MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. 6569

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- [ ] Withdrawn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
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments

Right Side

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

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

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

Additional Folders:

Left Side

Folders No. _____: Reports

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

Right Side

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

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

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

CABLE ADDRESS: GREATAMIND, N. Y.

GREAT AMERICAN MINERALS CORPORATION

62ND FLOOR, CHRYSLER BUILDING • NEW YORK 17, N. Y.

EXECUTIVE OFFICES

TELEPHONE YUKON 6-9550

August 8, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
AUG 17 1966
INITIALS | CODE

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

Gentlemen:

Sometime ago I made an application to Bob Ross, Director of Industry Materials Division, General Services Administration, in Washington, for assistance in developing what appears to be an excellent potential copper property in Arizona, which we recently acquired.

Under date of July 14th, we received a letter from him to the effect that he was forwarding the file to you and sending us forms to be filled out and sent to you.

We take pleasure in enclosing herewith three forms filled out applying for your assistance in developing and putting this property into production as soon as possible.

We would appreciate an appointment in a week or ten days to come to Washington to discuss the matter with you directly at that time.

Thank you very much for your assistance.

Yours very truly,

Walter S. Mack
President

WSM:nd
Enc.

MME Form 40
July 1962

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

OFFICIAL COPY O. K. E. RECEIVED AUG 17 1966 INITIALS CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

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.)*

Great American Minerals Corporation
Chrysler Building- 62nd Floor
New York , New York 10017

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6569

DATE RECEIVED: 8/17/66

REGION: III

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED: Florida

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Walter S. Mack	62nd Floor- Chrysler Bldg. New York, New York	Chairman of the Board & President
A. Mele	" "	Treasurer& Secretary
E. Pass	" "	Asst. Sec'y-Treas.

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Copper, gold, and silver

ESTIMATED COST OF PROJECT: $ 100,000

PROPERTY NAME	LOCATION COUNTY	STATE
Copper Stack	Yavapai	Arizona

GENERAL INSTRUCTIONS

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

CERTIFICATION

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

8/15/66
DATED

BY *(Signature)*

President
TITLE

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

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

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

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

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

2. Applicant's Rights in Land:

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

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

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

3. Physical Description:

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

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

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

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

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

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

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

4. Accessibility of Property:

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

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

5. Exploration Work:

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

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

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

6. Experience:

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

7. Estimate of Costs:

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

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

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

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

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

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

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

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

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

July 28, 1966

Royal National Bank
1212 Avenue of the Americas
New York, N. Y.

Attention: President

Gentlemen:

we are the owners of mining claims known as the Copperstack Mine, in the Tiga mining district, Yavapai County, Arizona, consisting of approximately 21 unpatented lode claims, which have indications of copper, gold and silver.

We are in the process of proceeding to diamond drill the property in order to prove up an estimate of tonnage and values.

We would like to borrow, if possible, against this property, approximately $100,000 in order to pay for the drilling and exploration costs, and would appreciate advice from you as to whether you would be able to handle this financing for us as one of our principal banking connections and, if not, could you advise us how you think we could get such financing.

Yours very truly,

GREAT AMERICAN MINERALS CORPORATION

Walter S. Mack
President

WSM:ss

XERO COPY XERO XERO XERO COPY

ROYAL NATIONAL BANK OF NEW YORK
1212 AVENUE OF THE AMERICAS
NEW YORK, N.Y. 10036

August 11, 1966

Great American Minerals Corp.,
Chrysler Building,
405 Lexington Ave.,
New York, N. Y.

Att: Mr. Walter S. Mack

Dear Mr. Mack:

Replying to your letter of July 28, 1966, we regret to advise you that this bank will be unable to grant your loan application to enable you to meet some of your drilling and exploration costs at the Copper Stack Mine in Arizona.

We would like to be of help to you but, unfortunately, the present market conditions prohibit us from engaging in this type of financing. Perhaps it may be possible for you to obtain some assistance from one of the government agencies. We suggest you look into the matter.

Very truly yours,

William Goldfine

William Goldfine
President

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FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street) (City and State) (Postal ZIP code): 405 Lexington Avenue New York, New York 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

NO.	NAME AND ADDRESS OF CORPORATION	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR — Number of shares — Voting	Capital stock — Nonvoting	STOCK HOLDINGS AT BEGINNING OF YEAR — Voting — Number of Shares	Voting — Percent Voting Power	Nonvoting — Number of Shares	Nonvoting — Percent	Owned by Corporation Number—
1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
2.	A-OK Products Corporation 405 Lexington Ave., N.Y.C.	800		800	100%			1
3.	Bedford Diesel Service, Inc. Bedford, Virginia							
4.	Bondtex, Inc. Bedford, Virginia	10,000		10,000	100%			1
5.	Cantrell & Cochrane Ltd., Inc. 405 Lexington Ave., N.Y.C.	100,000		100,000	100%			1
6.	Cantrell & Cochrane Atlanta, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
7.	Cantrell & Cochrane Baltimore, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
8.	Cantrell & Cochrane Birmingham, Inc. 405 Lexington Ave., N.Y.C.	10		10	100%			5
9.	Cantrell & Cochrane Boston, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
10.	Cantrell & Cochrane Cincinnati, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION No.*	CORPORATION Name	STOCKHOLDER (Corporation No.)*	Date	Changes: Shares Acquired Voting	Changes: Shares Acquired Nonvoting	Changes: Shares Disposed of Voting	Changes: Shares Disposed of Nonvoting	Shares Held at End of Year: Voting Percent Voting Power	Shares Held at End of Year: Nonvoting Percent of Shares
3.	Bedford Diesel Service, Inc.	1	9/22/65	50				100%	
*	Cantrell & Cochrane Charlotte, Inc.	5	8/31/65			200			
11.	Cantrell & Cochrane Corporation	5	9/1/65	10,000				100%	
26.	Garfield Products Company, Inc.	1	4/5/65	10					
26.	" " " "	1	9/1/65			10			

* The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

*Name changed to Cantrell & Cochrane Corporation.

Remarks:

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

(Date) (Signature of Officer) (Title)

CORPORATE SEAL

FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street) (City and State) (Postal ZIP code): 405 Lexington Avenue New York, New York 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

NO.	NAME AND ADDRESS OF CORPORATION	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR — Number of shares — Voting	Number of shares — Nonvoting	STOCK HOLDINGS AT BEGINNING OF YEAR — Voting — Number of Shares	Voting — Percent Voting Power	Nonvoting — Number of Shares	Nonvoting — Percent	Owned by Corporation Number—
1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
11. x	Cantrell & Cochrane Corporation (formerly Cantrell & Cochrane Charlotte, Inc.) 405 Lexington Ave., N.Y.C.	200		200	100%			5
12. x	Cantrell & Cochrane Detroit, Inc. 405 Lexington Ave., N.Y.C.	10		10	100%			5
13. x	**Cantrell & Cochrane Florida, Inc. 405 Lexington Ave., N.Y.C.	50		50	100%			5
	**In 1966 name changed to Great American Minerals Corporation							
14. x	Cantrell & Cochrane Illinois, Inc. 405 Lexington Ave., N.Y.C.	10		10	100%			5
15. x	Cantrell & Cochrane Memphis, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
16. x	Cantrell & Cochrane Minnesota, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
17. x	Cantrell & Cochrane New Orleans, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
18. x	Cantrell & Cochrane Omaha, Inc. 405 Lexington Ave., N.Y.C	100		100	100%			5
19. x	Cantrell & Cochrane Philadelphia, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION No.*	CORPORATION Name	STOCKHOLDER (Corporation No.)*	CHANGES IN STOCK HOLDINGS DURING THE YEAR: Date	Changes: Shares Acquired: Voting	Changes: Shares Acquired: Nonvoting	Changes: Shares Disposed of: Voting	Changes: Shares Disposed of: Nonvoting	Shares Held at End of Year: Voting: Percent Voting Power	Shares Held at End of Year: Nonvoting: Percent of Shares
26.	Garfield Products Company, Inc.	11	9/1/65	10				100%	
27.	Groendyk Manufacturing Company, Inc.	1	7/9/65	250				100%	
28.	Linear, Incorporated	31	Various	220				99%	
30.	Old Indian Importing Ltd. (	5				250			
30.	(formerly Delta Canners, Inc.)(	11		250				100%	

