, OME #6613, LATERAL.

SCALE: 1" = 100 FT.

SEPT. 4, 1971.

IN REPLY REFER TO:

OK-WPE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

August 10, 1971

OFFICIAL COPY
O. M. E.
RECEIVED
AUG 12 1971

INITIALS	CODE
Col	120
	120
HK	120
WPE	

JoBt 7 8/12

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the original and two copies of the Operator's Monthly Voucher for July 1971 on the above-captioned subject, recommended for payment.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

FORM 9-1648
MARCH 1966

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OFFICIAL COPY
RECEIVED AUG 20 1971
INITIALS CODE

ME Region III
RECEIVED
AUG 9 - 1971
Denver, Colorado

OK-WRL 8/12/71
HK 8/17/71

OPERATOR'S MONTHLY VOUCHER

For Month of JULY 1971

Docket No. OME- # 6613
Contract 14-08-0001 2287
Contract Amount $ 34,360.00
Gov't. Participation % 62½ $ 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES, INC.
Address 1011 Grand Ave., Glenwood Springs, CO.81601

COST ITEMS (FROM EXHIBIT A)	FOR OPERATOR'S USE: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS	FOR GOVERNMENT USE ONLY: THIS MONTH UNITS	THIS MONTH COSTS	TO DATE UNITS	TO DATE COSTS
DRIFTING @ $55./ft.	52	$ 2860.00	71	$ 3905.00	52	$2,860.00	71	$3,905.00
OFFICE @ $50./unit	1	50.00	2	100.00	1	50.00	2	100.00
Sup. Engr. @ $750/unit	1	750.00	2	1500.00	1	750.00	2	1500.00
ASSAYS: copper @ $ 3.	0	0.	1	3.00	—	—	1	3.00
" silver, Lead, Zinc @ $1.50 ea.	0	0.	3	4.50	—	—	3	4.50
TOTALS	14	$ 3660.00	79	$ 5512.50		$3,660.00		$5,512.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 4 AUGUST 1971 *Payee COLORADO GENEVA IND., INC.

Per C. A. Hopkins. Title Secretary.

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hacker OME Field Officer 8/9/71 Date

(63) 14X0804

Approved for: $ 2,287.50
(SUBJECT TO AUDIT)

Signature Sg

Date AUG 18 1971 Vou. No. 20820

(SEE OTHER SIDE)

381934

RECEIVED
U.S. GEOLOGICAL SURVEY
AUG 13 2 52 PM '71
BUDGET & FINANCE

OME Region III
RECEIVED
AUG 9 - 1971
Denver, Colorado

USGS - OFFICE OF MINERALS EXPLORATION
NARRATIVE REPORT - JULY 1971 - PART II.
From: Colorado Genova Industries, Inc.

Docket No. OME 6613
Contract 2237
Date: Aug. 4, 1971

Operations on the Project actually started about the middle of June and included equipment hauling to the mine and many repairs at various locations within the operations.

Work on the Contract heading started on July 1, 1971 as stated in the "Notice of beginning of work on Exploration Contract, OME 6613, etc. , dated July 29, 1971.

As the work in the heading progressed from the 50 unit point to the 70 unit location the limestone formations continued curling over to the Southwest and the last dip showed 55 degrees to the Southwest.

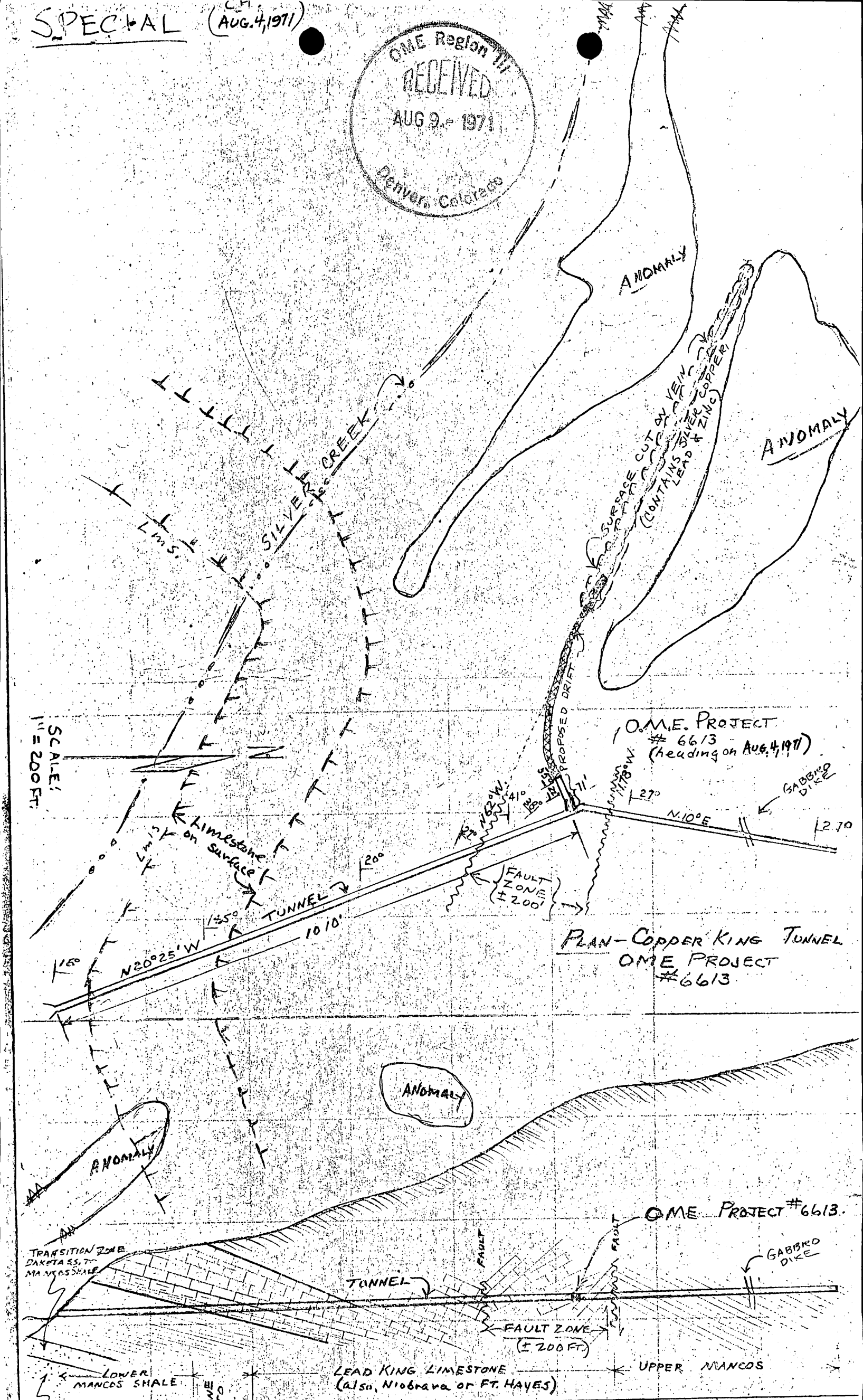
The excavated fault zone material continues to show an increase in sulphide metal as the heading progresses in the Southwesterly direction and sampling continues as advanced. Sampling results and certificates will be included in the report for the month of August.

A revised plan and longitudinal profile of the adit is included with this report.

By C. A. Hopkins
C. A. Hopkins, Regis. Engr.

SPECIAL (AUG. 4, 1971)

OME Region III
RECEIVED
AUG 9 - 1971
Denver, Colorado



REVISIONS:
AUG. 4, 1971

PROFILE - COPPER KING TUNNEL LEVEL

Colo. Geneva Ind., Inc.
1011 GRAND AV. Ph: 945-7146
Gl'wd Spgs., CO. 81601

11-12-70

OFFICIAL
COPY
O. M. E.
RECEIVED
AUG 4 1971

INITIALS	CODE
CC	120 M
JL	130
HK	120

OME Denver
RECEIVED
AUG 2 - 1971
Denver, Colorado

COLORADO GENEVA INDUSTRIES INC.
1011 Grand Ave.
Glenwood Springs, Colo. 81601.

July 29, 1971.

United States Dept. of Interior,
Geological Survey, Federal Center,
Office of Minerals Exploration,
Building 53, Room 28,
Denver, Colo. 80225.

RE: Notice of beginning of work date on July 1, 1971, on Exploration Contract. OME 6613, #2287, Copper King.

Gentlemen:

Colorado Geneva Industries Inc. hereby states that the start-date of work under OME Contract No. 2287, Docket No. 6613 (copper-silver) in Gunnison County, Colorado was on July 1, 1971.

The first report for the 1971 program will be submitted after the completion of this months work on July 31, 1971.

Respectfully submitted,

Colorado Geneva Industries Inc.

By Charles A. Hopkins.
Charles A. Hopkins,
Secretary.

Submitted in
Duplicate.

Office of Minerals Exploration
Building 53 Room 200

April 19, 1971

Mr. Charles Hopkins, Secretary
Colorado Geneva Industries, Inc.
1011 Grand Avenue
Glenwood Springs, Colorado 81601

OFFICIAL COPY
O. M. E.
RECEIVED
APR 21 1971
INITIALS CODE
~~130~~
Gal 120
HK ~~120~~

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Hopkins:

Enclosed are the original and three copies of proposed Amendment No. 2 (two pages) to the subject contract, signed for the Government.

If the proposed amendment is satisfactory to you, all four copies should be signed by the President, retain the "Operator's Copy" and return the "Government's Copy", "Budget and Finance's Copy", and the "Field Office's Copy" to this office.

If any part of the proposed amendment does not have your approval, the original and all copies are to be returned to this office together with the proposed changes for consideration.

Sincerely yours,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures: 4 copies of Amendment No. 2
cc: Chief, Office of Minerals Exploration
OME-6613
OME chron
Mr. Hasler

JWHasler/mc/4/19/71

United States Department of the Interior

GEOLOGICAL SURVEY
Denver Federal Center
Denver, Colorado 80225

IN REPLY REFER TO:

Office of Minerals Exploration
Building 53 Room 200

April 28, 1971

OFFICIAL COPY
O. M. E.
PERMANENT
APR 30 1971
INITIALS CODE

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith are the "Government's Copy" and "Budget and Finance's Copy" of Amendment No. 2 (2 pages) to the subject contract, executed by the Operator, and the Government.

The Operator has retained the "Operator's Copy" and I have retained the "Field Office's Copy" as well as the extra copy for field use.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/14/71	Emerick	120
4/14/71	Kirkemo	120
4/14	Kirkgaard	
		130
4/14	CSK	220
		120M

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are the original and three copies of proposed Amendment No. 2 (two pages), to the subject contract, signed for the Government. An extra copy of the amendment is also enclosed for field use.

If the proposed amendment is satisfactory to you and the Operator, all four copies should be signed by the President and distributed in the usual manner.

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

Harold Kirkemo (Col)
Harold Kirkemo

Enclosures

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

BSLong/1 4/14/71

DRAFT 3/2/71
WLEmerick/bsl

To Legal
3/5

120 (HK. ~~on leave~~)
120 WE
120M

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

AMENDMENT No. 2

It is agreed this _____ day of _____, 1971, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613) dated December 17, 1969, as amended by Amendment No. 1, dated September 24, 1970, is further amended effective November 2, 1970, as follows:

1.(a) Work under the contract may be suspended during the period beginning November 3, 1970, and resuming on or before but not later than July 15, 1971.

(b) The Government shall not contribute to any costs incurred during the period of suspension.

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

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

2. The date fixed by Article I(a) of the contract for completion of the work is extended from twelve (12) to twenty-four (24) months from the date of the contract, or until December 17, 1971.

3. The maximum period for royalty payments as provided in Article 6(b) of the contract and for the lien to secure payment thereof is extended from ten (10) to eleven (11) years from the date of the contract.

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

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration
U. S. Geological Survey

COLORADO GENEVA INDUSTRIES, INC.

By_____

Title_____

I, _____ certify that I am
(Name)
the secretary of the Colorado Geneva Industries, Inc. named as Operator herein; that _____, who signed this
(Name)
amendment on behalf of the Operator, was then president of said corporation; that said amendment was duly signed for and on behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

_____
(Secretary)

Corporate Seal

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225
Office of Minerals Exploration
Building 53 Room 200

February 24, 1971

MAR 2 1971
INITIALS CODE
130
Cop 120
INFO DOE

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME 6613 (Cu - Ag)
Colorado Geneva Industries, Inc.
(Copper King Project)
Gunnison County, Colorado
Contract 2287

Enclosed is a copy of a request for an amendment to the subject contract to allow for a recess of the project work due to deep winter snows at elevations above 9,000 feet. Roads to the property should be accessible by July 15, 1971 unless late spring snows or inclement weather hamper operations.

I recommend the contract be amended to allow for those unfavorable conditions.

J. William Hasler
J. William Hasler
Field Officer Region III
Office of Minerals Exploration

Enclosure

Region III
RECD
JAN 21 1971
De. ...rado

COLORADO GENEVA INDUSTRIES INC.
1011 Grand Avenue,
Glenwood Springs, Colo. 81601.

Jan. 14, 1971.

United States Department of Interior,
Geological Survey, Federal Center,
Office of Minerals Exploration,
Building 53, Room 200.
Denver, Colorado, 80225.

RE: Request to be placed on Inactive Status, CMX # 2287, Until July 15th, 1971.

Gentlemen:

Colorado Geneva Industries Inc. hereby requests being placed on an inactive status on our CMX Contract No. 2287, Docket No. 6615 (copper-silver) located in the County of Gunnison, State of Colorado, until July 15th 1971.

Our operations for 1970 were forced to close down on Nov. 3rd 1970 because of deep snows and bad road conditions from Marble, Colorado to the Copper King Project site.

Information on your action concerning this request is most important to us and written document is hereby necessary for both of our records.

Respectfully submitted,

Colorado Geneva Industries Inc.

by Charles A. Hopkins.
Charles A. Hopkins.
Secretary.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

20 B+P 11/27

November 20, 1970

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed is the original and two copies of the Operator's Monthly Voucher for the month of October, 1970, with accompanying narrative, sketch map and assay data, recommended for payment.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

FORM 9-1648
MARC[redacted]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OK-0022
11/25/70

OFFICIAL COPY

OPERATOR'S MONTHLY VOUCHER

For Month of OCTOBER 1970

Docket No. OME- # 6615
Contract 14-08-0001 2287
Contract Amount $ 34,560.00
Gov't. Participation % 62½ $21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES, INC.
Address 409 22nd Street, Glenwood Springs, CO.81601

FOR OPERATOR'S USE					FOR GOVERNMENT USE ONLY			
COST ITEMS (FROM EXHIBIT A)	THIS MONTH		TO DATE		THIS MONTH		TO DATE	
	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS
DRIFTING @$ 55./ft.	13	$ 715.00	19	$1045.00	13	$ 715.00	19	$ 1,045.00
OFFICE @$ 50./M.	01/2	25.00	1	50.00	½	25.00	1	50.00
Sup. Engr.@$750./M.	01/2	375.00	1	750.00	½	375.00	1	750.00
ASSAYS: Copper @ $ 3.	0	0	1	3.00	0	0	1	3.00
" Silver, Lead, Zinc @ $ 1.50 ea.	0	0	3	4.50	0	0	3	4.50
TOTALS	14	$1115.00	25	$ 1852.50		$1,115.00		$1,852.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 12 NOV. 1970 *Payee COLORADO GENEVA IND., INC.

Per C.A. Hopkins, Title SECRETARY

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hasler 11/20/70
OME Field Officer Date

(63) 14X0804

Approved for: $ 696.88
(SUBJECT TO AUDIT)

Signature mo

Date DEC 3 1970 Vou. No. 13837

(SEE OTHER SIDE)

FOR OPERATOR'S USE	FOR GOVERNMENT USE
REMARKS	REMARKS

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

H-968

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - OCTOBER 1970 - PART II

Docket No. OME 6613
Contract 2287
Date: Nov. 14, 1970

During the month of October a more detailed study of the main adit was conducted. The area described in the report dated Oct. 5, 1970 stated the limestone (Ft. Hayes or Lead King) as conformativly dipping northeasterly up to the 1000 ft. location in the adit has been found to dip as described to the 834 ft.(4*) location. Beginning at the 834 ft. location a faulted zone is disclosed and the dip of the limestone changes to a southwesterly dipping faulted zone for the remaining 250 ft., or so, of the limestone, to the upper Mancos Formation contact. The 250 ft. limestone zone also discloses an increase in the sulphide content throughout the zone.

A cut sample was obtained from the beginning of the OME Contract which was designated OME 6613 - 12 as stated in the last paragraph of the Sept. 1970 Report (dated Oct. 5,1970). Also a selected sample of the sulphide containing fractures was obtained for further information and this additional sample was not billed to the OME 6613 account.

The breast of the Project heading at the 19 ft. location from the main adit discloses a further increase in the sulphide filled fractures and a continued increasing of the southwesterly dip of the limestone formation to about a vertical position.

A new plan and longitudinal profile of the adit is included with this report to supplement and partly revise the plan sketch included with the September 1970 Report.

Adverse weather conditions are presently effecting the operations and access to the Project site is becoming more difficult so we may be forced to suspend operations until the next season

By C. A. Hopkins
C. A. Hopkins, Regis. Engr.

Colorado Geneva Industries, Inc
% Charles A. Hopkins
40922 ND. Street ?
Glenwood Springs, Colo. 81601

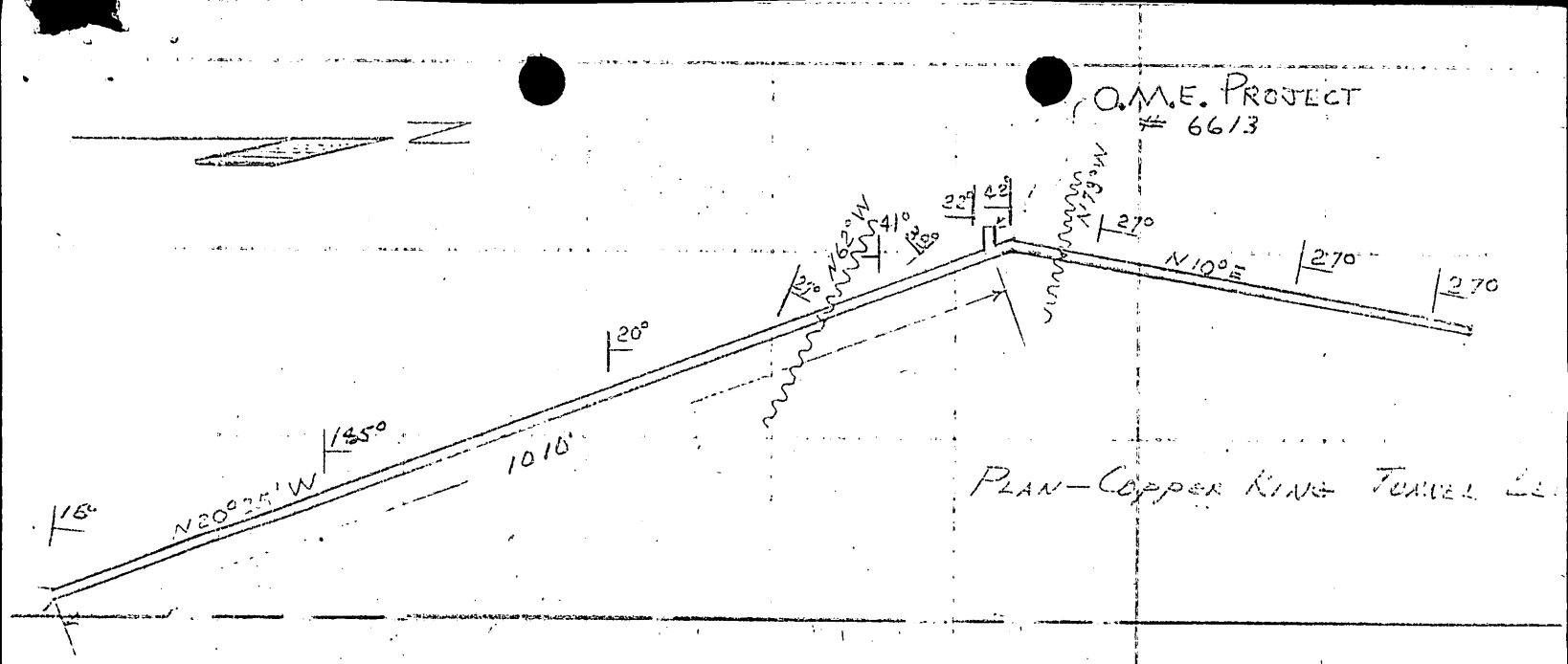
CHARGES $14.00 (Paid)

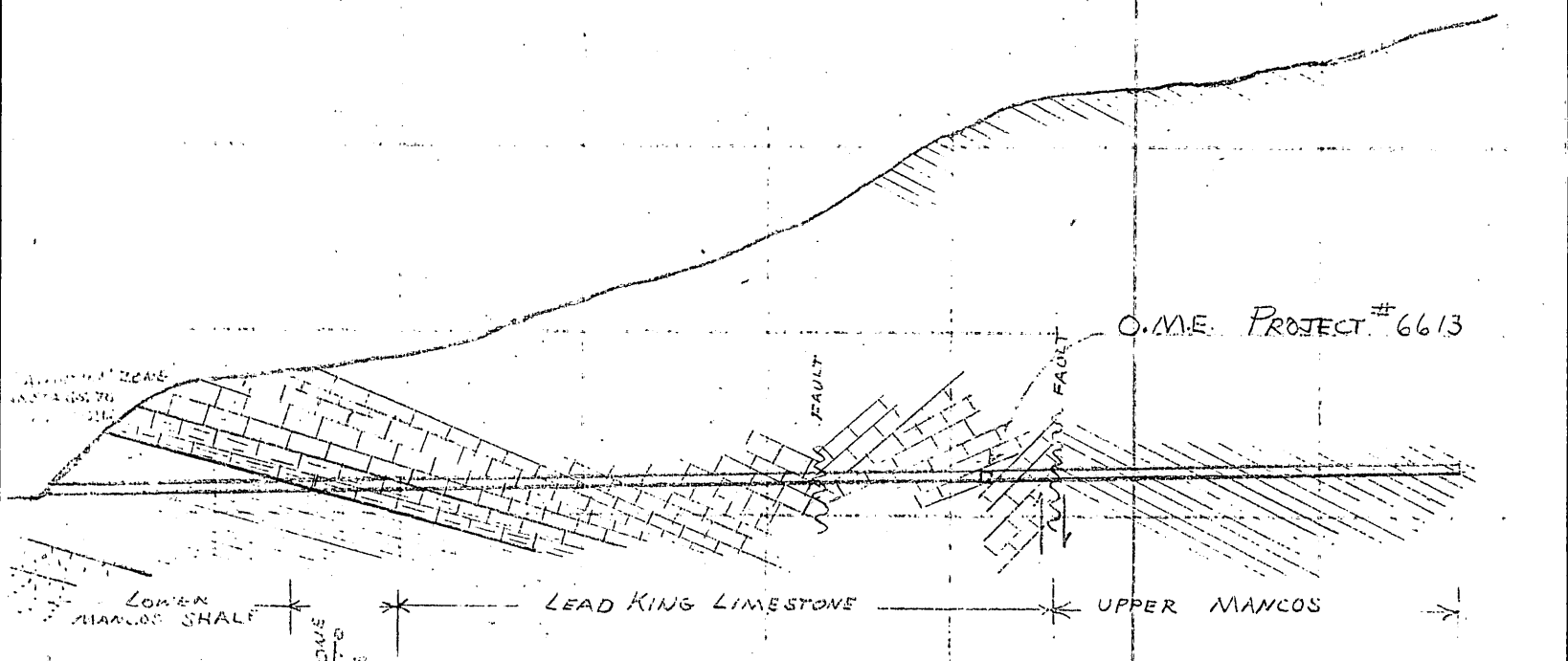
DATE Nov. 4th, 1970

Miner's Assay Office
George Treder, Mgr.
Box 177
Idaho Springs, Colorado 80452

ASSAYER George Treder

No.	Oz Gold	Oz Silver	% Lead	% Zinc	% Copper	%	%	%	App. Value Per Ton
OME #6613 - 12	None	.36	None	.80	None				Nil
- A12 (A1-)	.01	.75	.10	.50	None				Nil





OME # 6613.
PROFILE - COPPER KING TUNNEL LEVEL
Oct. -1970

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

October 30, 1970

OFFICIAL COPY
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HK 120
WE 120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed is the original and two copies of the Operator's Monthly Voucher for the month of September, 1970 recommended for payment, with accompanying data.

Also enclosed is a note from the Operator informing us that work under the subject contract actually started on September 14, 1970.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

FORM 9-1648
MARCH 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OK-WE
11/3/70

OPERATOR'S MONTHLY VOUCHER For Month of SEPTEMBER 1970

Docket No. OME- # 6613
Contract 14-08-0001 2287
Contract Amount $ 34,360.00
Gov't. Participation % 62½ $ 21,475.00

Operator's Name COLORADO GENEVA INDUSTRIES, INC.
Address 409 22nd St., Glenwood Springs, Colo. 81601

FOR OPERATOR'S USE					FOR GOVERNMENT USE ONLY			
COST ITEMS (FROM EXHIBIT A)	THIS MONTH		TO DATE		THIS MONTH		TO DATE	
	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS	UNITS	COSTS
DRIFTING @ $55./ft.	6	$330.00	6	$ 330.00	6	$330.00	6	$330.00
OFFICE @ $ 50./UNIT	01/2	25.00	01/2	25.00	1/2	25.00	1/2	25.00
Sup. ENGR.@ 750/ Unit	01/2	375.00	01/2	375.00	1/2	375.00	1/2	375.00
ASSAYING, 1 Copper @ $3.ea.		3.00		3.00	1	3.00	1	3.00
", 1-Lead, Zinc, Silver @ $ 1.50 ea.		4.50		4.50	1	4.50	1	4.50
TOTALS		$ 737.50		$ 737.50		$737.50		$ 737.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 6 October 1970 *Payee COLORADO GENEVA IND., INC.

Per [signature] Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U. S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Approved as noted, subject to field examination and audit.

Signature J. William Hasler OME Field Officer 10/30/70 Date

(63) 14X0804

Approved for: $ 460.94
(SUBJECT TO AUDIT)

Signature ms

Date NOV 9 1970 Vou. No. 13424

(SEE OTHER SIDE)

FOR OPERATOR'S USE

REMARKS

FOR GOVERNMENT USE

REMARKS

U S I I 8 1

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OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of two parts.

FIRST, the Operator's Monthly Voucher on Form 9-1648 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and three copies of each of the two sections of this report to the OME regional Field Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, FORM 9-1648

In the left hand column list the items for which costs were incurred during the month, and also the items for which costs were previously reported. For items previously reported, show only UNITS TO DATE and COSTS TO DATE. Items listed should conform to Exhibit A of the contract (Estimated Costs of the Work). The total of COSTS THIS MONTH followed by the Operator's signature constitutes a claim for payment of the Government's share of the costs. The Operator or his agent must sign the certification in the lower left corner.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as unemployment taxes, employee's liability insurance, and depreciation of Operator-owned equipment. The certification may be stated thus, "Certified True Copy", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Field Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Vouche

USGS - OFFICE OF MINERALS EXPLORATION

NARRATIVE REPORT - SEPT. 1970 - PART II

Docket No. OME 6613
Contract 2287
Date: Oct. 5, 1970

OCT 12 1970

The Copper King Adit of approximately 1600 ft. in length was driven in the period of 1900 to 1910 and no work was done since that time until the present Project began.

Work on the Project started on July 23, 1970 consisting of rehabilitation of the adit, at the Operators (Colorado Geneva Ind. Inc.) expense, from the portal to the point of beginning of the exploration contract at approximately 1024 ft. from the portal.

The beginning 1000 ft. of adit passes through conformativly northeasterly diping Fort Hays Limestone member of the Mancos Shale formation of Upper Cretaceous (Niobrara) age. Beyond this area a transition zone begins and the formation begins to disclose movement, alteration and a gradual change of dip to vertical and finally to a steep southwesterly dip along with a minor series of faults throughout the zone. Sparcely mineralized minute fractures containing pyrite and base metal sulphides are present along with secondary non-metallic replacement minerals are present. The zone finally passes into the Mancos Shale at a point beyond the described area. This area is also crossed by a narrow dike of gray gabbro porphyry cutting the Mancos Shale and the shale continues to the end of the adit.

The OME exploratory drift begins in the transition zone and the first round exposes freshly fractured limestone with small areas showing pyrite concentrations which which will be sampled to disclose if the pyrite is copper containing and also to disclose the presence of other metals. The freshly exposed formation also discloses more clearly the southwesterly change of dip of the limestone and as the work progresses further details of the structural and mineralogical details will be mapped and described.

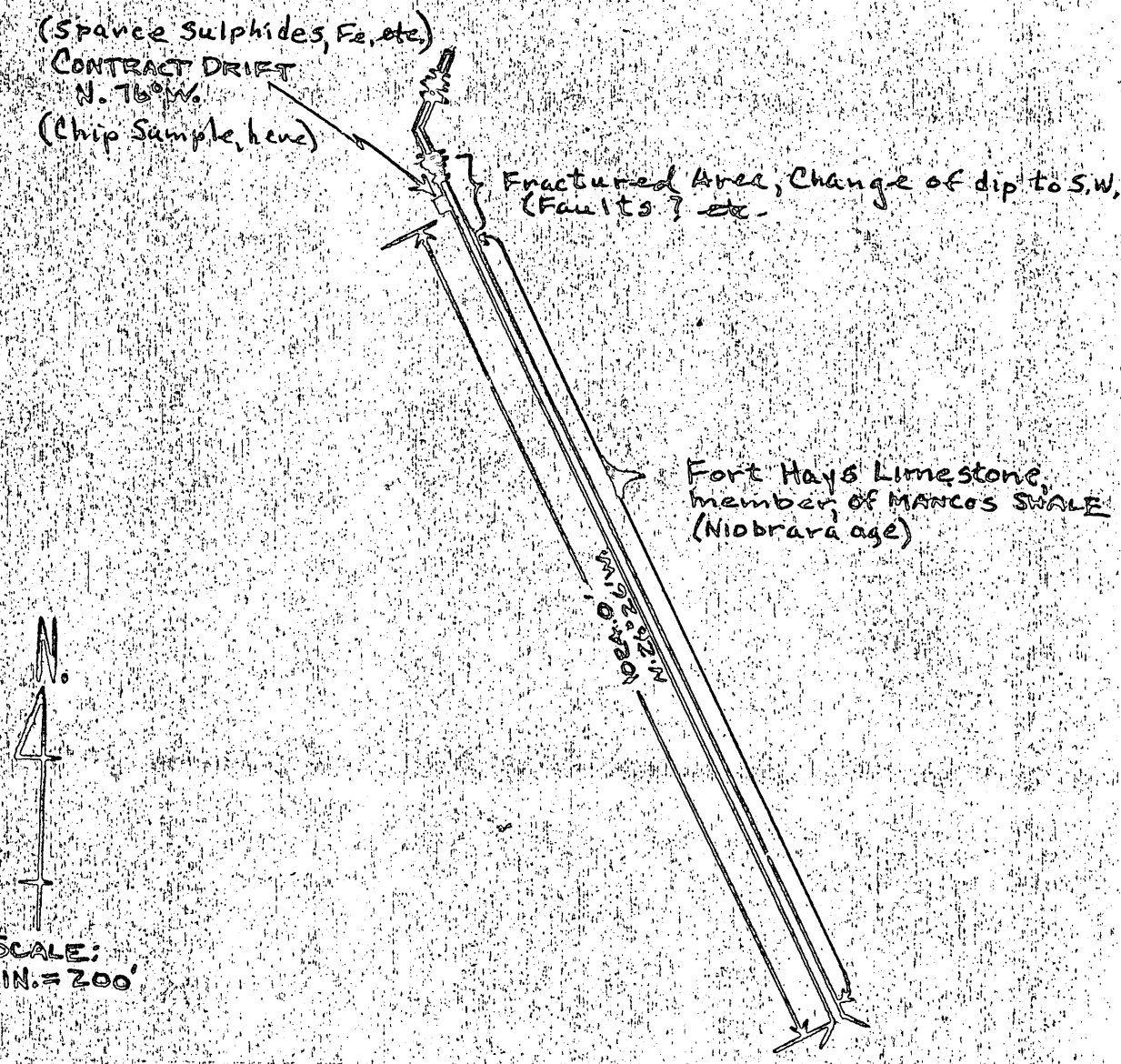
By C. A. Hopkins

C. A. Hopkins, Regis. Engr.

USGS - OFFICE OF MINERALS EXPLORATION

REPORT FOR SEPTEMBER 1970 - PART II

Docket No. OME 6613
Contract 2287
DATE: Oct. 5, 1970



COLORADO GENEVA INDUSTRIES INC.
409 22nd St.
GLENWOOD SPRINGS, COLORADO, 81601

By; Charles A. Hopkins,
P.E. - Mining Engr.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

OFFICIAL COPY
O. M. E.
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OCT 12 1970

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HK	120

October 9, 1970

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are two copies of Amendment No. 1 (one page) to the subject contract signed for by the Operator and the Government. The Operator signed and retained the "Operator's Copy", and I have retained the Field Office Copy as well as the Extra Copy for Field Use.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

Office of Minerals Exploration
Building 53 Room 200

OFFICIAL COPY
SEP 30 1970
INITIAL HOUSE
Vol 120
HK

September 28, 1970

Mr. Charles A. Hopkins
1840 Grand Avenue
Glenwood Springs, Colorado 81601

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Hopkins:

Enclosed are the original and three copies of proposed Amendment No. 1 (one page), to the subject contract, signed for the Government.

If the proposed amendment is satisfactory to you all four copies should be signed by you or an authorized representative of Geneva Industries, Inc. Please retain the "Operator's Copy" and return the remaining copies to this office.

If any part of the proposed amendment does not have your approval, the original and all copies are to be returned to this office with the proposed changes for consideration.

Sincerely yours,

J. William Hasler
mc.

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

cc: Chief, OME
OME-6613
OME chron
Mr. Hasler

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
9/23/70	Kirkemo	120
9/24	Emerick	120
9/24	Cal	220
		120M

SEP 24 1970

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are the original and three copies of proposed Amendment No. 1 (one page), to the subject contract, signed for the Government. An extra copy of the amendment is also enclosed for field use.

If the proposed amendment is satisfactory to you and the Operator, all four copies should be signed by an authorized representative of the Operator and distributed as usual.

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

Harold Kirkemo (bsl)

Harold Kirkemo

Enclosures

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

BSLong/1 9/23/70

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

September 2, 1970

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Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado
Contract 2287

The Operator, in a letter dated August 29, 1970 and arriving in this office September 1, 1970 is requesting an amendment to again postpone the starting date of the contract work from September 1, 1970 to October 1, 1970 because of additional delays in rehabilitation of the Copper King adit and tunnel, and the necessity to comply with Colorado State Mine safety regulations. Because of the late Spring, snows on the mine area referred to in my memorandum to you of July 29, and other operational difficulties it is recommended that the contract be amended to place the starting date at October 1, 1970.