*The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

Remarks:

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

(Date) (Signature of Officer) (Title)

CORPORATE SEAL

U.S. GOVERNMENT PRINTING OFFICE: 1965—O-764-934

FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return 3 of 4

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street) (City and State) (Postal ZIP code): 405 Lexington Avenue New York, New York 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

NO.	NAME AND ADDRESS OF CORPORATION	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR: Number of shares: Voting	Capital stock: Number of shares: Nonvoting	STOCK HOLDINGS AT BEGINNING OF YEAR: Voting: Number of Shares	Voting: Percent Voting Power	Nonvoting: Number of Shares	Nonvoting: Percent	Owned by Corporation Number—
1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
20. x	Cantrell & Cochrane Pittsburgh, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
21. x	Cantrell & Cochrane Syracuse, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
22. x	Cantrell & Cochrane Texas, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
23. x	Cantrell & Cochrane Virginia, Inc. 405 Lexington Ave., N.Y.C.	10		10	100%			5
24. x	Cantrell & Cochrane Wisconsin, Inc. 405 Lexington Ave., N.Y.C.	200		200	100%			5
25. x	GAI Real Estate & Development Corporation 405 Lexington Avenue., N.Y.C.	10		10	100%			1
26. x	Garfield Products Company, Inc. 405 Lexington Ave., N.Y.C.							
27. x	Groendyk Manufacturing Company, Inc. Bedford, Virginia							
28. x	Linear, Incorporated, Dallas Pennsylvania	183912		183262	99%			31

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION		STOCK-HOLDER (Corporation No.)*	CHANGES IN STOCK HOLDINGS DURING THE YEAR						
			Date	Changes				Shares Held at End of Year	
				Shares Acquired		Shares Disposed of		Voting	Nonvoting
No.*	Name			Voting	Nonvoting	Voting	Nonvoting	Percent Voting Power	Percent of Shares

*The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

Remarks: _____

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

(Date) _____ (Signature of Officer) _____ (Title) _____

CORPORATE SEAL

FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return 4 of 4

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street) (City and State) (Postal ZIP code): 405 Lexington Avenue New York, New York 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

NO.	NAME AND ADDRESS OF CORPORATION	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR: Number of shares: Voting	Number of shares: Nonvoting	STOCK HOLDINGS AT BEGINNING OF YEAR: Voting: Number of Shares	Voting: Percent Voting Power	Nonvoting: Number of Shares	Nonvoting: Percent	Owned by Corporation Number—
1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
29.	Lorraine Manufacturing Company, Inc. 50 West Hunter Ave., Maywood, N.J.	250		250	100%			31
30.	Old India Importing, Ltd. (formerly Delta Canners, Inc.) 405 Lexington Avenue, N.Y.C.	250		250	100%			5
31.	Rubatex Corporation Bedford, Virginia	25000	1	25000	100%			1
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION		STOCK-HOLDER (Corporation No.)*	CHANGES IN STOCK HOLDINGS DURING THE YEAR						
			Date	Changes				Shares Held at End of Year	
				Shares Acquired		Shares Disposed of		Voting	Nonvoting
No.*	Name			Voting	Nonvoting	Voting	Nonvoting	Percent Voting Power	Percent of Shares

* The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

Remarks: _____

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

_____ (Date) _____ (Signature of Officer) _____ (Title)

CORPORATE SEAL

U.S. GOVERNMENT PRINTING OFFICE: 1965—O—764-934

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

2. Applicant's Rights in Land

(a) 21 unpatented lode claims held by location, listed by book and page below, and 3 unpatented lode claims held by lease, a copy of which accompanies this application.

(b) Legal description of land.

The following unpatented lode claims, located in the Tiger Mining District, Yavapai County, Arizona, and recorded in the Official Records of the Yavapai County Recorder, Prescott, Arizona

Name of Claim				Book	Page	
Copper	Stack	No.	1	381	385	(Leased)
"	"	"	2	"	386	(Leased)
"	"	"	3	"	387	(Leased)
"	"	"	4	"	388	(Owned)
"	"	"	5	"	389	
"	"	"	6	"	390	
"	"	"	7	"	391	Remainder of claims-4 thru 24 are owned
"	"	"	8	"	392	
"	"	"	9	"	393	
"	"	"	10	"	394	
"	"	"	11	"	395	
"	"	"	12	"	396	
"	"	"	13	Amended 392	439	
"	"	"	14	" "	440	
"	"	"	15	" "	441	
"	"	"	16	"	442	
"	"	"	17	"	443	
"	"	"	18	"	444	
"	"	"	19	"	445	
"	"	"	20	"	446	
"	"	"	21	"	447	
"	"	"	22	"	448	
"	"	"	23	"	449	
"	"	"	24	"	450	

(c) 5 copies of Lien and Subordination Agreement enclosed. ? not found

Schedule B-2

OFFICIAL COPY
O. M. E.
RECEIVED
AUG 17 1966
INITIALS CODE
INDEXED

STATE OF ARIZONA, County of Yavapai—ss. 10609
I do hereby certify that the within instrument was filed and recorded at the request of Head & Palmer
on Aug 31 A.D., 1965 at 11:20 o'clock A M. Book 371 Official Records
Page 285-291 (incl) Records of Yavapai County, Arizona.
WITNESS my hand and official seal the day and year first above written.
FRANK C. BAUER, County Recorder.
By Evelyn D. Zaro, Deputy

MINING LEASE AND OPTION

This Mining Lease and Option, made and entered into this day by and between MARY BLEDSOE, a married woman, "Lessor" and the BASIN MINING CO., INC., an Arizona corporation having its principal place of business at Prescott, Yavapai County, Arizona, "Lessee".

WITNESSETH:

That for and in consideration of the mutual promises and undertakings hereinafter written, the Lessor agrees to lease, let and demise unto the Lessee, and said Lessee agrees to accept lease of all those certain unpatented lode mining claims located within the T I G E R Mining District, Yavapai County, Arizona, and more particularly described as follows, to-wit:

Copper Stack
Copper Stack #2
Copper Stack #3
the location notices of which are all recorded in the Yavapai County Recorder's Office in Book 65 of Official Records, page 584, Book 67 of Official Records, page 156 and Book 67 of Official Records, page 157, respectively,

for a term of ten (10) years, beginning August 25, 1965, and extending to but not including August 25, 1975, upon the following terms and conditions:

a. The Lessee shall pay to the Lessor a minimum royalty of Five (5%) per cent on all smelter or ore buyer net returns, which shall be defined to mean a payment of Five (5%) per cent of all returns received less freight and shipment charges and ore treatment charges at the smelter or ore buyer. Said minimum

royalties shall be paid directly from the ore buyer or smelter to the Lessor at an address to be furnished by said Lessor to the Lessee and shall be payable immediately upon the completion of the sale to the ore buyer or smelter without delay.