During discussions with the Operator at Glenwood Springs during August, I have been informed that mine materials and equipment are becoming increasingly expensive as well as difficult of supply, such as pipe, mine rails, spikes, etc. etc.

I am returning the copies of Amendment No. 1 to the subject contract, with this memorandum for a change of date from September 1, 1970 to October 1, 1970 as I was instructed yesterday by Mr. Emerick.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

COLORADO GENEVA INDUSTRIES INC.
1840 Grand Avenue,
Glenwood Springs, Colo. 81601.

Aug. 29, 1970.

SEP 1 X 1970
Denver, Colorado

United States Department of Interior,
Geological Survey, Federal Center,
Office of Minerals Exploration,
Building 53, Room 200,
Denver, Colorado. 80225.

RE: Request for Second change in Starting date, OME # 2287.

Gentlemen:

Colorado Geneva Industries Inc. hereby requests a Second change in the starting date of OME Contract No. 2287, Docket No. 6613 (copper-silver) in Gunnison County, Colorado, until October 1, 1970.

We are continueing the pre-contract preliminary work which is not a part of the OME Contract. The U.S. Bureau of Mines, District Inspector has inspected the portal of the tunnel and informs us that additional timber and lagged tunnel sets are required to meet the mine safety requirements and this additional work is presently being accomplished. The track grade at the portal and for a short distance within the tunnel has been found to be unsatisfactory and this work is also under way. The described additional work is the reason for this second request in the starting date for the OME part of this Project.

Information on your action concerning this Second request is most important to us.

Respectfully submitted,

Colorado Geneva Industries Inc.
by Charles A. Hopkins
Charles A. Hopkins.
Secretary.

OME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/25/70	Emerick	120
	Kirkemo	120
8/26	Shelton	
8/27	Cole	220
		120M

AIRMAIL

AUG 27 1970

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are the original and three copies of proposed Amendment No. 1 (one page), to the subject contract, signed for the Government. An extra copy of the amendment is also enclosed for field use.

If the proposed amendment is satisfactory to you and the Operator, all four copies should be signed by an authorized representative of the Operator and distributed as usual.

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

Harold Kirkemo (gh)
Harold Kirkemo

Enclosures

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

HSLong/1 8/25/70

120 Emerick

120M

DRAFT 8/11/70
~~NE~~ WLEmerick/bsl

To Regional 8/11

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

Amendment No. 1

It is agreed this _____ day of _____, 1969, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, is amended effective July 31, 1970 as follows:

1. The time fixed by Article I for beginning the work is extended one month, or from August 1, 1970 to September 1, 1970.

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

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Assistant Chief, Office of Minerals Exploration
U. S. Geological Survey

COLORADO GENEVA INDUSTRIES, INC.

By_____

Title_____

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/11/70	Emerick	120
		220
		120M

Mr. Charles A. Hopkins, Secretary
Colorado Geneva Industries, Inc.
1840 Grand Avenue
Glenwood Springs, Colorado 81601

Re: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Hopkins:

This is in reply to your letter dated July 29, 1970 requesting a change in the starting date of the contract from August 1, 1970 to September 1, 1970. For your information, an amendment to the contract is presently being processed extending the starting time as you requested.

Sincerely yours,

William L. Emerick

William L. Emerick
Assistant Chief
Office of Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region III
Mr. Emerick

WLEmerick/bsl 8/11/70

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

August 6, 1970

OFFICIAL COPY

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed is a letter from the subject Operator requesting that the contract be amended to change the date upon which work is to begin from August 1, 1970 to September 1, 1970, because of excessively late, heavy snows that occurred in the Snowmass Mountain Area, at elevations above 8,000 feet, andhave consequently delayed the opening of the roads to the Copper King portal.

I described the conditions in an interim inspection memorandum dated July 29, 1970, and indicated that an amendment to the contract would be required. I recommend that the contract be so amended.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Attachment

COLORADO GENEVA INDUSTRIES INC.
1840 Grand Avenue,
Glenwood Springs, Colo. 81601.

July 29, 1970.

United States Dept. of Interior,
Geological Survey, Federal Center,
Office of Minerals Exploration,
Building 53, Room 200,
Denver, Colo. 80 225.

RE: Request change in starting date of Exploration Contract. OME 6613, #2287, Copper King.

Gentlemen:

Colorado Geneva Industries Inc. hereby requests a change in the starting date of Ome Contract No. 2287, Docket No. 6613 (copper-silver) in Gunnison County, Colorado, from August 1, 1970 to September 1, 1970.

The request is made because of the late spring snowstorms which has delayed the opening the the roads to the project site and the unusual amounts of work necessary to repair the roads.

We are presently engaged in the pre-contract preliminary work, which is not a part of the OME Contract and consists of clearing the portal of the adit of debris, retimbering the portal, and laying track, air and vent lines to the point of beginning of the OME Contract (about 1,000 ft. from the portal).

Kindly inform us as soon as possible regarding your action for this request as the outcome affects our entire program.

Respectfully submitted,

Colorado Geneva Industries Inc.

by Charles A. Hopkins
Charles A. Hopkins,
Secretary.

FORM NO. 10
TION
(41 CFR) 101-11.6

ED STATES GOVERNMENT

Memorandum

: Chief, Office of Minerals Exploration

DATE: July 29, 1970

FROM : Field Officer, Region III

OFFICIAL COPY
O. M. E.
JUL 31 1970

SUBJECT: OME 6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

During an interim inspection of the subject property July 21 and 22, it was ascertained that the operation is operating some 6 to 8 weeks behind schedule because of excessively heavy late snows that occurred in the Snowmass area. Access roads are having to be practically rebuilt in places due to snowslides and caving. The portal of the adit leading to the Copper King vein was partially caved, and is also full of water behind the cave, consequently no actual rehabilitation has yet begun.

The operator does not think it will be possible for them to start actual drifting on the Copper King vein before August 1, 1970. I have recommended that the operator request an ammendment to the contract to advance the starting date from August 1, 1970 as shown in the contract to September 1, 1970. The operator feels they will be drifting somewhat before September 1, 1970. Reports are that the Snowmass areas received more snow this winter than in many previous winters, consequently the late start.

5010-108

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

Wednesday, March 25, 1970 The Mining Record

OME-6613 Contract 2287 Colorado Geneva Industries, Inc.,
Copper King Project
Gunnison, Colorado (Silver)

Colo. Geneva To Explore From Copper King Tunnel

DENVER—Colorado Geneva Industries, which recently received an OME loan to development property near Marble, Colo., announced that the money will be used for exploratory drifting from the Copper King tunnel into a large geophysical anomoly zone which has been opened for a length of over 800 feet on the overlying surface. Intense silver and copper mineralization was disclosed in this area.

Company officials announced also that core or long hole drilling will be conducted from the proposed drift to further explore the metalliferous zone. The approved area for exploration is located approximately one-half mile northwesterly from the firm's Lead King Mine which officials say has produced considerable base metal ores along with silver values ranging from four to 30 ounces per ton.

Seasonal operations, ore mining and stockpiling, plus all year operations, are proposed at the location. Company officers said that the outlined government exploration area involves just one of several geophysical anomoly areas which have been checked by four different geophysical methods by two geophysical concerns.

Wednesday, March 18, 1970 The Mining Record

OME-6613 Contract 2287 Colorado Geneva Industries, Inc.

Government Loan To Mining Co.

DENVER—Two OME geologists, J. William Hasler, Field Officer, Region III, and James L. Gualtieri, have announced that a government loan, OME—6613 (Copper-Silver), has been granted to Colorado Geneva Industries Inc. of Glenwood Springs, Colo., for development of part of the 500-acre property of the firm, located six miles east of Marble, Colo.

Office of Minerals Exploration
Building 53 Room 200

March 16, 1970

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Mr. Sidney M. Baker, President
Colorado Geneva Industries, Inc.
106 Polo Road
Glenwood Springs, Colorado 81601

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Baker:

Enclosed is a supply of Operator's Monthly Voucher forms, Form 9-1648, March 1968. There are enough forms to last you for the duration of the contract should the exploration work specified in the subject contract be completed within the twelve month time as anticipated.

Please read the contract in detail, and become especially familiar with Exhibit A, General Provisions, Description of the Work, pages 1, 2 and 3. The items eligible for payment are those items that are listed under Estimated Costs of the Work.

I should like to suggest that we meet sometime this Spring in Glenwood Springs, either prior to, or during the time you are rehabilitating the adit that leads to the Copper King Vein, so that we may review the contract in detail, and thus avoid any possible misunderstandings that may occur during progress of the exploration work.

Please inform me of a date that is convenient for you, and I will schedule a field trip accordingly.

Sincerely yours,

cc: Chief, OME
OME-6613
OME chron
Mr. Hasler

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

March 9, 1970

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado
Contract 2287

Enclosed are the Government's Copy and the Fiscal Section's Copy of the proposed contract for the subject property. The contract consists of MME Form 51 (5 pages), Annex I (3 pages), one Lien and Subordination Agreements, Exhibit A (3 pages), Exhibit B (1 page), and one map (Figure 1). These copies of the contract have been signed for the Government by the Applicant.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

left side

Office of Minerals Exploration
Building 53 Room 200

March 10, 1970

Mr. Charles A. Hopkins
Colorado Geneva Industries, Inc.
106 Polo Road
Glenwood Springs, Colorado 81601

RECEIVED
MAR 12 1970
MINERALS CODE

Re: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Dear Mr. Hopkins:

Enclosed is the "Operator's Copy" of the contract for the subject property. The contract consists of MMF Form 51 (5 pages), Annex I (3 pages), one Lien and Subordination Agreement, Exhibit A (3 pages), Exhibit B (1 page), and one map (Figure 1). The Operator's Copy is to be signed by you and retained in your files.

Sincerely yours,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

cc: Chief, OME
OME-6613
OME chron
Mr. Hasler

Office of Minerals Exploration
Building 53 Room 200

December 31, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
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INITIAL CODE
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HK 120
EB 120

Mr. Charles A. Hopkins
Colorado Geneva Industries, Inc.
106 Polo Road
Glenwood Springs, Colorado 81601

Re: OME-6613 (Copper-Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado

Dear Mr. Hopkins:

Enclosed are the "Government's Copy", "Fiscal Section's Copy" and the "Field Office's Copy" of a proposed contract for the subject property. The contract consists of MME Form 51 (5 pages), Annex I (3 pages), one Lien and Subordination Agreement, Exhibit A (3 pages) Exhibit B (1 page) and one map (Figure 1). All copies of the contract have been signed for the Government.

If the proposed contract is satisfactory to you, all copies should be signed by an authorized representive of Colorado Geneva Industries, Inc. and returned to this office. The "Operator's Copy" will then be sent to you for your signature and retention. We will then distribute the other copies as required. You should insert the date for the commencement of the work. I would recommend July 15, 1970, and exploration work under the contract can then begin on any date prior to July 15, 1970.

Please be advised that the 9-1/4 percent interest accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

If any part of the proposed contract does not have your approval, all copies of the contract should be returned to this office together with the proposed changes for consideration.

Sincerely yours,

Enclosure
cc: Chief, OME
OME-6613
OME chron
Mr. Hasler

J. William Hasler

J. William Hasler, Field Officer, Region III
Office of Minerals Exploration

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

December 10, 1969

ORIGINAL COPY
O. M. E.
RECEIVED
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DATA CONTROL
Col 120
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PR 120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

Enclosed is a letter from the applicant dated December 4, 1969 concerning the status of the Copper King leases, requested by me on December 3, 1969.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

COLORADO GENEVA INDUSTRIES, INC.
c/o
HOPKINS & ASSOCIATES, ENGRS.
1838½ Grand Ave. 945-7740
Glenwood Spg's., Colo. 81601

OME Region III
RECEIVED
DEC 8 - 1969
Denver, Colorado

Dec. 4, 1969.

United States Department of the Interior,
Geological Survey, Office of Mineral Exploration,
Room 200, Building 53, Federal Center,
Denver, Colorado. 80225

Subject: Phone call from Mr. Hassler, OME #6613. Present status of Copper King Leases.

Gentlemen:

Pursuant to Mr. Hassler's phone call of Dec. 3rd about the Copper King Group of mining claims which are held under lease from Mr. Lee Sperry and the present status of said Lease to Colorado Geneva Industries, Inc.

The said Lease is current and in good standing for the next period beginning April 20, 1970 and the Agreement extends through the year of 1976.

Very truly yours,

Colorado Geneva Industries, Inc.

Charles A. Hopkins

Charles A. Hopkins.
Secretary.

Encl.: Copy for OME, Office,
USGS, Washington, D.C.

CH/ss

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/8/69	S. Peterson	120
12/10/69	Kirkemo	120
12/12	Kilsgaard	
12/17		220
		120M

DEC 17 1969

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Copper-Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

Enclosed are the original and three copies of a proposed contract for the subject property. The contract consists of MME Form 51 (5 pages), Annex I (3 pages), one Lien and Subordination Agreements, Exhibit A (3 pages), Exhibit B (1 page), and one map (Figure 1). All copies of the contract have been signed for the Government. You should insert the date for commencement of the work. Also enclosed is an extra copy of the contract for field use.

If the proposed contract is satisfactory to you and the Applicant, all four copies should be signed by an authorized representative of the Applicant. Thereafter, please distribute the copies as usual.

Please advise the Applicant that the 9-1/4 percent interest accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

If any part of the proposed contract does not have your approval or that of the Applicant, the original and all copies should be returned to this office together with the proposed changes for consideration.

Harold Kirkemo (gla)

Harold Kirkemo

Enclosures

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

Noted on cards
gla

~~XXXXXX~~
BSLong/1 12/8/69

MME FORM 6 REFERENCE SLIP

REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Assoc. Sol.--Room 6554, Interior (Through Room 6042)		
2. Mr. Peterson, Rm. 4457, Interior		
3.		
4.		
5.		
FROM: Chief, OME		

FOR: Check items for action desired

____ Action ____ Reply for signature of ____

_x_ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference _x_ Rewrite ____ File

____ Instructions ____ Your information

REMARKS: 19761.3123

SOLICITOR

OME-6613 Colorado Geneva Industries, Inc.

(Proposed contract)

AUG 25 1969

FROM SOLICITOR

FOR SIGNATURE

INTERIOR DEPT.

UP. SEC., WASH., D.C. M56300-62

120

120

MME Form 51
July 1965

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
U. S. Geological Survey

120M

EXPLORATION CONTRACT
(Short Form)

to legal 8/25

Docket	Commodity	Contract No.	County	State
OME -6613	Silver		Gunnison	Colorado

It is agreed _____ (Date), between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and

Colorado Geneva Industries, Inc.

_____,

whose mailing address is **106 Polo Road, Glenwood Springs, Colorado 81601**, hereinafter called the "Operator," as follows:

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

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the work is $**34,360.00**. The Government will contribute **62-1/2** percent of the total fixed unit costs of the work performed, not in excess of $**21,475.00** in accordance with the provisions of Articles 4 and 5.

(c) Interest computation.--Simple interest 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:

SEE ANNEX I

(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:

SEE ANNEX I

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

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

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

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

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

(b) Monthly reports.--The Operator shall provide the Government with four 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 three copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

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

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

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

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

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

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

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the 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 or producer)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator or producer 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 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 in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

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

(f) Notice to purchasers.--The Operator or producer 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 or producer.

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 10. Nondiscrimination in Employment.--The provisions respecting nondiscrimination in employment which are required by section 301 of Executive Order 10925, dated March 6, 1961, as amended and supplemented, are attached hereto as Exhibit B and are hereby incorporated in and made a part of this contract.

ARTICLE 11. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, U. S. Geological Survey, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, U S. Geological Survey, 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, U. S. Geological Survey, a written appeal addressed to the Secretary of the Interior. 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, U. S. Geological Survey," as used herein includes his duly authorized representative.

ARTICLE 12. Work Hours Act of 1962 - Overtime Compensation.--This contract, to the extent that it is of a character specified in the Work Hours Act of 1962 (Public Law 87-581, 76 Stat. 357-360) and is not covered by the Walsh-Healey Public Contracts Act (41 U.S.C. 35-45), is subject to the following provisions and to all other provisions and exceptions of said Work Hours Act of 1962.

(a) Overtime requirements.--No Operator or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic to be employed on such work in excess of eight hours in any calendar day or in excess of forty hours in any workweek unless such laborer or mechanic receives compensation at a rate of not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any such calendar day or in excess of forty hours in any such workweek, as the case may be.

(b) Violations; liability for unpaid wages; liquidated damages.--In the event of any violation of the clause set forth in subparagraph (a) of this paragraph, the Operator and any subcontractor responsible therefor shall be liable to any affected employee for his unpaid wages. In addition, such Operator and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed, with respect to each individual laborer or mechanic employed in violation of the clause set forth in subparagraph (a) of this paragraph, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in subparagraph (a) of this paragraph.

(c) Withholding for unpaid wages and liquidated damages.--The U. S. Geological Survey may withhold or cause to be withheld, from any moneys payable on account of work performed by the Operator or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Operator or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (b) of this paragraph.

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

ARTICLE 14. Changes and added provisions.--

_____

_____

_____

_____

Executed in quintuplicate the day and year first above written.

COLORADO GENEVA INDUSTRIES, INC.
(Operator)

By _____

Title _____

THE UNITED STATES OF AMERICA

By _____

Director, U. S. Geological Survey
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]

DRAFT 7/2/69
ECPeterson/bsl

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of twelve (12) patented claims and seven (7) unpatented lode mining claims in secs. 22 and 27, T. 11 S., R. 87 W., Sixth Principal Meridian, Rock Creek Mining District, Gunnison County, Colorado. The claims are shown on Figure 1, entitled "Claim map and proposed exploration, Colorado Geneva Industries, Inc., Gunnison County, Colorado," attached and made part hereof.