b. The Lessee shall perform at least forty eight-hour man shifts upon said property per month provided that excess work done in any one month over and above the required minimum of forty eight-hour man shifts may be carried forward to qualify the Lessee from month to month, providing that there shall be a total of at least 480 eight-hour man shifts performed on said property within any one year and said work shall not be carried forward from year to year.

c. The Lessee shall file an affidavit of assessment on said property for the year 1965 on or before September 1, 1965, and thereafter on or before September 1 of each successive year or at such time during the annual assessment year as the law may require; and all work, to comply with the requirements of said affidavit, shall be performed by said Lessee and completed at least fifteen (15) days prior to the expiration of the annual assessment year. Lessee shall furnish the Lessor with a conformed copy of the affidavit filed covering the annual assessment required herein.

d. Lessor shall sign notices of non-liability which shall be furnished by Lessee, and the Lessee shall record the original thereof in the Yavapai County Recorder's Office and shall post at least two copies of said non-liability notices upon the grounds being worked under the terms of this lease and as required under the provisions of such statutes in such cases made and provided, and shall keep said notices filed in accordance

BOOK 371 PAGE 286

with said law at all times during the performance of any work upon said premises.

e. Lessee shall be entitled to do any and all exploration and development work upon said premises as it may desire from time to time and shall be entitled to place upon said premises any and all improvements, buildings and other structures, and shall be entitled to move upon said premises any and all mining machinery and other equipment which may be required in connection with the operation of said mining venture and shall install same in any manner as it may desire. Lessee shall be entitled to remove any and all equipment, buildings and machinery which it has placed upon said premises for a period of ninety (90) days after the expiration of this lease for any reason. Lessee shall not remove any timbering, collars to shafts or underground rails or pipes from said premises. Failure on the part of the Lessee to remove equipment or other property as hereinabove described from said premises in the time as herein provided shall be considered as abandonment of said property on the part of the Lessee, and Lessor shall automatically become the owner thereof.

f. Lessee shall pay any and all taxes which may be charged against said property as a mining operation, including any and all mining machinery, equipment and improvements which it may place upon said premises, and said taxes shall not be a deductible item from the standpoint of the payment of the royalties as herein reserved to the Lessor.

g. Possession shall be given to the Lessee by the Lessor immediately upon the execution of this lease agreement

371 287

and the Lessee shall be entitled to peaceful possession of said premises during the life of this lease agreement, and the Lessor warrants and guarantees that there are no claimants who may oust the Lessee from said premises and agrees to defend said title at her own expense against anyone who may attempt to disprove the rightful title to said property as being in the Lessor.

h. It is further agreed and understood that at any time during this lease that the Lessee may be in full compliance with the terms hereof that the said Lessee may terminate this lease by giving to the Lessor written notice of its intent to terminate said lease at least thirty (30) days prior to the desired date of termination and by executing and delivering to the Lessor a Quit-Claim Deed to said premises covering all right, title and interest which the Lessee may have received by reason of this Agreement back to the Lessor from and after said date, and this lease shall be considered terminated and of no further force and effect.

OPTION TO PURCHASE

At any time during the term of this lease, the Lessee shall have a right to purchase the above described property for the sum of Sixty Thousand ($60,000.00) Dollars and shall be entitled to credit against the purchase price for all payments of actual royalties which have been received by the Lessor during the life of this lease and shall be entitled to a good and sufficient mining deed to said property upon the payment of said sum.

In the event that the Lessee elects to purchase said property prior to the expiration of the terms of this lease and

prior to the payment by actual royalties of the total purchase price of $60,000.00, then and in that event the Lessor and Lessee shall place the deed as herein provided for in escrow at the First National Bank at Prescott, Arizona, and all future payments of royalties as hereinabove provided shall be made to said bank as escrow agent, and upon the payment of the balance due of the total purchase price, said bank as escrow agent shall be authorized to deliver to the Lessee the deed as hereinabove set out. Said deed shall show that property is free and clear of all liens and encumbrances and all claims of any person whomsoever other than the U. S. Government's paramount title to said property.

The foregoing option to purchase shall be exercised by giving the Lessor notice in writing at least thirty (30) days prior to the desired date of the exercising of said option, and upon the exercising of said option in accordance with said notice, this lease and option shall be considered a purchase contract thereafter, and the payments shall be continued thereunder on the basis of minimum royalties as hereinabove provided. The original of this lease and option shall be placed with said escrow agent evidencing the change-over from the lease to the purchase contract.

Lessor and Lessee agree to execute and deliver any and all necessary instruments which may be required in connection with the completion and carrying out of the intent of the parties to this agreement.

TIME IS OF THE ESSENCE.

In the event that the Lessee should fail to make the payments as herein provided or should fail to perform any other

BOOK 371 PAGE 289

of the requirements herein required, then and in that event this lease and option shall be terminated both as to the lease and as to the option, and the Lessee shall have no further right, title or interest hereunder. Lessor shall have a right of re-entry and repossession of said premises, and after a period of ninety (90) days from the date of the termination of said lease, the Lessor shall be entitled to take possession and become the owner of any and all personal property which may be left upon said premises after said date.

The foregoing shall be the exclusive remedy of the Lessor.

This agreement shall be applied to and become binding upon the heirs, executors, administrators and assigns of the respective parties.

IN WITNESS WHEREOF, the parties have hereunto set their hands this 27 day of August, 1965.

Mary Bledsoe
LESSOR
Mary Bledsoe

Attest:

BASIN MINING CO., INC.

E. A. Ungicka
Secretary

LESSEE
President

STATE OF ARIZONA)
)
County of Yavapai)

This instrument was acknowledged before me by MARY BLEDSOE this 27 day of Aug, 1965.

My Commission Expires
[illegible] 31 1969

Notary Public

STATE OF ARIZONA)
)
County of Yavapai)

This instrument was acknowledged before me this 27 day of [illegible], 1965, by [illegible] and [illegible], who acknowledged themselves to be the President and Secretary, respectively, of the BASIN MINING CO., INC., an Arizona corporation, for purposes and considerations indicated, having authority so to do.

My Commission Expires
[illegible] 3, 1967

Notary Public

BOOK 371 PAGE 291

P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

August 4, 1966

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

3. Physical Description

(a) Exploration operations to date have consisted of bulldozer cuts and roads, as shown on the accompanying map, and one just completed diamond drill hole, also shown on the map. No mining operations have been conducted on the property.

(b) The exploration operations described above were done at the expense of the applicant.

(c) No current production.

(d) No definitely known ore reserves, at this time.

(e) Geologically, the property consists entirely of Pre-Cambrian Yavapai schist, with a north-northeast strike and a dip to the west of 60 degrees. Several hundred feet, in width, of this schist belt have been silicified and mineralized by pyrite and chalcopyrite, in disseminated form, and the deposit can be classed a pyritic replacement in schist, similar to others in the general area. The mineralized schist consists of pyrite, chalcopyrite, chlorite, a great deal of cryptocrystalline quartz, calcite, dolomite, and a little sericite and hornblende. Appreciable gold and silver values occur in the pyrite. In general this mineralized schist is low grade material, but there is evidence of the existence of zones of higher grade material, conforming with the general schistosity, which will be described in the following paragraph.

(f) A 27½ feet wide zone of this higher grade material, exposed in the largest bulldozer cut, and shown on the map, was sampled July 13, with results shown on the accompanying assay report. The sample was cut with a carbide moil. Weighted average of the result indicate values of .02 o/t gold, 0.54 o/t silver, and 1.15% copper across the 27½ feet. The ore is mixed oxide and sulfide, some of it in massive pods, but generally very hard siliceous material, and is approximately 30 feet below the original surface. The schist on both sides of this zone is mineralized, and it is entirely within the realm of possibility that a considerably greater width than the 27½ feet could be classed as ore, under present economic conditions. Diamond drilling appears to be the most suitable exploration method. Core recovery in the recently completed hole was excellent, between 95 and 100%.

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MINING CONSULTANTS EXAMINATIONS OPERATIONS

BASIN MINING COMPANY, Inc.

FIFTH & NAVAJO — P. O. BOX 1742
PRESCOTT, ARIZONA
PHONE 445-6975 — AREA CODE 602

GREAT AMERICAN MINERALS CORP.
CHRYSLER BLDG
NEW YORK, N.Y.

GENERAL GEOLOGY

The immediate and surrounding area of the claims is composed of a highly complex distribution of igneous, sedimentary and metamorphic rock formations.

The Western and Eastern contacts of the claims is composed of a gneissic granite with some inclusions by schist.

These massive granites were evidently formed by tertiary volcanic activity, and stand above the elongated length and width of the Yavapai schist.

The schist zone that strikes some 20° East of North is a sedimentary origin, and is composed of a variation of hornblende schist accompanied by silicious lenses of quartzite, limestones, chlorite, andalusite and magnetite of iron.

The metamorphic cycle of mineralization of these amphibolitic schists was evidently attributed to the late tertiary epoch during the intrusive activity of the quartz Diorites and associated quartz monzonites, rhyolites and andesites.

There is some evidence of the large crystals of the rhyolite parphry included in sections of the schist which would account for the acidulation process during the metamorphic cycle.

The thermal solutions associated with the quartz Diorite and related intrusives seem to have filled the fissures and voids in these schists of least resistance and developed the mineral values in the rocks adjacent to the contacts.

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This type of deposition has developed a series of vein and fissure filling in the massive schists that lie between the intrusives and produce large ore bodies with medium to milling grade ore values.

MINERALS

The minerals that compose the vein systems are classified as economic ores, and in this deposit the main values are gold, silver and copper and othermetallic minerals that are not of themselves valuable, however, they do mechanically contain free gold and silver and are pyrite, sphalerite, magnetite and pyrrhotite.

The non-metallic gangue minerals that accompany the mineral producing areas were noted as Quartz, siderite, chalcedony, calcite, dolomite, chlorite and hornblende as well as some tourmaline species.

The secondary minerals which were formed in the surface and top mantle zones of weathering is the limonite, cerargyrite, hematite, pyrolusite, native copper, chrysocalla, malachite, azurite and variations of volcanic clay precipitants from the erosion and weathering of the igneous rocks.

Most of the veins and fissures follow the trend of the schist formations which is northerly and southerly in these claims.

The dip of the veins and fissures conforms to the high angle dip of the schist which is in variations from 70 to 80 degrees on a west 10 degrees south Structure.

Development of a face of ore across a 25 foot width of an outcrop of schist 200 feet above the lower road area shows the heavy carbonate and oxide values from surface weathering and oxidation, however, at 10 foot depths the

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sulphide ore takes over in 50% of the values.

It is estimated from these indications and from cuttings from dill holes at another 10 foot depth, that 75% of the ore is sulphides in both copper and silver with gold in association in mechanical state, as well as in silphide reaction.

Respectfully submitted,

Tom Beard

TOM BEARD
Consulting Geologist

XERO COPY XERO COPY XERO COPY XERO COPY

HAWLEY & HAWLEY
ASSAYERS AND CHEMISTS, INC.
1700 W. GRANT RD. • BOX 5934 • 622-4836
TUCSON, ARIZONA 85703

BRANCHES
DOUGLAS, ARIZONA
HAYDEN, ARIZONA
EL PASO, TEXAS
AMARILLO, TEXAS

IDENTIFICATION		GOLD OZS	SILVER OZS	LEAD %	COPPER %	ZINC %	MO. %	IRON %	MoS_2	
CS1 - 1	$4\frac{1}{2}$'	0.060	0.98		2.30					
CS1 - 2	10'	0.020	0.66		1.80					
CS1 - 3	13'	0.010	0.29		0.81					
Composite of CS1 -1, -2, and -3									< .001	
Weighted Average across full	$27\frac{1}{2}$'	0.02	0.54		1.15	DSO'L				
" " across best	$14\frac{1}{2}$'	0.03	0.76		1.46	DSO'L				

CC: Mr. D. S. O'Leary
ADD: P. O. Box 1041
CITY: Wickenburg, Arizona
DD:
CITY:

REMARKS:

"Special"

ANALYSIS CERT. BY Serano

Compositing	.60
Pulverize only PREPARATION $	1.50
ANALYSIS $	19.50
$	21.60

ACC: D. S. O'LEARY

DATE SPL RECEIVED 7/18/66 | DATE COMP'D 7/22/66 | WIC 331875

LONG BEACH
3310 AIRPORT WAY
BOX 16026, LONG BEACH 90806

FROM	DIAL
LONG BEACH	(213) 426-3355
LOS ANGELES	(213) 636-2386
ORANGE COUNTY	(714) 828-6432

SANTA ANA
1514-D N. HARPER ST. 92703
JEFFERSON 1-2045

Twining Laboratories of Southern California, Inc.

INSPECTION & MATERIAL ENGINEERING
CHEMICAL & PHYSICAL ANALYSIS
RESEARCH & ENVIRONMENTAL TESTING
CORROSION RESEARCH & ANALYSIS

Examination CH66-612 A

July 28, 1966

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Concentrates -40 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
3.32	27.8	7.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

KT/bq

cc: 3

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CORROSION RESEARCH & ANALYSIS

Examination CH66-612 D

July 28, 1966

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Concentrates -12 + 20 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
4.74	3.6	0.6

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

KT/bq

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CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 G

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Middlings -40 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
14.98	3.4	2.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

KT/bq

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RESEARCH & ENVIRONMENTAL TESTING
CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 E

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Middlings -12 + 20 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
4.86	4.2	0.2

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

KT/bq

cc: 3

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ORANGE COUNTY	(714) 828-6432

SANTA ANA
1514-D N. HARPER ST. 92703
JEFFERSON 1-2045

Twining Laboratories of Southern California, Inc.

INSPECTION & MATERIAL ENGINEERING

CHEMICAL & PHYSICAL ANALYSIS

RESEARCH & ENVIRONMENTAL TESTING

CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 H

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Tails -40 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
1.41	2.4	5.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

KT/bq

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INSPECTION & MATERIAL ENGINEERING
CHEMICAL & PHYSICAL ANALYSIS
RESEARCH & ENVIRONMENTAL TESTING
CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 C

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Tails -12 + 20 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
1.15	0.4	1.2

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

KT/bq

cc: 3

ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS, AUTHORIZATION FOR PUBLICATION OF OUR REPORTS, CONCLUSIONS, OR EXTRACTS FROM OR REGARDING THEM IS RESERVED PENDING OUR WRITTEN APPROVAL AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES

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LONG BEACH
3310 AIRPORT WAY
BOX 16026, LONG BEACH 90806

FROM	DIAL
LONG BEACH	(213) 426-3355
LOS ANGELES	(213) 636-2386
ORANGE COUNTY	(714) 828-6432

SANTA ANA
1514-D N. HARPER ST. 92703
JEFFERSON 1-2045

Twining Laboratories of Southern California, Inc.