The patented lode mining claims are as follows:

Name	Survey No.
Copper King	18606
Copper King No. 6	18606
Copper King No. 7	18606
Copper King No. 8	18606
Copper King No. 9	18606
Copper King No. 10	18606
El Negocio	15328
Winchester	18606
Winchester No. 1	18606
Winchester No. 2	18606
20th Century No. 1	18606
20th Century No. 2	18606

The unpatented lode mining claims are recorded in the Office of the Gunnison County Recorder at Gunnison, Colorado, as follows:

Name	Book	Page
Silver Pass No. 1	387	264
Silver Pass No. 2	387	265
Silver Pass No. 3	387	266
Silver Pass No. 4	387	267
Silver Pass No. 5	387	268
Silver Pass No. 6	387	269
Silver Pass No. 7	387	270

The Operator has an undivided 5% interest in the Winchester and Winchester No. 2 patented claims by virtue of an Assignment and Acceptance executed March 27, 1967, by Sidney M. Baker and Charles A. Hopkins of Treasurer's Deed No. 268237 dated March 11, 1966.

The Operator is in possession of the remaining patented claims under the terms of the above-mentioned Assignment and Acceptance, whereby Sidney M. Baker and Charles A. Hopkins assigned to the Operator their Agreement dated April 20, 1966, with Lee W. Sperry and J. F. Sperry, the claim owners.

The Operator is in possession of the unpatented claims under the terms of the above-mentioned Assignment and Acceptance executed March 27, 1967, by Sidney M. Baker and Charles A. Hopkins, the owners.

Since no exploration utilizing Government funds will be performed on the Winchester and Winchester No. 2 claims the requirement for Lien and Subordination Agreements is hereby waived. Lien and Subordination Agreements executed April 29, 1967, by Lewis W. Sperry and J. F. Sperry, the owners of the remaining patented claims is attached and made part hereof.

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.
OME-6613

EXHIBIT A

The purpose of this project is to explore by drifting and long-hole drilling for copper-silver-bearing ore bodies in and along the Copper King vein in the Fort Hays Limestone member of the Mancos Shale Formation of Upper Cretaceous age.

General Provisions

All drifts shall be not less than 5 by 7 feet in cross-section, and shall be timbered as necessary. Mine rail shall not be less than 20-pound size, air line not less than 2-inch diameter, water line not less than 1-inch diameter, and ventilation line not less than 12-inch diameter.

All significantly mineralized areas traversed by the exploratory workings shall be chip or channel sampled normal to their trends at linear intervals of not more than 5 feet. In addition, a representative bulk sample may be taken of each round broken. Significantly mineralized cuttings from the long-holes shall be sampled, and no individual sample shall represent more than 5 linear feet of hole. Each sample from whatever source shall be split as necessary, and one split assayed for copper, lead, silver, and zinc. The remainder of each sample shall be stored in a suitable container for Government inspection and possible use. With prior Government approval, the Operator may dispose of the stored samples.

True copies of the assay certificates of all samples shall be submitted with the Operator's monthly report which shall also include a map or sketch showing the work completed during the reporting period, the location of all samples taken, and the geological formations and structures traversed by the workings.

Prior to undertaking any work authorized under the contract, the Operator at its own cost and expense shall have rehabilitated the Copper King adit from the portal northwestly approximately 1,100 feet to the face.

No underground workings shall be driven closer than 100 feet to the outer boundary of the claim group shown on Figure 1.

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

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

Description of the Work

The work shall consist of drifting from the face of the rehabilitated adit in a northwesterly direction along the strike of the Copper King vein, and long-hole drilling both the hanging and foot walls of the drift to test the extent of mineralization. The Long-holes shall be spaced at intervals of not less than 25 feet along

each wall, and shall not exceed 25 feet in depth. It is estimated that 475 feet of drifting, and 900 feet of long-hole drilling will be required. The proposed drift is shown on Figure 1.

Estimated Costs of the Work

Fixed Unit Costs[1/]

Drifting,		
475 feet @ $55.00/foot	$26,125.00	
Timbering drifts,		
80 feet @ $12.00/foot	960.00	
Long-hole drilling,		
900 feet @ $1.75/foot	1,575.00	
300 assays,	900.00	
Copper @ $3.00/assay		
Lead, zinc, and silver @ $1.50 each determination		
Office expenses,		
6 months @ $50.00/month	300.00	
1-Supervisor-engineer,		
6 months @ $750.00/month	4,500.00	
Total Estimated Cost of the Project		$34,360.00
Government Participation @ 62-1/2%		$21,475.00

1/ The Government retains no equity in any of the materials used.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

June 18, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JUN 19 1969
INITIALS | CODE
~~A30~~
gla 120
~~OHK 120~~
~~EO~~ 120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

Enclosed is a copy of a deed involving the Winchester and the Winchester No. 2 claims that was filed by the applicant, August 15, 1966 with the County Treasurer of Gunnison County, Colorado. According to the applicant's representative, Mr. Charles Hopkins, the deed gives the applicant right of access through the above mentioned claims.

Mr. Peterson asked for the information in a telephone conversation several days ago. The applicant was also asked about the Silver Pass claims, and I was informed that the Silver Pass claims were staked by the applicant and that lien and subordination agreements are not required. The applicant was also asked if he would be interested in a contract that included only Stage I exploration work. He stated that he would accept a contract for that amount if it were offered to him.

Sincerely,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

See left side

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

May 29, 1969

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To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

Enclosed is the applicant's revised proposal and accompanying costs for a two-stage exploration program on the Copper King project, Gunnison County, Colorado. Enclosed also are two replies from banks refusing a renewed request for funds.

The applicant understands, as he states on page 3, that the government will not participate in rehabilitation costs, and would be required to do this work on his own. The applicant should again be reminded of this, especially in light of our decreased funds for FY 1970.

I recommend that a contract be prepared to complete the exploration work proposed by James L. Gualtieri, Geologist, in his report of examination concerning the subject property.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

See left side

COLORADO GENEVA INDUSTRIES, INC.

c/o

HOPKINS & ASSOCIATES, ENGRS.

1838½ Grand Ave. 945-7740
Glenwood Spg's., Colo. 81601

FEB 25, 1969.

U.S. Dept. of Interior, USGS,
Office of Minerals Exploration,
Mr. Frank E. Johnson, Chief,
Washington, D.C. 20242

RE: OME # 6613 (silver)
Copper King Project,
Gunnison County, Colo.

Dear Mr. Johnson:

With reference to my letter of Feb. 17th, it has been brought to my attention that the core drilling program of last Summer should be further explained and that the total core drilling program did not cost ten times the estimated cost of $ 12.00 per ft.

The cost of last Summers core drilling cost an average of $ 19.93 per ft., including all of the footage drilled. Very hard formations were encountered which caused the drilling cost per ft. to increase considerably and this factor should be considered in future contracts for core drilling.

We wish to negotiate a contract for OME assistance on this location and we will continue to work on a proposal.

Sincerely yours,

Colorado Geneva Industries, Inc.

Charles A. Hopkins, Secy.

Copy to Mr. Hassler,
Denver, Colo. OME.

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O. M. E.
RECEIVED
FEB 28 1969

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COLORADO GENEVA INDUSTRIES, INC.
c/O HOPKINS & ASSOCIATES, ENGRS.

1838½ Grand Ave. 945-7740
Glenwood Spg's., Colo. 81601

Feb. 17, 1969.

U. S. Dept. of Interior, USGS,
Office of Minerals Exploration,
Mr. Frank E. Johnson, Chief,
Washington, D.C. 20242.

RE: OME - 6613 (Silver)
Copper King Project
Gunnison County, Colo.

Dear Mr. Johnson:

We have carefully reviewed your letter of Dec. 9, 1968 and also had meetings with Mr. J. William Hassler of Region III and Mr, James L. Gualtieri, Geologist (OME); we would like to be considered under the plan proposed by Mr Gualtieri in his letter of Feb. 3rd, 1969. A copy of this letter is enclosed for your review and consideration.

During last summers operations we experimented with a core drill on several short holes and found the costs to be very high due to zones of very hard and abrasive formation which caused the drilling costs to increase ten-times the estimated cost of about $ 12.00 per ft. We would prefer to rehabilitate the Copper King Tunnel (approx. 1600 ft.) to the 1100 ft. area and drift about 500 ft. on a vein structure and explore the area with long holes as outlined in the Feb. 3rd letter.

We plan to submit a new cost estimate and bids for the work.

Sincerely yours,

Colorado Geneva Industries, Inc.

Charles A. Hopkins
Charles A. Hopkins,
Secretary.

Encl.
LTR. 2/3/69

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IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

February 3, 1969

Mr. Charles A. Hopkins
1840 Grand Avenue
Glenwood Springs, Colorado 81601

Subject: OME-6613 (Silver)
Colorado Geneva Industries, INc.
Copper King Project
Gunnison County, Colorado

Dear Mr. Hopkins:

In regard to the application of COLORADO GENEVA INDUSTRIES, INC., OME-6613, the Office of Minerals Exploration will give favorable consideration to a proposal to include 500 (five hundred) feet of drifting on the Copper King vein from the Copper King adit and 1,000 (one thousand) feet of long-hole drilling to test the footwall and hangingwall sides of the vein structure. Allowed in the cost of drifting would be money allotted for timbering areas of bad ground, estimated to be one-fourth of the drift distance or 125 (one hundred and twenty five) feet. It is surmised that the long holes would be located at 25-foot intervals along the drift and would penetrate each wall to distances of 25 (twenty five) feet. Unfortunately there is presently a shortage of O.M.E. funds so that a contract cannot be offered until afterJuly 1, 1969. Further, this shortage of funds precludes Government participation in the cost of rehabilitating the Copper King adit (tunnel), however, if sufficient funds should become available after July 1st some rehabilitation may be included in the contract. The Government contribution will be limited to 62-1/2 percent of total contract costs.

If such a proposal meets with your approval, please submit a new cost estimate and necessary bids for the work.

Most sincerely,

James L. Gualtieri

James L. Gualtieri, Geologist

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/30/69	Peterson	120
1/30/69	Kirkemo	120
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1/30	Cal	220
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JAN 30 1969

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Silver and Copper)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

We acknowledge receipt of Jim Gualtieri's memorandum of January 21 regarding a revised exploration program for Colorado Geneva Industries, Inc.

Favorable consideration would be given to that portion of the proposal consisting of drifting on the Copper King vein and long-hole drilling the drift walls. However, the rehabilitation of the adit should be done by the Applicant at his own expense.

The necessity to limit Government assistance to actual exploration work is due to recent budget restrictions which have reduced the availability of OME funds considerably. At the present time monies for contracting purposes are limited to current contracts and applications already approved. Therefore, even though our proposal may be acceptable to the Applicant, a contract cannot be offered until after July 1, the beginning of the new fiscal year, when additional funds are expected to be appropriated for the exploration program. Perhaps if sufficient funds are restored to the program at that time some rehabilitation can be included in the contract.

We suggest that you discuss our proposal with the Applicant, and if it is acceptable to him under these conditions, a contract will be prepared with Government contribution to allowable costs limited to 62-1/2 percent.

The Applicant should be requested to submit a new cost estimate and necessary bids for the work, if the proposal is acceptable.

FRANK E. JOHNSON (gla)

Frank E. Johnson

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Mr. Peterson
130
ECPeterson/bsl 1/30/69

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

January 21, 1969

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Memorandum

To: Chief, Office of Minerals Exploration

From: James L. Gualtieri

Subject: OME-6613 (Silver and Copper)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

In regard to the Colorado Geneva Industries Inc. application which was denied an Office of Minerals Exploration contract, it was recommended that if a revised proposal were received from the applicant including only the Copper King vein it would be given consideration. It was recommended that if a revised proposal were submitted and approved it should program three surface diamond drill holes aimed to penetrate the Copper King vein where it transects the Fort Hays Limestone Member of the Mancos Shale. It was visualized that the drilling would include about 1200 feet of non-core and about 400 feet of core drilling, probably of Bx size. Upon reconsidering, it is thought both prudent and expedient to drop the drilling phase. Accurate and complete information may not be obtainable through drilling, and in the experience of the applicant core drilling in the Lead King basin area has been difficult, slow and expensive. Further, the deletion of drilling from the recommended program would reduce the financial outlay by an estimated $9,000.00. Inasmuch as the Copper King vein is almost certainly the same one that is intersected in the Copper King adit, and is intersected where the vein penetrates the Fort Hays Limestone Member of the Mancos Shale, little geologic risk would be taken by directly proceeding with underground exploration.

The exploration program would begin with the rehabilitation of 1100 feet of the Copper King adit which the applicant estimates will cost about $7,000.00. Five hundred feet of drift on the

[illegible]

Copper King vein will cost an estimated $25,000.00 or about $50.00 per foot. In addition it is surmised that as much as one quarter of the drift distance will need to be timbered at the cost of $12.00 per foot, or a total of $1,500.00. Also it is deemed wise to include 1,000 feet of long hole drilling at an estimated cost of $1500.00 so that the footwall and hangingwall sides of the vein may be tested at 25-foot intervals; the long holes would not penetrate more than 25 feet into the walls.

It is to be noted that rehabilitation constitutes a large part of the cost of the recommended program; about 20 percent. This is believed justifiable on the ground that even with the high proportionate cost of rehabilitation, the program will be financially ahead of where it would otherwise be if a new drift were driven through 370 feet of virgin but barren ground to intersect the Copper King vein, as the applicant has proposed as an alternative.

Because this constitutes a revision of the program previously recommended by this office and approved by the Office of Minerals Exploration, Washington it is set down here for your study and decision.

Mr. J. William Hasler recently talked with Mr. R. H. Hopkins, one of the corporate officers of Colorado Geneva, Incorporated. According to Mr. Hasler, the Colorado Geneva people seem to be in a quandary as to what kind of an exploration program the Office of Minerals Exploration will approve. For this reason it may be prudent that whatever program is decided upon by the Office of Minerals Exploration, Washington the applicant should be informed of the specifics, either from the Washington office or this office.

In going over the original application, cost estimates submitted by the applicant appear to be unrealistically low. For example, the submitted cost of drifting comes to about $36.00 per foot. For the successful completion of an Office of Minerals Exploration contract it would be wise for the applicant to restudy its cost estimates.

Most sincerely,

James L. Gualtieri

James L. Gualtieri, Geologist
Office of Minerals Exploration

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/3/68	Peterson	120
12/3/68	Johnson	120
		110
12/3	Case	220
		120M

DEC 3 1968

AIRMAIL

Colorado Geneva Industries, Inc.
P. O. Box Q
Carbondale, Colorado 81623

Re: OME-6613 (Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado

Gentlemen:

We have carefully reviewed all of the information available to us relating to your application for financial assistance in exploring the Copper King property.

This review indicates that the probability of disclosing significant reserves of eligible minerals on the property by testing several different targets as you have proposed is not sufficiently promising to justify Government participation. However, we would give consideration to an alternative program limited to the exploration of the most favorable target, the Copper King vein. The work divided into two stages, tentatively would consist of (Stage I) approximately 1500 feet of diamond drilling from three surface sites to test the thickness and tenor of the vein, and (Stage II) rehabilitation of the Copper King adit and approximately 400 feet of drifting along the vein. Approval of Stage II would depend upon results obtained in Stage I.

Evidence indicates that copper would constitute the major portion of the eligible mineral value present instead of silver, therefore, Government contribution to allowable costs in the event of a contract would be limited to 62-1/2 percent.

Please advise whether you would be interested in participating in the work we have briefly outlined, or we will be glad to consider an alternative program that you may wish to offer for testing the Copper King vein.

Sincerely yours,

FRANK E. JOHNSON (glc)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III

ECPeterson/bsl 12/3/68

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 203

November 27, 1968

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 29 1968
MINERALS CO

Memorandum

To: Chief, Office of Minerals Exploration

From: James L. Gualtieri

Subject: OME-6613 (Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

Herein is enclosed the report of the Colorado Geneva Industries, Inc. property near Marble, Colorado. It is suggested that the Operator be informed that it may resubmit its application if it so desires along the lines described in the report. The property is perhaps a marginal one but it is judged to be worth the risk involved.

Most sincerely,

James L. Gualtieri

James L. Gualtieri, Geologist
Office of Minerals Exploration

UNITED STATES

DEPARTMENT OF THE INTERIOR

STEWART L. UDALL, SECRETARY

U. S. GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION

Report of Exam.

REPORT OF EXAMINATION

REGION III

OME-6613 (SILVER)

COLORADO GENEVA INDUSTRIES

(COPPER KING PROJECT)

GUNNISON COUNTY, COLORADO

By

JAMES L. GUALTIERI

GEOLOGIST

NOVEMBER, 1968

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OME-6613 (Silver)

COLORADO GENEVA INDUSTRIES, INC.

COPPER KING PROJECT

GUNNISON COUNTY, COLORADO

Introduction

Colorado Geneva Industries, Inc., applied to the Office of Minerals Exploration May 19, 1967 for financial assistance to explore in the Apache, Copper King and Silver Pass groups of claims in Gunnison County, Colorado. A field examination was requested by the Office of Minerals Exploration, Washington, D. C. and an examination was made on July 18 and 19, 1967 by J. William Hasler in the company of Messrs. C. A. Hopkins, S. M. Baker and L. W. Sperry. A subsequent examination was made by J. L. Gualtieri on October 3rd and 4th, 1968 as the consequence of the receipt of additional information resulting from further exploration by the Applicant.