INSPECTION & MATERIAL ENGINEERING
CHEMICAL & PHYSICAL ANALYSIS
RESEARCH & ENVIRONMENTAL TESTING
CORROSION RESEARCH & ANALYSIS

Examination CH66-612

July 28, 1966

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of eight (8) samples for copper, silver and gold content. Samples delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

#1	Concentrates	-40 mesh
#2	Tails	-20 + 40 mesh
#3	Tails	-12 + 20 mesh
#4	Concentrates	-12 + 20 mesh
#5	Middlings	-12 + 20 mesh
#6	Tails	-20 + 40 mesh
#7	Middlings	-40 mesh
#8	Tails	-40 mesh

TEST RESULTS:

Sample	Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
#1	3.32	27.8	7.4
#2	3.08	1.6	1.6
#3	1.15	0.4	1.2
#4	4.74	3.6	0.6
#5	4.86	4.2	0.2
#6	2.68	0.8	0.2
#7	14.98	3.4	2.4
#8	1.41	2.4	5.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith L. Thomas

Keith Thomas

KT/bq

cc: 3

ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS. AUTHORIZATION FOR PUBLICATION OF OUR REPORTS, CONCLUSIONS, OR EXTRACTS FROM OR REGARDING THEM IS RESERVED PENDING OUR WRITTEN APPROVAL AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES.

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P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

4. Accessibility of Property

(a) Mr. Tom Beard, P. O. Box 1742, Prescott, Arizona, Tele. 602-445-6975, is in charge of the property, and should be contacted for a visit.

The property may be reached by turning southeast off of U. S. 89 at Kirkland Junction, between Prescott and Congress, Arizona, and proceeding about 35 miles on the road to Crown King. Travel by passenger car is possible but not recommended. Jeep or pick-up truck vehicles are more suitable. A jeep is required for travel on the property itself.

(b) Shipping point would probably be Kirkland, a station on a branch line of the Santa Fe, located about 40 miles from the property.

(c) The property is located in Sections 3 and 4, T9N, R1W, and Section 34, T10N, R1W, which is unsurveyed, in the Tiger Mining District, Prescott National Forest, Yavapai County, Arizona.

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DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

5. Exploration Work

(a) Proposed exploration work consists of 10,000 feet of diamond drilling, BX wire line, at an angle of 45° from the horizontal, holes spaced 800 feet apart along the strike of the mineralized zone. Drill sites will be located near the west side of the property, will be directed easterly to cut the mineralized zone, and will be about 1000 feet deep. (See enclosed section and map).

(b) Access road will be built at the expense of the applicant, with a bulldozer and whatever drilling and blasting is required. Location will be approximately as shown on the map.

(c) Time required for the project is estimated at 6 months, or about 2000 feet of diamond drilling per month when the project is in full swing.

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Great American Minerals Corp
CHRYSLER BLDG
NEW YORK NY

RESUME

William Thomas Beard , Post Office Box I742, Prescott, Arizona

Born September 3, I9II, Marble Falls, Texas, son of Mr. Omer De Witt Beard and Clara Laurina Mills.

Graduate Chino High School, Chino, California I929

Attended Stevens School, Christian Lay Group of Natural Scientists. Two Year program, receiving a certificate of performance in natural sciences I932

Received a degree of PH.D. from the National Chromo and Electronic Instsitute, San Francisco, California I932, for design and theory of mineral separation by the Electro Static - Electro Magnetic and High Frequency process.

Subscribed to Extension Courses in Mining from Columbia University, I933

EXPERIENCE

May I966 to June I963 - Engaged in exploring and developing varied mining properties in Arizona for my personal account, and with The Joplin Industries Inc. Albuquerque, New Mexico.

June I963 to February I963 - Retained by the Canyon State Mining Corporation, and The Copper Queen Mining Corporation in the field examination and exploration of iron mines and copper claims. My association was also as a stockholder in these companys.

January I963 to January I962 - Limited Partner with Oreco Mines Company , Los Angeles, California acting as a general appraiser and supervised the reconniassance work on mining claims.

General Partner with The Western Poly Chemical Company in the processing of agricultural Minerals at Fontana, California.

I96I to I960 - General Partner with The Quintex Company, or El Monte, California doing investigation into Berylium mine prospects.

Stockholder and field man for The East Range Mines, Inc. of Lovelock, Nevada doing exploration and development of the Henrietta patented mine, Kennedy Mining District, Pershing County, Nevada

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I960 to I959 - Field man for The Mount Union Mines Corp. of Los Angeles, and San Francisco, California, Mr. Harold Marconda, President. Made examinations and evaluations on mining properties in California, Nevada, Arizona and Utah.

Made reconnaissance on mines in Mexico for Merrill W. Mac Afee ,Consulting Engineers of Los Angeles, California.

I958 to I957 - General partner and field man for The Cobre Grande Mining Company of Los Angeles, California and Safford, Arizona. Work consisted doing the development of copper claims in The Graham Mountains area of Arizona.

Associated with Mr. Merrill W. Mac Afee , Consulting Mining Engineers in the evaluation of mines in Arizona, California and Nevada.

I956 to I953 - Vice President of Union Minerals and Chemical Corporation, Los Angeles, California. Company operations were in the exploration and development of agricultural Minerals.

I952 to I950 - Associate and General Partner of Mexar Mining Company, and the Mesquite Mining Company of Arizona and of Sonora Mexico. Made explorations and developed gold mines and sulfur properties in Sonora and Baja , California for the agricultural mineral trade.

I949 to I948 - Board member and stockholder in Boulder Industrial Minerals Corporation, Las Vegas, Nevada. Exploration of Copper, Lead , and Silver mines in Nevada.

I947 to I945 - President of Midwestern Fertilizer Corporation Reno, Nevada and Phoenix, Arizona. Developed Phosphate lands in Idaho, Gypsum beds in Nevada and Utah, Sulfur in Utah and shipped to the agricultural trade in California and Arizona.

I944 to I942 - Commissioned First Lieutenant in Army of The United States, Washington D. C. through Mr. Ted Rogers and Mr. John Lawrence of the American Trucking Association. Served in the Far East and Middle East Theatre of War.

I94I - Operating Engineer at Navajo Ordnance Depot, Belmont, Arizona in the production of Volcanic Cinders.

I940 -Operating Engineer and Pre-flight master of Morton Air Academy, Blythe, California in training primary instruction to air cadets.

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I939 - Commissioned by Prince Fredrico De Palacio of Spain to investigate his Spanish Grant holdings in the Adair Bay area of Lower California and Sonora Mexico for the deposition of possible minerals occurance.

I938 to I935 - Owner and operator of Inter - State truck line between California and Arizona, and mining and in shipping agricultural minerals of Marl and Gypsum and Limestone to the agricultural trade.

I934 - General Field Superintendant for Pestco Laboratories, Inc. San Bernardino, California, dealing in minerals and in the application of pest control chemicals to the farming areas of Southern, California.

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P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

7. Estimate of Costs

(a) Independent Contracts

Estimated costs per foot of diamond drilling, based on bids of two reputable contract drilling companies, copies of which are enclosed, are at best about $8.00/foot, due to the hard material to be cored.

10,000 feet at 8.00/foot	$80,000 +

(b) Personal services

Freight and assaying charges for this 10,000 feet, most of which will be assayed

10,000 feet at $1.00/foot	$10,000

Engineering, including surveying drill sites, supervision and logging of drilling, sample preparation, and outside consultation, if necessary. $10,000 1 mo

Total cost of program	$100,000

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

Boyles Bros.
DRILLING COMPANY
CONTRACTORS-ENGINEERS-GEOLOGISTS

10801 North 21st Avenue
PHOENIX, ARIZONA 85020
Phones: Office 944-1731
Home 948-2009

General Offices and Plant
1624 Pioneer Road P. O. Box 58
SALT LAKE CITY, UTAH 84110
Phone 487-7595

BRANCH OFFICES
PHOENIX
RENO
SPOKANE
DENVER
SACRAMENTO
SANTIAGO, CHILE
LIMA, PERU

August 1, 1966

Mr. D. S. O'Leary
Great American Industries
P.O. Box 1041
Wickenburg, Arizona

Dear Mr. O'Leary:

For your anticipated drilling on the Copperstack Property near Crown King, Yavapai County, we submit the following prices.

1. Mobilization --- $ 500.00

2.

Drilling	BXWL	NXWL	NC or Collar Pipe
0 to 500 ft.	7.60	8.20	9.00
500 to 1000 ft.	8.20		

3. Cementing, if necessary, $ 12.50 per hour plus cost of cement, or cement substitutes including drilling mud and chemicals.

4. Water truck rental of $ 225.00 per month, plus .15 cents a mile. Water to be hauled from your source of supply.

5. Casing lost or left in hole at your request to be charged for at list price F.O.B. job site.

6. Access roads and drill stations to be furnished by you at no cost to us.

Thanks for asking our prices.

Sincerely yours,

J. E. Roberts
District Manager

JER/tk

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E. J. LONGYEAR COMPANY
308 EAST PIMA STREET
PHOENIX, ARIZONA 85004
PHONE 258-6543
GEN. OFFICE - MINNEAPOLIS, MINN.

August 5, 1966

Great American Industries
Box 1041
Wickenburg, Arizona

Attention: Mr. D. S. O'Leary
Consulting Geologist

SUBJECT: PROPOSAL COVERING PLANNED CORE DRILLING ACTIVITY, COPPERSTACK PROPERTY, VICINITY CROWN KING, ARIZONA

Gentlemen:

1. In response to your recent request, we are pleased to forward our proposal covering drilling activity in the above subject area.

2. Our understanding of your project is as follows:

The drilling program is expected to consist of a minimum footage of 6,000 linear feet, possibly 10,000 linear feet in NX, BX and AX size drill holes averaging 700 to 800 feet in total depth. Inclination of holes will not be flatter than 45 degrees.

The formation to be drilled consists mainly of highly siliceous rock types.

Water for drilling purposes is obtainable from a creek that intersects the property and will require haulage by water truck from the source to the various drill sites.

Great American Industries will prepare the necessary drill and service access roads to the drill sites and, if required, will maintain the roads.

Living facilities for personnel is non-existent in the area and will require the establishment of mobil homes in the area or commuting from available housing at the nearest towns.

3. For the drilling program as planned, we would propose to furnish two each Longyear drilling machines together with all the required equipment. Where possible, we would attempt to operate each rig on a two shift basis per day, six days per week.

4. We will carry public liability insurance covering personal injury and property damage, and Workmen's Compensation insurance and also all-risk insurance on the drilling equipment protecting against loss by theft, fire, flood, landslides and other similar hazards. Certificates showing the coverage referred to will be furnished upon request.

5. Based upon conditions anticipated to prevail in this work, we are pleased to quote as follows:

a) Mobilization and demobilization of personnel and drilling equipment.....$395.00 per rig lump sum

b) Overburden drilling -
0 to 50 feet in depth.....$6.95 per foot

c) Core drilling - angle holes 45 degrees or steeper -

	NX WL	BX WL	AX WL
0 to 500 feet in depth.....	$9.55/ft.	$8.95/ft.	$8.50/ft.
500 to 1,000 feet in depth.....	-0-	$9.45/ft.	$9.00/ft.

Plus other items of expense as outlined below.

d) Reaming, where applicable, all sizes involved.....$4.95 per foot

e) Casing or pipe lost through normal drilling operations or left in holes at your request will be invoiced at our replacement cost, job site basis.

f) Time spent by crews setting and pulling casing, performing cementing activity, mixing drill mud or performing other hole stabilizing or hole plugging activity will be invoiced at.....$15.30 per hour with 2-man drill crew.

g) Cement, drill mud, additives or other hole stabilizing or hole plugging material consumed in the program will be invoiced at our cost, F.O.B. job site basis, plus a 10% handling fee.

h) Standby time or delays for your convenience or for which you are responsible will be invoiced to you at.....$14.75 per hour with 2-man drill crew.

i) In preparing the price schedule outlined under both the drilling and reaming sections, we assume the diamond bit cost will average $2.00 per foot. In the event diamond bit cost exceeds the allowed amount of $2.00 per foot, it is understood and agreed that such overage of allowable cost will be invoiced to you.

Cost of diamond bit items will be determined by using $8.50 per carat diamonds, plus applicable setting charges divided by the footage drilled.

j) Water truck service will be provided on the following basis:

(1) Water truck rental charge.....$250.00 per month plus 15¢ per mile traveled while engaged in water hauling activity.

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(2) Where possible, we would expect to use the drill helper for the purpose of driving the water truck. As long as this arrangement can be maintained without subjecting the drilling to excessive delays, no charge will be made for his service. However, if it should become necessary to employ a separate, full time water truck driver in order to amply supply the drill(s) with drill water, we would invoice an additional charge of $4.00 per hour to cover the resultant additional wages, payroll taxes and other related expenses involved.

(3) It is further understood that you will provide free of cost, a suitable nearby source of water together with properly prepared water truck service roads from the source to the various drill sites. Such roads will be prepared so that they can be easily negotiated by standard 2-wheel drive water trucks.

	NX Size	BX Size	AX Size
k) Core boxes, cardboard type, capacity ten feet of core.....	$1.05ea	$0.95ea	$0.85ea

6. Cores and/or samples will be turned over to your representative at the drill sites in containers furnished by you or by the Longyear Company as outlined above.

7. Statements will be submitted promptly after the first of the month which covers all work performed during the previous month. Payment will become due fifteen days from date of statement.

8. If we are selected to perform this program, it is understood and agreed that financial arrangements acceptable to the Longyear Company will be made by you prior to the commencement of mobilizing operations. Such arrangements would either consist of a prepayment of the work involved or the establishment of other acceptable invoice payment arrangements when submitted by the Longyear Company. We estimate the total cost of the maximum program will exceed $100,000.00.

9. We appreciate the opportunity to submit this proposal for your acceptance. If you find it satisfactory, please have the person with the proper authority sign in the space provided, return the original signed copy to us and retain the additional copies for your files.