The Property

The claims owned or in possession of Colorado Geneva Industries, Inc. are located in the general area of Lead King Basin, and between Sheep Mountain and Arkansas Mountain on unsurveyed ground about 4 miles east of Marble, Colorado. The area may be reached by traveling 14 miles from Glenwood Springs over Colorado State Highway 82 to Carbondale, Colorado; then 21 miles over Colorado State Highway 133 to Placita, Colorado; then 8 miles over improved gravel road to Marble, Colorado. From Marble the safer route is over 5 or 6 miles of improved dirt road that carries over Silver Creek Pass between

Sheep Mountain and Arkansas Mountain, most of it constructed by the Applicant.

The claims are held by lease, interest or assignment by Colorado Geneva Industries, Inc. and form a nearly contiguous block of patented and unpatented claims, all of which are recorded at the Gunnison County courthouse, Gunnison, Colorado. The claims are as follows:

(Patented claims -- held by lease)

20th Century No. 1	Survey No. 18606, Book 387, p. 252
20th Century No. 2	Survey No. 18606, Book 387, p. 252
Copper King	Survey No. 18606, Book 387, p. 252
Copper King No. 6	Survey No. 18606, Book 387, p. 252
Copper King No. 7	Survey No. 18606, Book 387, p. 252
Copper King No. 8	Survey No. 18606, Book 387, p. 252
Copper King No. 9	Survey No. 18606, Book 387, p. 252
Copper King No. 10	Survey No. 18606, Book 387, p. 252
Winchester No. 1	Survey No. 18606, Book 387, p. 252
El Negocio	Survey No. 15328, Book 387, p. 252

(Patented claims -- 5 percent interest)

Winchester	Survey No. 18606, Book 390, p. 223
Winchester No. 2	Survey No. 18606, Book 390, p. 223

(Unpatented claims -- held by assignment)

Silver Pass No. 1	Book 387, p. 264
Silver Pass No. 2	Book 387, p. 265
Silver Pass No. 3	Book 387, p. 266
Silver Pass No. 4	Book 387, p. 267
Silver Pass No. 5	Book 387, p. 269
Silver Pass No. 6	Book 387, p. 270
Silver Pass No. 7	Book 387, p. 271
Apache No. 1	Book 387, p. 258
Apache No. 2	Book 387, p. 258
Apache No. 3	Book 387, p. 259
Apache No. 4	Book 387, p. 260
Apache No. 5	Book 387, p. 261
Apache No. 6	Book 387, p. 262

Geology

The Applicant's properties are located on the Mancos Shale, which, in the area of the properties, includes the Fort Hays Limestone Member. The Mancos Shale in the general region has been metamorphosed to a hornfelsic rock (Vanderwilt, 1937, p. 72-73). The beds dip to the northeast and northwest and form the limbs of a tightly folded, overturned, northwest-striking syncline (F. Mutschler, unpublished map, Fig. 1). The Mancos Shale is cut by numerous northwest-striking, steeply dipping faults along which veins of silver and base metals have been emplaced. Numerous dikes and sills of gabbro porphyry are emplaced in the Mancos Shale in the area of Lead King basin, and between Lead King basin and Arkansas Mountain (Vanderwilt, 1937, p. 41-42). These bodies are cut by veins and are locally pyritic.

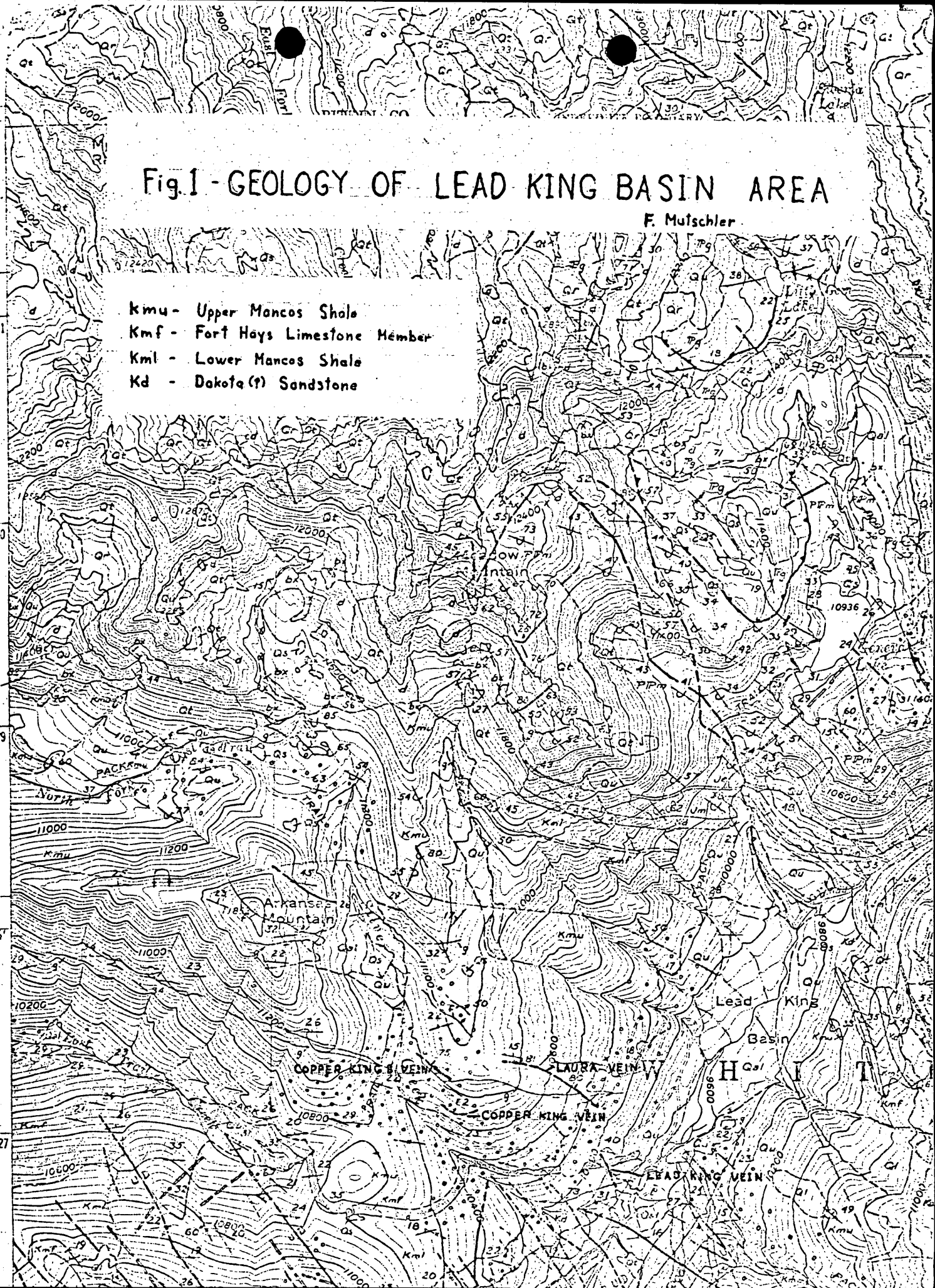
Ore bodies

The ore bodies in the Snowmass Mountain area were studied by Vanderwilt (1937, p. 100-152) who notes them to be composed of base metal sulphide minerals -- chalcopyrite, galena and sphalerite -- which occur together in different proportions. Tetrahedrite is common, native silver is only locally present, and gold is sparse (Vanderwilt, 1937, p. 101). The gangue minerals are mainly quartz, pyrite and fluorite, and locally manganiferous hedenbergite, specular hematite, barite, and calcite.

Two types of deposits are recognized in the Snowmass Mountain area (Vanderwilt, 1937, p. 109-110), vein deposits and bedded replacement deposits. Vein deposits are emplaced along faults and

Fig. 1 - GEOLOGY OF LEAD KING BASIN AREA

F. Mutschler



related fractures without apparent alteration or replacement of wall rock. He believes the emplacement of the veins took place in two fairly distinct stages with an intervening period of fissuring. During the first stage quartz was mainly deposited; during the second stage sulphide minerals were deposited. The vein are best developed in the Dakota "Quartzite" according to him and penetrate only a short distance into the overlying Mancos.

The bedded replacement deposits have developed parallel or nearly parallel to the bedding of the sedimentary rock formations (Vanderwilt, 1937, p. 110). The Lead King deposit is included in this group but with the distinction that the deposit developed along the junction of a poorly defined fracture and "a bed". These deposits are mineralogically like vein deposits.

Examined deposits

Four separate deposits -- Copper King, Copper King No. 8, Laura, and Lead King were briefly studied in the course of the last examination. Although only the Copper King deposit is included in the Applicant's proposal, the other deposits were studied in order to obtain a better overall idea of the geology of the deposits. The Copper King, Copper King No. 8, and Laura are quartz-sulphide vein deposits which, where exposed at the surface, are emplaced in hornfelsized beds of the Mancos Shale stratigraphically above the Fort Hays Limestone Member. The Lead King is also regarded as a vein deposit rather than a bedded deposit. It is a calcite-sulphide vein largely emplaced in the Fort Hays Limestone Member and to a lesser extent in the Mancos Shale beneath the member.

The Copper King vein has been uncovered in excess of 500 feet along its strike in a bulldozer cut. The vein strikes roughly N. 60° - 70° W. with a steep dip of 75° or more to the northeast. The vein is a composite of finely to medium crystalline veinlets a fraction of an inch to several inches thick, emplaced adjacent to each other or separated by thin walls of comminuted Mancos Shale fragments. The visible ore mineral is mainly chalcopyrite which occurs in anhedral bodies a fraction of an inch to 1 inch in diameter.

Wall rock on the hanging wall side of the vein is sheared, comminuted ferruginous material a few inches wide; the wall rock on the foot wall side is similar but the zone is much narrower.

Parts of the vein are brecciated. The breccia is composed of angular, hornfelsized fragments of Mancos Shale ranging from sand size to an inch across. Copper bloom-crystalline or mammilliary malachite is common but not plentiful on the surface of the vein.

The width of the vein ranges from as little as 8 inches to as much as 23 inches. The vein, where seen at the southeasternmost exposure, grades to quartz without visible sulphide minerals; the vein, where seen at the northwesternmost exposure, grades to quartz with minor chalcopyrite.

The Applicant shows in diagrammatic fashion the exposed surface trace of the Copper King adit (Applicant's report, exhibit showing location of claims, veins, samples, and assay results. In the cross section sketch drawn along the Copper King adit (Applicant's report, longitudinal sketch of the Copper King tunnel)the vein is shown intersected by the adit about 1,000 feet from the portal,

or about where the adit changes bearing. This places the adit-vein intersect about 175 feet east of the projected surface trace of the vein. If the intersected vein is indeed the Copper King vein, the vein must either dip less steeply than is indicated on the surface, or else it must flatten down dip. The Applicant in its sketch shows an inferred consistent dip of 60 degrees. Possibly the vein in the adit may not be the Copper King vein, but another which the Applicant has miscorrelated with the Copper King vein.

The Copper King vein was channel sampled at four points along its strike. Following are the assay results:

	Width	Au	~~Au~~ Ag	Cu	Pb	Zn	Dollar value/
	Inches	oz/ton	oz/ton	%	%	%	Ton
Copper King A	12	0.001	1.96	0.49	0.5	0.05	9.47
Copper King B	8	0.001	0.10	0.08	0.2	0.05	1.37
Copper King C	14	0.001	1.76	0.62	0.3	0.45	10.74
Copper King D	23	0.001	3.60	2.00	0.3	0.05	26.06

It should be noted that the average dollar value of the four channel samples listed above is considerably below the average of seven samples which the applicant describes as being taken from "cuts". Disregarding Sample B, above, which was taken from barren appearing material, the average value is $15.42/ton. In contrast, the average dollar value of the Applicant's seven samples is $51.10/ton. The assay results shown above agree with the visual estimate of the vein. The monetary value of copper and silver exceeds that of lead and zinc.

Although the above assays indicate the vein is hardly economic, it is nevertheless a surprisingly strong one considering the rather incompetent nature of the hornfelsic host rock. The vein may be stronger at depth where it penetrates the more competent, more reactive limestone of the Fort Hays Member.

The Copper King No. 8 vein is exposed by bulldozer cuts at several points over a distance of about 200 feet, and in a now-caved inclined shaft. The vein is emplaced in hornfelsized Mancos Shale and strikes roughly N. 65° W. and dips about 75° NE. The vein is mainly quartz which is massive to vuggy. Well-developed quartz crystals up to 1 inch long line the vug walls and are intergrown to form comb structure. A number of parallel quartz veinlets 1 inch or less wide are emplaced in a zone about 8 to 10 inches wide adjacent the footwall of the main vein. Sheared, comminuted ferruginous hornfels is present in a zone 6 inches wide on the hanging wall side.

Sulphide minerals -- pyrite, chalcopyrite, and galena -- occur in lenticular or bleb-like aggregations a few inches long and are sparsely distributed along the medial part of the vein. The Copper King No. 8 vein is sufficiently well exposed in only one place to permit taking a representative channel sample. Following is the assay result:

	Width inches	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %	Dollar value/ ton
Copper King No. 8A	20	0.001	0.14	0.16	0.3	0.05	2.22

The dollar value of the vein is not significant and the lateral extent is not known to be great. Like the Copper King vein, this vein

vein penetrates the underlying Fort Hays Limestone Member where it may be a strong body.

The Laura vein crops out in natural exposures or in man-made cuts over a distance of at least 500 feet. On the geologic map (Fig. 1) it is shown as extending about 1500 feet and as being the same vein as that in the Lead King shaft. The vein trends N. 60° - 65° W. with a steep dip to the northeast. The vein is mainly finely to coarsely crystalline quartz and locally is vuggy. The vein differs in width along its strike and in places is as much as 10 to 12 feet wide; sulphide minerals, however, constitute only a small part of the vein where it is this wide.

The sulphide minerals occur as massive aggregations near the medial part of the vein, and may have been emplaced as Vanderwilt (1937, p. 109) points out, during a second stage of vein development. The visible sulphide minerals are mainly chalcopyrite and galena; the relative amounts differ from place to place, and locally the vein appears to be barren of valuable sulphides. In places, chalcopyrite has been oxidized and the adjoining parts of the vein spotted with malachite bloom.

The Laura vein was channel sampled at three points along its strike. Following are the assay results.

	Width inches	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %	Dollar value/ ton
Laura A	12	0.001	2.24	0.16	0.55	0.05	7.38
Laura B	18	0.001	2.80	0.02	4.25	0.05	16.37
Laura C	12	0.001	2.60	2.05	0.25	0.05	23.22

Sample A is noteworthy in that it appears barren but in fact does carry considerable silver. The assays of the other two samples match the visible tenor of the vein except for silver. Sample B was taken at a road cut and is believed to have come from the same place as the Applicant's sample listed as No. 13 (LA-1) (Applicant's report, exhibit showing location of claims, veins, samples, and assay results). The Applicant, which does not indicate how the sample was taken, shows the assay dollar value to be $79.50/ton.

The vein, because it lies on the flank of a ridge, is exposed over a vertical distance of about 800 feet (Fig. 1). It, like the other veins discussed, probably penetrates the Fort Hays Limestone Member and may be a strongly developed vein there.

The Lead King vein contains the only economic deposit in the area of Lead King basin, and the most economic deposit of the Snowmass district (Vanderwilt, 1937, p. 126). Total reported production is about $250,000. Smelter returns for the total metal production of the mine are not available; smelters paid for the metal or metals they were set up to extract. There are complete smelter returns for a two year period in which all four metals -- silver, copper, lead and zinc are shown. At current metal prices the value of lead and zinc would amount to about $128,000 whereas silver and copper would amount to only $14,000.

The mine workings are comprised of a haulage-way drift about 600 feet long, several raises and stopes, and two vertical winzes (Vanderwilt, 1938, p. 127). A new working now being opened by the

Applicant is located about 20 feet northeast and about 8 to 10 feet lower than the portals of the old workings. At the time of examination it consisted of a single drift about 40 feet in length. The part of the deposit mined in the old workings is largely emplaced in or along calcareous shale and limestone beds of the Fort Hays Limestone Member and, according to Vanderwilt, is composed of branching veinlets distributed "in a zone essentially parallel to the bedding". Vanderwilt notes that the sulphide minerals--chalcopyrite, galena and sphalerite which occur in the deposit are typical of the district as a whole but that the gangue minerals -- calcite and fluorite are untypical. He also notes zoning in the deposit which he attributes to sequential development of the vein. Chalcopyrite, sphalerite and fluorite occur separately or together and form the walls of the vein whereas galena and calcite from the medial part.

The Lead King vein or vein system is located on or in close proximity to a sheared structure or a fault. This structure is well exposed in the interior of the old workings and in one small area of the new working. The most conspicuous feature of the structure is a slightly undulate, smooth surface on the hanging wall side of the vein. The vein is emplaced against or parallel to the shear surface; in several places there are a few inches to a few feet of sheared, comminuted, or gouged material lying between the now mined-out vein and the principal shear surface. In the vicinity of the old portals and in a stope near the portals the vein is complex and has several parallel or oblique

branches emplaced in sheared and fractured hornfelsized shale. The branches may be separated by as much as 3 or 4 feet of barren host rock. This branching structure characterizes the vein where it is emplaced in the Mancos Shale below the Fort Hays Limestone Member.

The vein was mined by stoping up dip from the haulage-way drift. The stopes are not accessible for close inspection but it appears the stopes were raised to the top of the Fort Hays Limestone Member. A miner stated that he and others explored the stopes by the use of ropes and ladders and found that the vein was worked all along its strike, for a distance of about 600 feet, or about the entire distance of the haulage-way drift.

From what is observable from the main haulage-way drift, the vein in the stoped-areas is a massive single body ranging from about 1 foot to several feet in width emplaced in the limy or limestone beds of the Fort Hays Member. There is no evidence of workings driven out along the beds as would likely be the case if the Lead King were a bedding-controlled deposit. The overall aspect is that of a single strong vein emplaced in or along sheared or fractured limestone. This contrasts sharply with the branching nature of the vein or vein system in the shale under the limestone member. The strong development of the vein in the Fort Hays Member may have been effected by favorable structures developed in relatively brittle carbonate rock and/or the favorable chemical nature of the rock.

Where the Applicant is presently working, the vein is about 1 foot wide and is mainly chalcopyrite and sphalerite with calcite

gangue. Overall, the vein dips steeply northeast but locally it flattens and in the working face it is almost horizontal. An assay of a channel sample taken from the working face assays as follows:

	Width inches	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %	Dollar value/ ton
Lead King A	12	.001	2.36	7.7	0.4	15.7	110.03

These results appear to be a fair reflection of the tenor of the vein; chalcopyrite and sphalerite are dominant and galena is extremely sparse. The ore being mined is being stockpiled and according to the Applicant amounts to about 200 tons. It is to be shipped to the Midvale smelter near Salt Lake City, Utah. Stockpiled material, like vein material, appears to be mainly chalcopyrite and sphalerite with a little galena. Selectively sampled to exclude calcite and wall rock, it assayed 4.88 oz/ton silver. Mine-run material with included gangue would of course contain proportionately less silver.

A part or branch of the vein being worked, or a nearby parallel vein is exposed in the back of an old drift located between the active working and the main haulage-way drift. The vein there is vertical or very steeply dipping. Both walls of the vein are composed of sulphide minerals in zones several inches wide; the medial part of the vein is composed of calcite in a zone about 2 feet wide. The vein is lenticular and pinches out in a distance of 8 to 10 feet above the portal. The morphology of the vein under the floor is not known. This vein perhaps exemplifies Vanderwilt's (1937, p. 127) concept of sequential vein development wherein chalcopyrite and sphalerite preceded

the emplacement of calcite and galena. The "sulphide wall" of the foot wall or southwest side of the vein was sampled and assayed with the following results:

	Width inches	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %	Dollar value/ ton
Lead King C	10	0.001	2.38	7.65	0.8	34.95	155.42

The dollar values of the assays reflect only the tenor of the veins where they have been sampled; overall, it is estimated the dollar values of the veins average less than half those calculated from assays. Further, the veins although locally strong, are not persistent, but rather are lenticular and discontinuous, and consequently the individual veins cannot be projected with confidence or reserves of ore accurately estimated. Because the veins or vein system is emplaced in a zone about 20 feet wide, the veins will be both technically difficult and expensive to mine for mine-run shipping ore. Mining the veins will require the removal of much barren wall rock relative to the tonnage of ore with possible attendant problems of elaborate timbering in the hornfelsized shale. High smelter fees for refining a four-metal ore in conjunction with high transportation costs for moving the ore from the Marble area to the Salt Lake City area leaves only a minimal profit margin. The Applicant implied to the examiner that little profit would be realized on the 200 tons of stockpiled ore. The feasibility of profitably mining the rest of the deposit is all the more in question in view of the fact that the stockpiled ore came from

a readily accessible part of the vein which has required little timbering. The Applicant stated it is considering the feasibility of constructing a mill with the idea of mining the whole vein system including wall rock for milling ore.

The examiner unsuccessfully tried to find the bulldozed cut that, according to the Applicant, opened a high-grade vein at the confluence of Copper Creek and the North Fork of the Crystal River. In any case, had the cut been found and had the assay results reported by the Applicant been verified, more cuts along the vein would be necessary before a realistic appraisal could be made. The examiner did not visit the El Negocio vein.

Conclusions

The part of the Lead King deposit or vein system currently being mined by the Applicant is considered to be only marginally profitable and, as mining is expanded to take in more of the vein system, proportionately higher mining costs will further narrow the margin of profit. Chance that exploration of the vein system will find a deposit of shipping ore are not good; there is no reason for believing that the deposit will be any more economic elsewhere than where it is now exposed.

The other veins, especially the Copper King and Laura, may contain sizeable ore deposits at depth. They have several favorable aspects. The known lateral extent of these veins, especially the Laura, is considerable. The stratigraphic positions at which the vein are exposed are above the Fort Hays Limestone Member of the Mancos Shale which certainly means the veins penetrate the member. It is, however, conjectural

whether or not the veins, like the Lead King deposit are massively developed. For example, the Lead King deposit contains calcite gangue whereas the Copper King and Laura veins contain quartz gangue. The presence of quartz may be symptomatic of a critical difference in vein chemistry that possibly rendered the solutions inert to reaction with the carbonate wall rock. Another adverse possibility stems from the fact that if the veins were emplaced in two stages as indicated by Vanderwilt (1937, p. 110) with quartz emplacement preceding sulphide emplacement, metal values may be limited. Quartz emplaced in the vein may have insulated the limestone wall rock with the result that sulphide solutions did not have sufficient access to the walls to appreciably react and precipitate sulphide minerals. Further, if the Copper King and Laura veins are strongly developed in the Fort Hays Member, the precipitation of ore minerals in limestone may have been a selective process with the result that lead and zinc minerals were emplaced far in excess of copper and silver minerals. This may have been the case in the Lead King deposit, for there, on the basis of smelter returns for a two-year period calculated at current metal prices, the monetary value of lead and zinc exceeded that of copper and silver by a ratio of 9:1.

The Applicant, as it indicates in its proposal, is not concentrating on a single target but instead is proposing to spread its effort in several areas. The Applicant proposes work on the Silver Pass claims, Copper King claims and Apache claims. Further, the work of trenching, cutting and pitting at the base of the Fort Hays Limestone Member is not relevant to known veins and is therefore

considered mere prospecting.

The proposed drilling program makes more sense inasmuch as the holes are located in the vicinity of the Copper King vein. The Applicant proposes six holes, one of which is located to collar on the downhill, footwall side of the vein. Apparently some of the holes are intended to explore the self-potential anomalies which the Applicant shows to be located on both sides of the vein. The anomalies are not considered significant but may bear some indirect relationship to the Copper King vein.

As the third phase of its exploration the Applicant proposes to drive a new adit to intersect the Copper King vein, or, as an alternative, to renovate the old Copper King adit and then drift on the vein. The Applicant cites a figure of 370 feet as sufficient to reach the vein through the proposed new adit. This appears to be approximately correct but it is noted that the Applicant does not propose to drive a drift to explore the vein after it is intersected. An additional 300 feet or more of drifting will certainly be required to prove or disprove a discovery. In view of this the alternate proposal of renovating the old Copper King adit at a cost of about $7,000 and drifting northward on the vein will be, in the long run, less expensive and will provide more information. About 400 to 500 feet of drifting will be necessary to sufficiently explore the vein.

Recommendations

It is recommended that the Office of Minerals Exploration deny without prejudice, the proposal of Colorado Geneva Industries, Inc. in its present form. It is further recommended that Colorado Geneva Industries, Inc. be advised that should it wish to revise and resubmit its proposal to explore the Copper King vein along the following recommended lines it would be given further consideration.

The exploration should be divided into two phases, drilling and underground work; the go-ahead for the second phase would be contingent upon the results of the first phase. Drilling would test the vein as to its thickness and tenor and would help to locate the subsurface extension of vein and abet planning of underground exploration in the event it is undertaken.

First phase work would include drilling three vertical and slightly inclined diamond drill holes, collared about 250 feet uphill from the surface trace or on the hanging wall side of the vein, and spaced about 200 to 250 feet apart, roughly in line, and roughly parallel to the strike of the vein. Drilling would test the vein as to thickness and tenor. The holes would be plugged from the surface to the point where the Fort Hays Limestone Member of the Mancos Shale is intersected, roughly 400 feet, and the holes would be cored from the top of the member to bottoming depth, the point where the Copper King vein is penetrated, or roughly another 130 feet. The three holes would

total about 1600 feet. Two of the three holes would have to show favorable results to warrant the undertaking of the second phase of the contract.

Underground exploration would include renovating the Copper King adit and drifting about 500 feet along the Copper King vein.

If both phases are carried out the project would have a round figure cost of $50,000. The Applicant's present proposal, less costs for pitting and trenching, comes to about $40,000 but this figure does not include funds for drifting on the vein after it is intersected.

The justification of the exploration program proposed herein is based entirely on the assumption that the Copper King vein is developed strongly where it transects the Fort Hays Limestone Member; the vein is assumed to be strongly developed along the whole intersected thickness of the member or about 110 feet. Strike distance, thickness and tenor are at best "thin air" estimates.

Government participation would be on the basis of copper and silver, or 62.5 percent of total costs. The Government's share would come to about $31,000. If the vein does prove to be a strong one in the limestone member there is a fair chance that the government will recoup its investment on the basis of a 5 percent royalty.

$20,000

References Cited

Mutchler, Felix, Unpublished geologic map of the Snowmass Mountain quadrangle.

Vanderwilt, J. W., 1937, Geology and mineral deposits of the Snowmass Mountain area, Gunnison County, Colorado: U. S. Geol. Survey Bull. 884, 184 p.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 203

OFFICIAL
IN REPLY REFER TO:
O. M. E.
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OCT 16 1968
INITIALS | COLE

October 7, 1968

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Silver)
Colorado Geneva Industries
Copper King Project
Gunnison County, Colorado

Transmitted herewith is additional assay data submitted by the applicant. In appraising these data another field examination was deemed advisable and was made by James Gualtieri October 2, 3 and 4, 1968.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

Office of Minerals Exploration

12

July 10, 1967

mch 20 M
KJ 110
CP 120P

Mr. Charles A. Hopkins, Secretary
Colorado Geneva Industries, Inc.
P.O. Box Q
Carbondale, Colorado 81623

Re: OME-6613 (Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado

Dear Mr. Hopkins:

It will be necessary for me to make another date for the field examination relative to your application for OME assistance on mine exploration on the subject property on July 18, rather than of our previous schedule of July 19.

I will contact you in Glenwood Springs on Monday July 17th. If this is not satisfactory to you please inform me not later than July 14.

Sincerely yours,

J. William Hasler

J. William Hasler
Field Officer, Region III
Office of Minerals Exploration

CC: Chief, OME
OME chron
Hasler chron
6613

Colo. Geneva Ind., Inc.
P. O. Box Q Carbondale, Colo.
81623 Phone: 963-2920
or 945-7146

JUNE 22, 1967.

RE: OME (SILVER) # 6613.
Copper King Project
Gunnison County, Colo.
-ltr., Hasler, 6-20-67.

US Dept of Interior, USGS.
Office of Mineral Exploration
Mr. J. William Hasler,
Field Officer, Region III.

Dear Mr. Hasler:

Pleased to acknowledge receipt of your letter of June 20th about your scheduling of our property about the second week of July, which would be about the 10th or so of July, so we plan to contact you about the 6th of July in regard to your examinations and to provide detailled data for you.

We are presently working on the property and stripping the surface of the Copper King Vein with a D-8 Dozer and removing test mineralized vein matter at the rate of several tons per day. The vein is presently exposed for over 700 ft. along the strike and varies in width from 1½ feet to over 5 feet of well mineralized oxidized vein-matter, with shattered zone considerably exceeding these widths.

The most recent samples of cuts accross or channel samples assay from 8 to 25 ounces in Silver and continue to show higher silver as the sampling depth increases.

We presently have our first 10 ton lot at the AS&RCO, Globe Plant in Denver and we are presently working on a second lot with the intentions of shipping to El Paso, Texas.

Our diamond drill rig is standing by in Glenwood Springs along with other equipment to proceed with development as proposed under our Exploration Loan request # 6613. Our operating season is limited unless we make special provisions for adverse weather conditions. We are most anaxious to get underway as each days work is so encouraging.

We all look forward to your visit and examination.

Sincerely yours,

Colorado Geneva Industries, Inc.

by

Charles A. Hopkins, Secy.

CH/ss

Copy / Chief, OME
Mr. Johnson.

Copy

Office of Minerals Exploration

June 20, 1967

Mr. Charles A. Hopkins, Secretary
Colorado Geneva Industries, Inc.
P. O. Box Q
Carbondale, Colorado 81623

Re: OME-6613 (Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado

Dear Mr. Hopkins:

This letter is in reply to your letter dated June 13 concerning the scheduling of a field examination on the subject property pertaining to your application for an exploration loan through the Office of Minerals Exploration.

Due to a current heavy workload, it will be impossible for me to set an examination for your property much before the second or third week of July. You might telephone me July 6 or 7th, and it might be possible for me to set a field examination at the Copper King Project at that time. I regret that the delay in contacting you concerning a date for a field examination may have cause you inconvenience.

Sincerely yours,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

cc: Chief, OME
Hasler chron
OME chron
H

OME Region III
RECEIVED
JUN 19 1967
COPY
Denver, Colorado

Colo. Geneva Ind., Inc.
P.O. Box Q Carbondale, Colo.
81623 Phone: 963-2920
or 945-7146

Washington copy

JUNE 15, 1967.

RE: OME - 6613 (Silver)
Colo.Geneva Industries, Inc.
Copper King Project
Gunnison County, Colo.

Gentlemen:

We acknowledge receipt of your letter dated May 25, 1967 and an outline of the data required to continue the processing of our application and the explanation of certain factors to be considered under the regulations.

Since the receipt of said letter we have been obtaining the bids from other contractors to support our estimated costs and enclose two (2) sets of bids from each of several independent contractors to support our estimated costs for the work on the Project, as follows:

Excavating Work, proposals from M & M Constr. Co., of Carbondale, Colo. (2) two., and W-3 Excavating, of Carbondale, Colo.

Tunnel Excavation and Alternate, (old tunnel work), Carol L. Velasque, Contr., P.O. Box 1, Carbondale, Colo., and W-3 Excavating, R.R. #1, Box 5, Carbondale, Colo.

Drilling and Coreing Program, (AX rod, minimun), Eldorado Engineering Co. of Glenwood Springs, Colo. %(Jerome F. Gamba, P.E & L.S.) Shelton Drilling Co., Carbondale Rd., Glenwood Springs, Colo.

We would be pleased to meet with Mr. J. William Hasler, Field Officer, Region III, OME - U.S.G.S, from Bldg. 25, Federal Center Denver, at any time. The Area under consideration can now be reached via jeep, truck, etc. from Crystal City, via, Marble, Colo. We would be happy to assist him with his inspections and study in connection with the field examinations.

We presently have excavating equipment on the properties and have surface vein structure further exposed and expect to ship a test lot of vein matter during the coming week.

We would like to see Mr. Hassler real soon.

Most sincerely,

Colorado Geneva Industries, Inc.

Charles A. Hopkins, Secy. (PE & LS)

CH/
copy to Mr. Hassler, Denver.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
5/25/67	Peterson	120
	On leave	120
		110
		220
		120M

MAY 25 1967

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6613 (Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado

We are referring the subject application to you for further consideration, a field examination if warranted, and recommendations.

The Applicant has submitted most of the additional data we had requested. Still lacking, however, are bids for the drilling and underground work to be performed.

The assay information submitted with the application suggests that the Copper King property is chiefly a lead-zinc deposit. However, these data also indicate that eligible minerals may be present in quantities sufficient to qualify the property for OME assistance.

The proposal which divides the work into three stages is well prepared. Our only comment concerns the estimated cost of the underground work which we believe is too high, and also the supervision costs are excessive.

FRANK E. JOHNSON

Frank E. Johnson

Enclosures-15 and 3 maps

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

ECPeterson/gla 5-25-67

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
5/25/67	Peterson	120
	On leave	120
		110
		120M

AIRMAIL

MAY 25 1967

Colorado Geneva Industries, Inc.
P. O. Box Q
Carbondale, Colorado 81623

Re: OME-6613 (Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado

Gentlemen:

This will acknowledge receipt of your letter dated May 9 enclosing additional information needed to continue the processing of your application.

Normally, an approved voucher is paid within two to three weeks after it has been submitted. However, we find that many operators do not submit their vouchers promptly, and in other cases the vouchers or reports have not been properly prepared and must be returned to the operator for corrections. As a result, payment of a voucher is delayed, and the operator will necessarily need additional funds to pay all costs of the project during this period.

Although the company intends to perform the proposed drilling and underground exploration with its own equipment and personnel, it will be necessary for you to submit bids from at least two independent contractors to support your estimated costs for this work. We require all applicants proposing such work to submit this supporting information.

Because the rental of a bulldozer and backhoe, including operator and supplies, amounts to an independent contract, please submit bids from at least two independent contractors for this work also.

It should be noted that under an OME contract the operator shall provide such supervision and technical services as may be required to complete the work in a satisfactory manner. Reasonable allowances are made for these services, which may include a full-time geologist-engineer-supervisor and a part-time consultant.

see reply 6/15/67 left hand side Bids, etc.

23263

Your application is now being referred to Mr. J. William Hasler, Field Officer, Region III, Office of Minerals Exploration, U. S. Geological Survey, Building 25, Denver Federal Center, Denver, Colorado 80225. Mr. Hasler will notify you if additional information concerning the application is needed, and possibly to make arrangements for a field examination.

As Mr. Hasler is responsible for making OME field examinations in eleven states, a visit to your property necessarily will have to be scheduled well in advance.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Docket
OME Reading File
OME Region III
Mr. Peterson

ECPeterson/gla 5-25-67

Colo. Geneva Ind., Inc.
P. O. Box Q Carbondale, Colo.
81623 Phone: 963-2920
or 945-7146

OFFICIAL
COPY
O. M. E.
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MAY 19 1967
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Johnson 120
by: 116
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MAY 9, 1967.