Sincerely,

E. J. LONGYEAR COMPANY

J. R. Miller

Manager, Southwestern Zone
Contract Drilling Division

J.R.Miller:jag

ACCEPTED:
Company_____

By_____

Date_____

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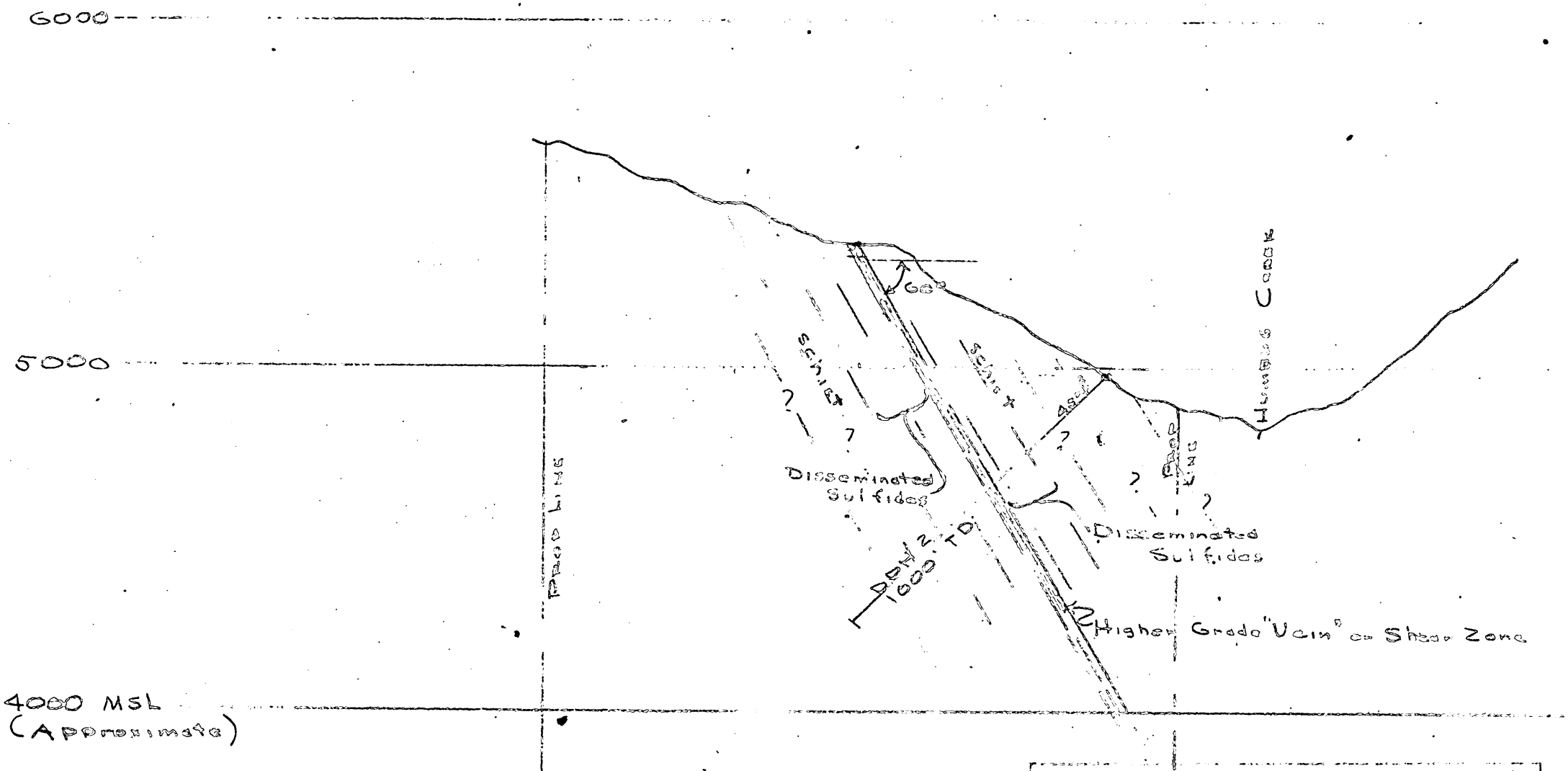

1" = 400

E-W SECTION (580E)
AT PROPOSED DDH 2
LOOKING SOUTHERLY
SHOWING PRESUMED
GEOLOGY

D.S.O'L. 8-1-66

OFFICIAL COPY
O. M. B.
FILMED
G 17 1966
INITIALS CO.F

Registered Professional Engineer (Geologist)
Province of Ontario
Canada
DEC 31 1966

extra

MME Form 40
July 1962

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Budget Bureau No. 42-R1188
Approval expires Dec. 31, 1963

INITIAL CODE

AUG 17 1966
O. M. E.
RECEIVED

OFFICIAL COPY

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.)*

Great American Minerals Corporation
Chrysler Building- 62nd Floor
New York , New York 10017

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6569

DATE RECEIVED 8-17-66

REGION III

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL
- CORPORATION *
- PARTNERSHIP
- OTHER *(Specify)*

STATE IN WHICH FIRM IS ORGANIZED Florida

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Walter S. Mack	62nd Floor- Chrysler Bldg. New York, New York	Chairman of the Board & President
A. Mele	" "	Treasurer& Secretary
E. Pass	" "	Asst. Sec'y-Treas.

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
Copper, gold, and silver

ESTIMATED COST OF PROJECT
$ 100,000

PROPERTY NAME	LOCATION COUNTY	STATE
Copper Stack	Yavapai	Arizona

GENERAL INSTRUCTIONS

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

CERTIFICATION

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

8/15/66
DATED

BY (Signature)

President
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.

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ROYAL NATIONAL BANK OF NEW YORK
1212 AVENUE OF THE AMERICAS
NEW YORK, N.Y. 10036

August 11, 1966

Great American Minerals Corp.,
Chrysler Building,
405 Lexington Ave.,
New York, N. Y.

Att: Mr. Walter S. Mack

Dear Mr. Mack:

Replying to your letter of July 28, 1966, we regret to advise you that this bank will be unable to grant your loan application to enable you to meet some of your drilling and exploration costs at the Copper Stack Mine in Arizona.

We would like to be of help to you but, unfortunately, the present market conditions prohibit us from engaging in this type of financing. Perhaps it may be possible for you to obtain some assistance from one of the government agencies. We suggest you look into the matter.

Very truly yours,

William Goldfine

William Goldfine
President

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July 28, 1966

Royal National Bank
1212 Avenue of the Americas
New York, N. Y.

Attention: President

Gentlemen:

we are the owners of mining claims known as the Copperstack Mine, in the Tiga mining district, Yavapai County, Arizona, consisting of approximately 21 unpatented lode claims, which have indications of copper, gold and silver.

We are in the process of proceeding to diamond drill the property in order to prove up an estimate of tonnage and values.

We would like to borrow, if possible, against this property, approximately $100,000 in order to pay for the drilling and exploration costs, and would appreciate advice from you as to whether you would be able to handle this financing for us as one of our principal banking connections and, if not, could you advise us how you think we could get such financing.

Yours very truly,

GREAT AMERICAN MINERALS CORPORATION

Walter S. Mack
President

WSM:ss

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FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street) (City and State) (Postal ZIP code): 405 Lexington Avenue New York, New York 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

NO.	NAME AND ADDRESS OF CORPORATION	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR — Number of shares — Voting	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR — Number of shares — Nonvoting	STOCK HOLDINGS AT BEGINNING OF YEAR — Voting — Number of Shares	STOCK HOLDINGS AT BEGINNING OF YEAR — Voting — Percent Voting Power	STOCK HOLDINGS AT BEGINNING OF YEAR — Nonvoting — Number of Shares	STOCK HOLDINGS AT BEGINNING OF YEAR — Nonvoting — Percent	Owned by Corporation Number—
1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
2.	A-OK Products Corporation 405 Lexington Avenue, N.Y.C.	800		800	100%			1
3.	Bedford Diesel Service, Inc. Bedford, Virginia							
4.	Bondtex, Inc. Bedford, Virginia	10,000		10,000	100%			1
5.	Cantrell & Cochrane Ltd., Inc. 405 Lexington Avenue, N.Y.C.	100,000		100,000	100%			1
6.	Cantrell & Cochrane Atlanta, Inc. 405 Lexington Avenue, N.Y.C.	200		200	100%			5
7.	Cantrell & Cochrane Baltimore, Inc. 405 Lexington Avenue, N.Y.C.	200		200	100%			5
8.	Cantrell & Cochrane Birmingham, Inc. 405 Lexington Avenue, N.Y.C.	10		10	100%			5
9.	Cantrell & Cochrane Boston, Inc. 405 Lexington Avenue, NYC.	200		200	100%			5
10.	Cantrell & Cochrane Cincinnati, Inc. 405 Lexington Avenue, N.Y.C.	200		200	100%			5

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION		STOCK-HOLDER (Corporation No.)*	CHANGES IN STOCK HOLDINGS DURING THE YEAR						
				Changes				Shares Held at End of Year	
				Shares Acquired		Shares Disposed of		Voting	Nonvoting
No.*	Name		Date	Voting	Nonvoting	Voting	Nonvoting	Percent Voting Power	Percent of Shares
3.	Bedford Diesel Service, Inc.	1	9/22/65	50				100%	
*	Cantrell & Cochrane Charlotte, Inc.	5	8/31/65			200			
11.	Cantrell & Cochrane Corporation	5	9/1/65	10,000				100%	
26.	Garfield Products Company, Inc.	1	4/5/65	10					
26.	" " " "	1	9/1/65			10			

*The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

*Name changed to Cantrell & Cochrane Corporation.