USGS - Dept. of Interior, OME.
Washington, D.C. 20 242

RE: Docket # 6613 (silver)
Apr. 11,1967, Mr. F. E.
Ch. OME,

GENTLEMEN:

Since receiving your letter of April 11, 1967, for additional information, we have conferred with the Lessors of part of the Claims, Mr. Lee W. and J.F. Sperry concerning the Lein and Subordination Agreements (MME Form 52) and enclose, herewith, the five (5) signed copies of the Agreement, as requested and required.

Also, enclosed herewith, per your request, under paragraph 3 of your letter, the copy of document transferring the rights of Charles A. Hopkins and Sidney M. Baker, to Colorado Geneva Industries, Inc., which also transfers the rights of the other Hopkins and Baker located claims, as stated, to the Corporation.

Also: Additional copy (1) of Application FormMME Form 40 is enclosed herewith.

Also enclosed, is One (1) copy of the Lee W. and J.F. Sperry "AGREEMENT" and Lease to Hopkins and Baker.

Also,Four pages of data, per form 40 and requested.

Also, four pages of Costs Program

Also, "Certification", by Corporation, dated March 22, 1967.

Also, one copy (1), Claim List and Sampling Data, Lee W. Sperry and Mayflower Mining Co. (1948 - 1956)

Also, one (1) copy of (OME) PLAT of Claims, in Area.(8½x 14")

Also: experience records of Hopkins & Baker, Ltrs. of ref. copies, total of five (5) attached pages of data.

After your review of the enclosed data and also the data sent on March 22nd 1967, kindly inform as to further requirements.

In your letter, it is stated in paragraph five (5) that it usually takes 2 - 3 weeks to prove a voucher, and it also states this in the "Question and Answer Booklets". Your letter then continues to inform us, that funds should available to pay all costs of the project for the first two or three months; kindly inform and clarify about the difference in time of the periods stated.

We are presently plowing out the road east of Marble, Colo. and leading to the Properties and we expect to have access to the area about the middle of the current month.

Very truly yours,

Colorado Geneva Industries, Inc.

Charles A. Hopkins

Charles A. Hopkins,
Secretary and Cons. Engr.

Documents filed left-hand side. 1st Form 40 & all material & 3 maps sent to Reg III

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/11/67	Peterson	120
4/11/67	Kisbemo	120
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APR 11 1967

AIRMAIL

Colorado Geneva Industries, Inc.
P. O. Box Q
Carbondale, Colorado 81623

Re: OME-6613 (Silver)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado

Gentlemen:

A preliminary review of your application for exploration assistance indicates that additional information is needed to continue its processing.

Submit five copies of Lien and Subordination Agreements signed by Lee W. and J. F. Sperry, the owners of the claims being leased. If the agreements cannot be obtained, we must have your assurance that a Performance Bond covering the Government's share of the estimated cost of the work would be furnished by the corporation in the event of a contract. Lien and Subordination Agreements forms (MME Form 52) are enclosed for your possible use.

A copy of the document transferring the rights of Charles A. Hopkins and Sidney M. Baker, who are listed as co-lessees in the mining lease, to the Colorado Geneva Industries, Inc., should be furnished. A copy of the document transferring the rights of Hopkins and Baker, locators of the other claims involved in the proposed work, to the corporation should also be included.

For your information, allowable costs under an OME contract do not include full book value allowances to the operator for his equipment used on a contract. Rather, for each piece of his equipment used on a project the operator is compensated by allowing depreciation to the extent of 1/60th of the fair market value of the equipment or its book value, whichever is less, for each month used. If the equipment is rented, a fair rental charge per month is allowed.

In addition, the Government pays its share of the costs at the end of each month after a voucher has been submitted and approved. It usually takes two or three weeks to process such a voucher. An applicant, therefore, should have sufficient funds readily available to pay for all the costs of the project for the first two or three months.

23263

If any of the proposed work is to be contracted, cost estimates should be supported by bids from three contractors if possible.

Please furnish one additional copy of your application form and accompanying material in compliance with the general instructions on the front of the application form (MME Form 40). We are in receipt of two sets of maps; however, only one copy of the above-mentioned material was received. An application form (MME Form 40) is enclosed for your possible use.

This request for additional information should not be construed as a commitment by the Government to grant an exploration contract. We shall hold the further processing of your application in abeyance until the requested data are received.

Sincerely yours,

Harold Simmons (gla)

for: Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
OME Region III
Mr. Peterson

ECPeterson/gla 4-11-67

March 30, 1967

Mr. Charles A. Hopkins, Secretary
Colorado Geneva Industries, Inc.
P. O. Box Q
Carbondale, Colorado 81623

Subject: OME 6613

Dear Mr. Hopkins:

Your application for exploration assistance, with all attachments, and dated March 22, 1967, submitted to our office at Washington, D. C. has been assigned Docket No. OME-6613.

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

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region III
with attachments

United States Department of the Interior

GEOLOGICAL SURVEY
Denver Federal Center
Denver, Colorado 80225

IN REPLY REFER TO:

Office of Minerals Exploration
Building 53 Room 28

OFFICIAL COPY
O. M. E.
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January 30, 1973

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6613 (Silver-Copper)
Colorado Geneva Industries, Inc.
Copper King Project
Gunnison County, Colorado
Contract 2287

Transmitted herewith is the Government's copy and the Branch of Financial Management's copy of Amendment No. 5 (two pages), to the subject contract, signed by the President of Colorado Geneva Industries, Inc. The amendment is now fully executed having now been signed by both parties, the Government and the Operator. The Operator has retained the Operator's Copy, and I am retaining the executed Field Office copy as well as the Extra Copy for Field Use for my files.

The accompanying envelope in which the executed amendments were mailed shows that it was mailed from Glenwood Springs, Colorado January 23, 1973 and was not received in this office until the afternoon delivery of January 29, 1973. Glenwood Springs is approximately 170 miles from Denver, Colorado, thus it took 6 days for one piece of mail to travel 170 miles or a distance of about 28.333 miles per day. That's progress in mail delivery, if you want to call it that.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

120 HK
gpw

DRAFT 10-3-73

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.

OME-6613

AMENDMENT NO. 6

It is agreed this [redacted] day of [redacted], 1973, between the United States of America, acting through the Department of the Interior, U.S. Geological Survey, hereinafter called the "Government" and Colorado Geneva Industries, Inc., hereinafter called the "Operator," that Exploration Contract 2287 (OME-6613), dated December 17, 1969, as amended, is further amended effective September 24, 1973, as follows:

In Exhibit A:

1. Under Estimated Costs of the Work, Fixed Unit Costs, as amended by Amendment No. 4, the text is further revised to read as follows:

"Fixed Unit Costs[1/]

Drifting, 509.2 feet at $55.00/foot	$28,006.00	
Long-hole drilling 225.1 feet at $1.75/foot	394.00	
Assaying, 27 samples Copper at $3.00/assay Lead, zinc, silver at $1.50 each determination	200.00	
Office Expense 6 months at $50.00/month	300.00	
1 Supervisor-engineer 7.28 months at $750.00/month	5,460.00	
Total Estimated Cost of the Project		$34,360.00
Government Participation at 62 1/2%		$21,475.00

1/ The Government retains no equity in any of the materials used."

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

Except as amended herein Exploration Contract 2287 (OME-6613) dated December 17, 1969, shall remain in full force and effect.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration

COLORADO GENEVA INDUSTRIES, INC.

By_____

Title_____

DRAFT 10-3-73

EXPLORATION CONTRACT
COLORADO GENEVA INDUSTRIES, INC.

OME-6613

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Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration

COLORADO GENEVA INDUSTRIES, INC.

By_____

Title_____

NO	DESCRIPTION	GOLD $35.	SILVER $2.00	COPPER $8.00	LEAD $2.50	ZINC $2.10	$ PER TON
1	COPPER KING #1 (W) 2½' CUT SMP.		11.52	5.45	TR.	2.35	$83.00
2	" " #2 (E) 3' CUT SMP 2/16/66		9.2	1.52	3.12	19.9	$93.00
3	SHEEP #1, EL NEGOCIO CHANNEL CUT AT TUN. 4 FT-5 FT 2/16/66		17.88	NOT RUN	13.18	0.12	$74.40
4	" #2, " " COMBINED CUTS OF SURFACE VEINS 4 FT - 5 FT (2nd)		2.02	NOT RUN	17.84	7.64	$74.30
5	" #3 " " DUMP, ±800 TONS 2/16/66		0.20	0.12	7.95	1.35	$27.00
6	COPPER KING #1-E (±) 4 FT. CUT	0.02	15.35	9.85	0.90	5.20	$126.40
7	" " #1-M 6/8/67	0.01	8.05	5.28	TR.	0.54	$60.00
8	" " #1-W ± 2 FT. CUT 6/8/67	TR	5.76	2.84	0.24	1.04	$26.80
9	" " #W2 ± 2 FT. CUT 4/12/67		25.80	5.60	8.63	4.95	$134.00

NO.	DESCRIPTION	GOLD $35. /OZ	SILVER $2.00/OZ	COPPER $8.00/LB	LEAD $2.50/LB	ZINC $2.10/135 LB	$ PER TON
10	LA 3, LAURA, ± 5 FT. (end of RD) GABBRO - LOWER RD. CUT	0.03	0.2	0.85			$8.20
11	CU-T-1, TUNNEL, 1000' CUT, Gabbro porphyry 7/6/67		0.54	0.061			$1.60
12	CU-K-4, SURFACE CUT, EAST END		3.10	0.347	3.38		$18.50
13	LA-1, UPPER RD. CUT 7/6/67		13.44	0.51	17.20		$74.50
14	GW #1, COPPER KING SPECIMIN INTERSECTION ± 2 FT. #10 VEIN		5.54		31.45	TR	$99.00
15	GW #2, COPPER KING #8 Vein ½ OF SPECIMEN		18.60		51.16	8.04	$202.00
16	GW #3 COPPER KING #8 SORTED ORE		7.20		19.30	1.55	$73.40
17	CUK #5, COPPER KING HI (HICKS) 2 LNS.		68.50	26.78			$351.20
18	CUK. #6, ± 3 FT. SMP, ON 700' CUT EAST SHAFT		5.40	3.45			$38.40

NO	DESCRIPTION	GOLD $35.	SILVER $2.00	COPPER $8.00	LEAD $2.50	ZINC $2.10	$ PER TON
19	CUK #7, COPPER KING EAST SHAFT (±) 3 FT. CUT @ 10 FT. ABOVE #18		1.96	2.77			$26.10
20	LA-W.RD, LAURA, LOWER TUNNEL DUMP	0.08	8.20	2.40	2.50	3.60	$56.50
21	LA-E.RD. LAURA, UPPER TUNNEL DUMP	0.10	5.60	1.00	3.25	3.80	$42.00
22	APACHE #10, 2 FT. Vein (HI-GRADE) SIDE		69.00	7.10	47.0	8.0	$348.00
23	" #10, 1½ FT. Vein, NEXT TO #22 (ABOVE)		7.00			41.0	$124.00
24	" #10, 5 FT. Vein, NEXT TO #23 (ABOVE)		6.00	2.00	14.0		$67.20
25	" #10, 13 FT. Vein, NEXT TO #24 (ABOVE)		3.85	1.02	2.08	0.8	$19.20
22-23 24-25	= " #10, Composite, Calculated, 21. FT.						$65.10

P. & B. C. PARKER, ASSAYER, DENVER, No Assay Sheet Received To Date.

REMARKS:

Per ton values based on Nov. 1967, metal prices (approx.), Net values would be less production costs and metal buyers discounts.

LEAD KING MINE PRODUCTION, (±)
Calculated on Nov. 1967, PRICES

1896 - 1899 (41. Ry. Cars)	=	$500,500.(±)
1912 - 1913 + 200 TONS	=	104,308.(±)
1929, - - - 138½ T.	=	20,775.(±)
1948 - - - - - -	=	9,445.
		$631,030.(±)

Production over other yrs, UNKNOWN.

BY: S.M.B. & C.A.H. | NOV. 26, 1967

REVISIONS - ADDITIONS:

1967 (NOV.) Values per ton, and Lead King, data, etc. 11/61
1967 (DEC.) Data, etc., PRODUCTION, etc. -- C.H. 12/67

COLORADO GENEVA INDUSTRIES, INC.

6610-2, ASSAY DATA

NO	DESCRIPTION	GOLD $35.	SILVER $2.00	COPPER 8¢	LEAD 14¢	ZINC 13.5¢	PER TON
11	COPPER KING #1 (W) 2½' CUT SMP.	"	16.8	5.45	TR.	2.35	$83.00
2	" " #2 (E) 3' CUT SMP 2/16/66	"	9.2	1.52	3.12	19.2	$93.00
3	SHEEP #1, EL NEGOCIO CHANNEL CUT AT TUN. 4 FT-5 FT 2/16/66		17.88	NOT RUN	13.78	0.12	$74.40
4	" #2, " " COMBINED CUTS 6 SURFACE VEINS 4 FT-5 FT (EL)		2.02	NOT RUN	17.84	7.64	$74.30
5	" #3 " " DUMP, ±800 TONS 2/16/66		0.28	0.12	7.95	1.38	$27.00
6	COPPER KING #1-E (±) 4 FT. CUT	0.02	15.38	9.85	0.90	5.20	$126.40
7	" " #1-M 6/8/67	0.01	8.05	5.28	TR.	0.54	$63.00
8	" " #1-W. ±2 FT. CUT 6/8/67	TR	5.76	2.84	0.24	1.04	$26.20
9	" " #W2. ±2 FT. CUT 4/12/67		25.80	5.60	8.63	4.95	$134.00

NO	DESCRIPTION	GOLD $35.	SILVER $2.00	COPPER 8¢	LEAD 14¢	ZINC 13.5¢	PER TON
10	LA 3, LAURA, ±5 FT. (END OF 120) GABBRO-LOWER RD. CUT	0.03	0.2	0.85			$8.20+
11	CU-T-1, TUNNEL, Gabbro-porphyry Vein Cutting 1/6/67		0.54	0.061			$1.60+
12	CU-K-4 SURFACE CUT, EAST END		3.10	0.347	3.38		$18.50
13	LA-1, UPPER RD. CUT		13.41	0.51	17.20		$79.50
14	GW #1, INTERSECTING COPPER KING SPECIMIN ±2 FT. #10 VEIN 1/6/67		5.54		31.45	TR.	$99.00+
15	GW #2, COPPER KING #8 VEIN ±2 FT SPECIMEN		18.60		51.16	8.04	$202.00
16	GW #3 COPPER KING #8 ORE DUMP		7.20		19.30	1.55	$73.40
17	CUK #5, COPPER KING III (IVES) ORE DUMP		68.50	26.78			$351.20
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21	LA-E.RD. LAURA, UPPER TUNNEL DUMP	0.10	5.60	1.00	3.25	3.80	$42.00
22	APACHE #10, 2 FT. OF VEIN (HI-GRADE) SIDE		69.00	7.10	47.0	8.0	$348.00
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24	" #10, 5 FT. VEIN, NEXT TO #23 (ABOVE)		6.00	2.00	14.0		$67.20
25	" #10, 13 FT. VEIN, NEXT TO #24 (ABOVE)		3.85	1.02	2.08	0.8	$19.20
22-23-24-25	= " #10, Composite, Calculated, 21. FT.						$65.10

Smp. by C. Hopkins (ALL OTHERS by S. BAKER)

Pit by C. PARKER, ASSAYER, DENVER, No ASSAY SHEET Received To Date.

REMARKS:
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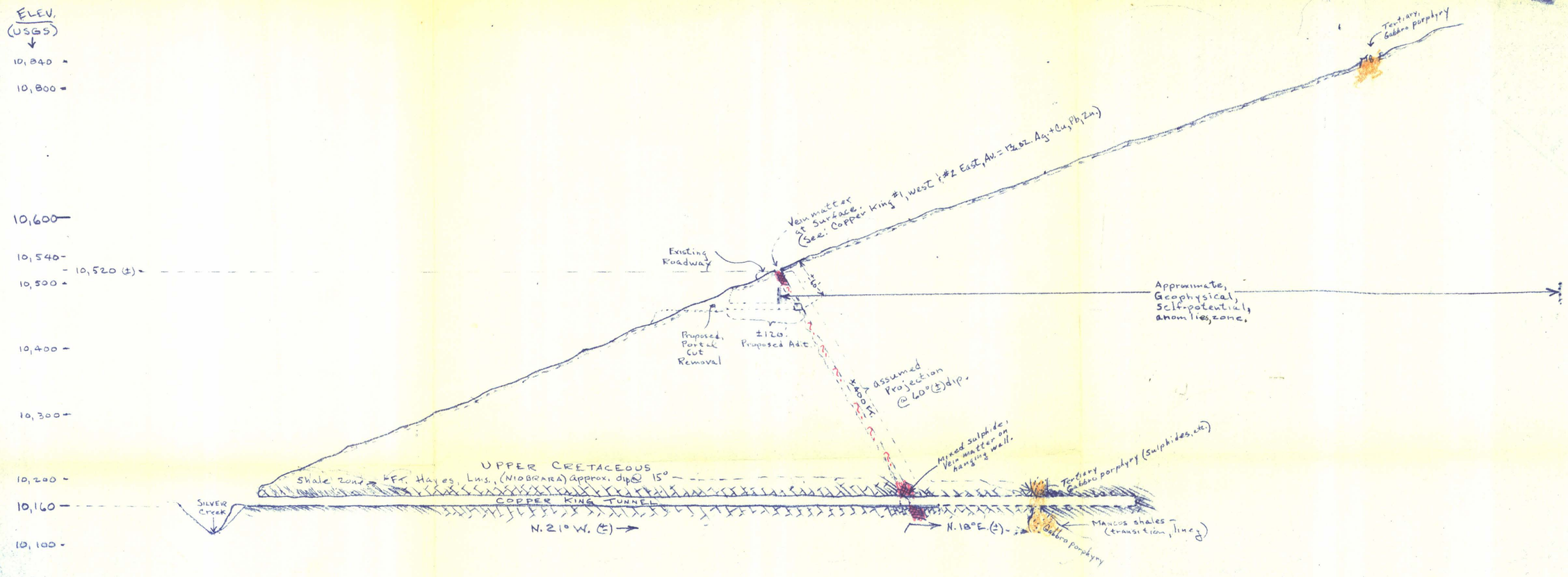
1948 — = 9,445.00
$631,000.00
Production over other yrs, UNKNOWN.

BY: S.M.B. & C.A.H. [NOV. 26, 1967]
REVISIONS - ADDITIONS:
1967 (NOV.) Values per ton and lead King data, etc. 11/67
1967 (DEC.) Data, etc., PRODUCTION, etc. — C. 12/67

OME #6613 (SILVER) ...ISON COUNTY, COLO

COLORADO GENEVA INDUSTRIES

6610-2, ASSAY DATA



LONGITUDINAL SKETCH

OF THE

COPPER KING TUNNEL,
(5 MI. E. OF MARBLE, COLO., ROCK CREEK DIST.)

GEOLOGICAL DETAILS & DATA.

COLORADO GENEVA INDUSTRIES, INC.

VERT. & HORIZ. SCALES : 1 IN. = 100 FT.

(By S.M. Baker & C.A. Hopkins, geol. & eng'rs.)
(Drawn By: C.A.H., 1967)

DATE: March 17, 1967.

HOPKINS & ASSOCIATES REGISTERED CONSULTANTS
Planning & Correlating ENGINEERS
MUNICIPAL - CIVIL
SOILS - MINING
PH. 963-2920
P.O. Box Q
Carbondale, Colo. 81623

6610-2 (Sh.)

Colo. Gen. Ind. Inc.
Form 40 #3(e)

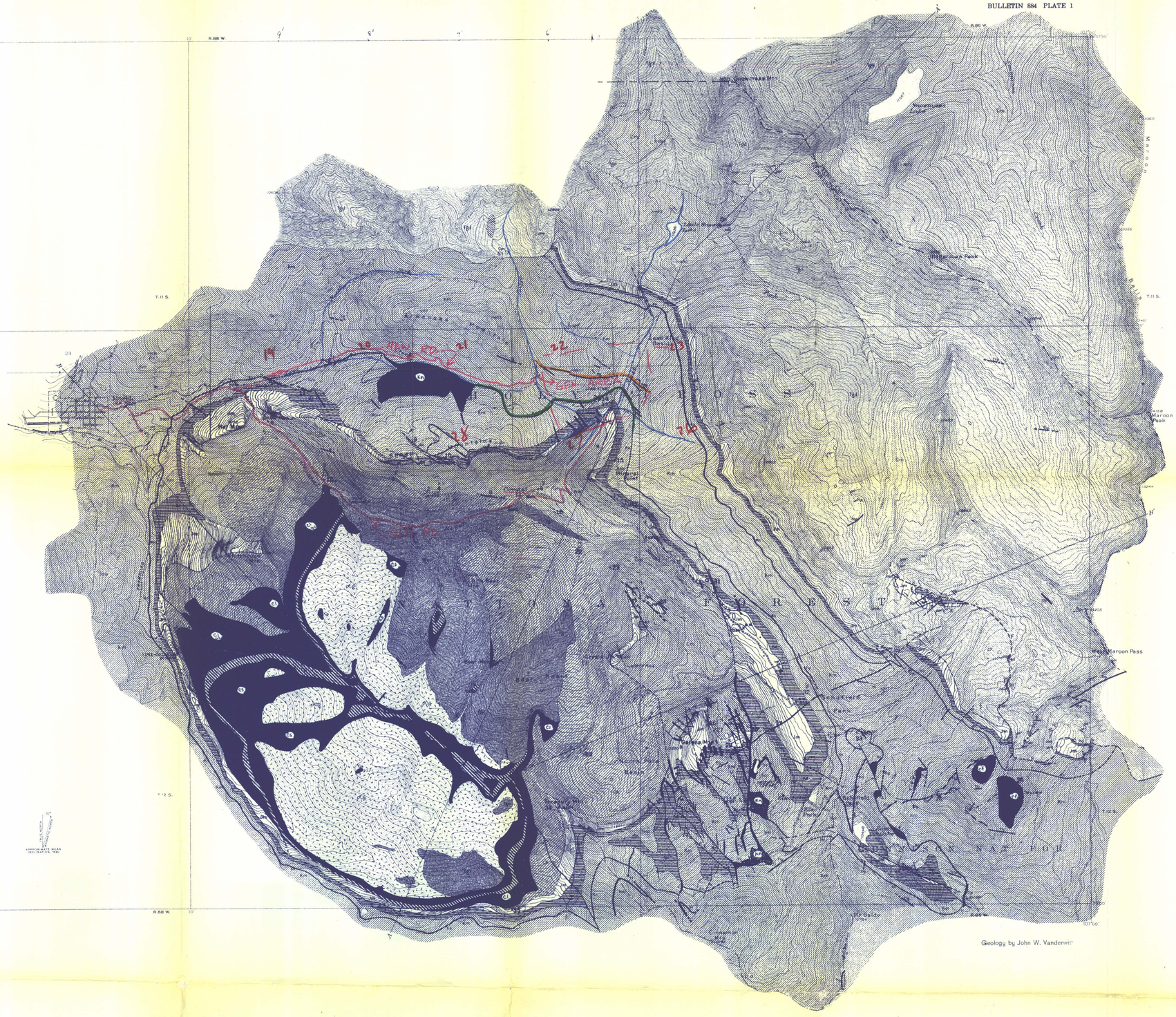
INDEX OF MINES AND PROSPECTS

NUMERICAL ORDER

1. Black Eagle
2. Black Queen
3. Catalpha
4. Evening Star
5. Gold Pan vein
6. Lizard Lake
7. Inez tunnel
8. Lucky Boy
9. Milwaukee
10. Undine
11. Pioneer (Warrior) tunnel
12. Sheep Mountain tunnel
13. Tennessee of the Black Queen group
14. Lead King
15. Daisy
16. Belle of Titusville
17. Burt
18. Bear Mountain tunnel
19. Lead Bullet
20. Skyline
21. Yule Creek
22. Crystal Mountain tunnel
23. Harris-Farley
24. High Tide
25. North Pole
26. Mexican Cut
27. Blue Jay tunnel
28. Rockett tunnel
29. Homestake tunnel
30. Brooklyn tunnel
31. Whopper lode
32. Baroni's tunnel
33. Hercules-Ajax
34. Eureka
35. Head of Yule Creek
36. Bennet tunnel

ALPHABETIC ORDER

Ajax. *See* Hercules-Ajax, 33.
Baroni's tunnel, 32.
Bear Mountain tunnel, 18.
Belle of Titusville, 16.
Bennet tunnel, 36.
Black Eagle, 1.
Black Queen, 2.
Blue Jay tunnel, 27.
Brooklyn tunnel, 30.
Burt, 17.
Catalpha, 3.
Crystal Mountain tunnel, 22.
Daisy, 15.
Eagle claim. *See* Skyline, 20.
Eureka, 34.
Evening Star, 4
Gold Pan vein, 5.
Harris-Farley, 23.
Head of Yule Creek, 35.
Hercules-Ajax, 33.
High Tide, 24.
Homestake tunnel, 29.
Inez tunnel, 7.
Lead Bullet, 19.
Lead King, 14.
Lizard Lake, 6.
Lucky Boy, 8.
Mexican Cut, 26.
Milwaukee, 9.
North Pole, 25.
Pioneer (Warrior) tunnel, 11.
Rockett tunnel, 28.
Sheep Mountain tunnel, 12.
Skyline, 20.
Tennessee of the Black Queen group, 13.
Undine, 10.
Whopper lode, 31.
Yule Creek, 21



Topography from Geological Survey map of
Snowmass Mountain quadrangle
Enlarged from original drawing on 1:48,000 scale

Geology by John W. Vanderwilt

EXPLANATION

IGNEOUS ROCKS

STOCKS

- Tgs — Granodiorite (Snowmass Mountain stock)
- Tg — Granite (Treasure Mountain stock)

DIKES AND SILLS

- Tl — Lamprophyric rocks
- Tp — Porphyry of Lincoln type
- Tf — Felsite porphyry
- Tg — Gabbro porphyry (1966 Surface Mine Works Present in Porphyry Copper King Tunnel)

TERTIARY

SEDIMENTARY ROCKS

1966 YER, GQ 512, 1966 — Fr. Hays, Lms — MIOBRARA

- Km — Mancos shale (*Limestone member of Niobrara age (Kn)*)
- Kd — Dakota (?) quartzite

Upper Cretaceous — CRETACEOUS

- Jm — Morrison formation (*Underlying Entrada sandstone included in places*)

UNCONFORMITY — JURASSIC

- Cm — Maroon formation

Pennsylvanian — *Belden formation* — MINTURN FORMATION — BELDEN — MOLAS

- Cs — Hermosa (?) formation

CARBONIFEROUS

- Ml — Leadville limestone

Mississippian

- Dc — Chaffee formation (*Upper and Parting members undifferentiated*)

Upper Devonian — DEVONIAN

UNCONFORMITY

- Ꝋ — Fremont limestone, Harding quartzite, and Manitou dolomite

Lower, Middle, and Upper Ordovician — ORDOVICIAN

- Ꞓs — Sawatch quartzite (*Quartzite overlain by Peerless shale member (Ꞓp)*)

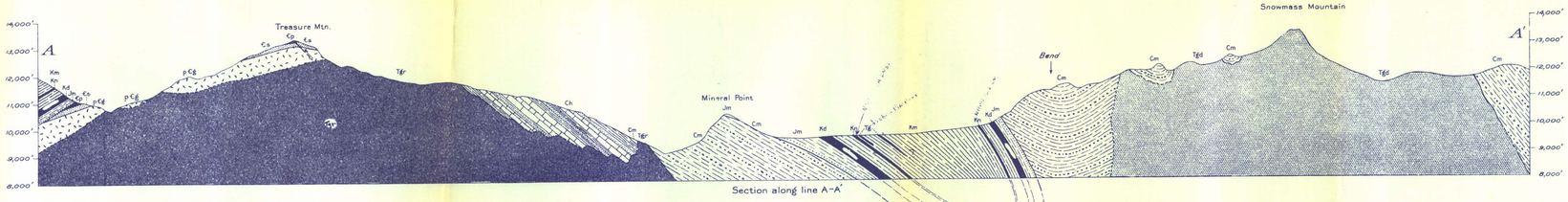
Upper Cambrian — CAMBRIAN

- PЄg — Gneiss

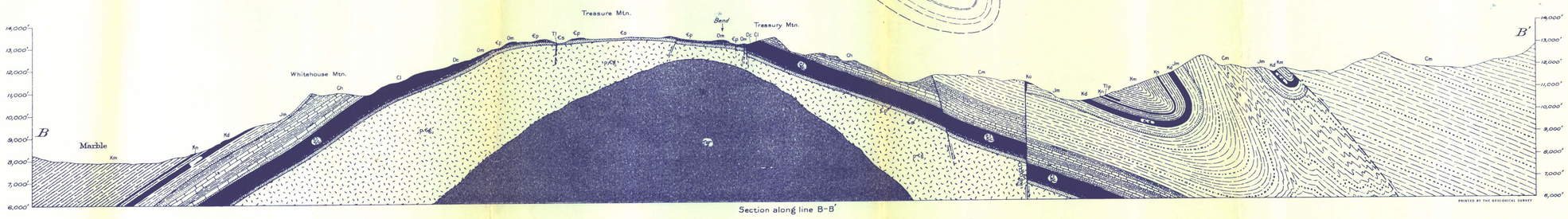
PRE-CAMBRIAN

- Faults (*D, shown downthrown side; T, overthrust side*)
- Strike and dip of beds
- Vein
- Vertical dip
- 25 — Mine tunnel
- X 10 — Prospect (*Numbers refer to list on left side of map*)

Transparent oversheets in pocket accompanying this map show mining claims and distribution of moraines and erratics



Section along line A–A′



Section along line B–B′

PRINTED BY THE GEOLOGICAL SURVEY

GEOLOGIC MAP AND SECTIONS OF SNOWMASS MOUNTAIN AREA, COLORADO

Scale 1/48000

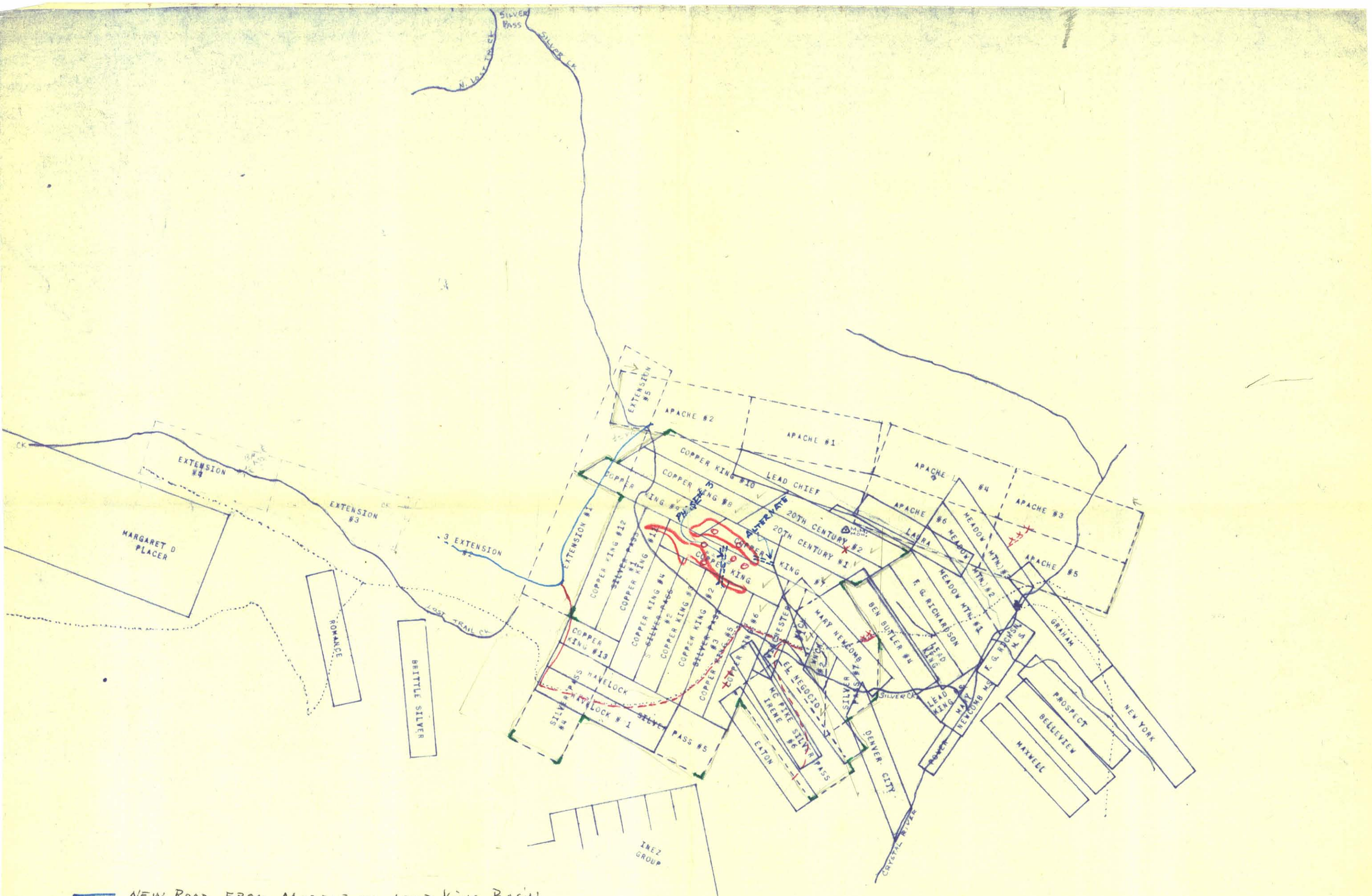
Contour interval 50 feet
Datum is mean sea level.

1937

Photo Key By: CHARLES A. HOPKINS
Registered Consultant
MINING AND METALLURGICAL ENGINEER

GEOLOGICAL SURVEY
MAR 30 1937
D. C.

Colo. Geol. Surv. Inc., Folder 40 #3(a) #10317-(A) Sh #5



NEW ROAD FROM MARBLE TO LEAD KING BASIN

SOLID RED LINE = ROAD TO BE BUILT INTO EXPLORATION AREA UNDER PHASE #1

DOTTED RED LINE = CUTTING & TRENCHING AT THE BASE OF THE FT. HAYES LIMESTONE UNDER PHASE #1

xxxx PROPOSED CUTS and TRENCHES ON SILVER PASS claims, Copper King #6, Century #2 and APACHE claims under PHASE 1.

ooo PROPOSED CORE HOLES UNDER PHASE #2

PROPOSED TUNNEL AND ALTERNATE SITE UNDER PHASE #3

Colo. Gen. Ind. Inc. Form 40 5 (a-b)

6610-2 (Sh.)