Remarks:

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

(Date) (Signature of Officer) (Title)

CORPORATE SEAL

FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street) (City and State) (Postal ZIP code): 405 Lexington Avenue New York, New York 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

NO.	NAME AND ADDRESS OF CORPORATION	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR — Number of shares — Voting	Number of shares — Nonvoting	STOCK HOLDINGS AT BEGINNING OF YEAR — Voting — Number of Shares	Voting — Percent Voting Power	Nonvoting — Number of Shares	Nonvoting — Percent	Owned by Corporation Number—
1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
11. x	Cantrell & Cochrane Corporation (formerly Cantrell & Cochrane Charlotte, Inc.) 405 Lexington Ave., N.YC.	200		200	100%			5
12. x	Cantrell & Cochrane Detroit, Inc. - 405 Lexington Ave., N.Y.C.	10		10	100%			5
** 13. x	Cantrell & Cochrane Florida, Inc. - 405 Lexington Ave., N.Y.C.	50		50	100%			5
**	In 1966 name changed to Great American Minerals Corporation.							
14. x	Cantrell & Cochrane Illinois, Inc. - 405 Lexington Ave. N.Y.C.	10		10	100%			5
15. x	Cantrell & Cochrane Memphis, Inc. 405 Lexington Avenue, N.Y.C.	200		200	100%			5
16. x	Cantrell & Cochrane Minnesota, Inc. 405 Lexington Avenue, N.Y.C.	200		200	100%			5
17. x	Cantrell & Cochrane New Orleans, Inc. 405 Lexington Avenue, N.Y.C.	200		200	100%			5
18. x	Cantrell & Cochrane Omaha, Inc. 405 Lexington Avenue, N.Y.C.	100		100	100%			5
19. x	Cantrell & Cochrane Philadelphia, Inc. 405 Lexington Avenue, N.Y.C.	200		200	100%			5

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION No.*	CORPORATION Name	STOCKHOLDER (Corporation No.)*	CHANGES IN STOCK HOLDINGS DURING THE YEAR: Date	Changes: Shares Acquired: Voting	Changes: Shares Acquired: Nonvoting	Changes: Shares Disposed of: Voting	Changes: Shares Disposed of: Nonvoting	Shares Held at End of Year: Voting: Percent Voting Power	Shares Held at End of Year: Nonvoting: Percent of Shares
26.	Garfield Products Company, Inc.	11	9/1/65	10				100%	
27.	Groendyk Manufacturing Company, Inc.	1	7/9/65	250				100%	
28.	Linear, Incorporated	31	Various	220				99%	
30.	Old Indian Importing Ltd. (	5				250			
30.	(formerly Delta Canners, Inc.)(	11		250				100%	

*The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

Remarks:

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

(Date) (Signature of Officer) (Title)

CORPORATE SEAL

FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return 3 of 4

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street) (City and State) (Postal ZIP code): 405 Lexington Avenue New York, New York 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

NO.	NAME AND ADDRESS OF CORPORATION	CAPITAL STOCK OUTSTANDING AT BEGINNING OF YEAR: Number of shares: Voting	Number of shares: Nonvoting	STOCK HOLDINGS AT BEGINNING OF YEAR: Voting: Number of Shares	Voting: Percent Voting Power	Nonvoting: Number of Shares	Nonvoting: Percent	Owned by Corporation Number—
1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
20. x.	Cantrell & Cochrane Pittsburgh, Inc. - 405 Lexington Ave N.Y.C.	200		200	100%			5
21. x.	Cantrell & Cochrane Syracuse, Inc. - 405 Lexington Ave. N.Y.C.	200		200	100%			5
22. x.	Cantrell & Cochrane Texas, Inc. - 405 Lexington Ave., N.Y.C.	200		200	100%			5
23. x.	Cantrell & Cochrane Virginia, Inc. - 405 Lexington Ave. N.Y.C.	10		10	100%			5
24. x.	Cantrell & Cochrane Wisconsin, Inc. - 405 Lexington Ave. N.Y.C.	200		200	100%			5
25. x.	GAI Real Estate & Development Corporation - 405 Lexington Ave., N.Y.C.	10		10	100%			1
26. x.	Garfield Products Company, Inc. 405 Lexington Avenue, N.Y.C.							
27. x.	Groendyk Manufacturing Company, Inc. Bedford, Virginia							
28. x.	Linear, Incorporated Dallas, Pa.	183912		183262	99%			31

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION		STOCKHOLDER (Corporation No.)*	CHANGES IN STOCK HOLDINGS DURING THE YEAR						
			Date	Changes				Shares Held at End of Year	
				Shares Acquired		Shares Disposed of		Voting	Nonvoting
No.*	Name			Voting	Nonvoting	Voting	Nonvoting	Percent Voting Power	Percent of Shares

*The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

Remarks: _____

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

_____ (Date) _____ (Signature of Officer) _____ (Title)

CORPORATE SEAL

U.S. GOVERNMENT PRINTING OFFICE: 1965—O—764-934

FORM 851
(Rev. Mar. 1965)

U.S. Treasury Department—Internal Revenue Service

AFFILIATIONS SCHEDULE

To be filed with each Consolidated Income Tax Return 4 of 4

TAXABLE YEAR ENDED December 31, 1965

Common parent corporation: Great American Industries, Inc.

Employer identification number: 34-0802616

Address (Number and street): 405 Lexington Avenue

(City and State): New York, New York

(Postal ZIP code): 10017

An affiliated group of corporations, within the meaning of section 1504 of the Internal Revenue Code, is formed at the time that the common parent corporation which is an includable corporation becomes the owner directly of stock possessing at least 80 percent of the voting power of all classes of stock and at least 80 percent of each class of the nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends) of another includable corporation. A corporation becomes a member of such an affiliated group at the time that one or more members of such group become the owners directly of stock possessing at least 80 percent of the voting power of all classes of its stock and at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). A corporation ceases to be a member of such an affiliated group at the time that the members of such group cease to own directly stock possessing at least 80 percent of the voting power of all classes of its stock, or at least 80 percent of each class of its nonvoting stock (not including nonvoting stock which is limited and preferred as to dividends). See sections 1501 through 1504 of the Internal Revenue Code and regulations pertaining thereto.

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1.	Common parent corporation	x x x	x x x	x x x	x x x	x x x	x x x	x x x
	Subsidiary corporation:							
29.	Lorraine Manufacturing Company, Inc. 50 West Hunter Avenue, Maywood, N.J.	250		250	100%			31
30.	Old India Importing, Ltd. (formerly Delta Canners, Inc.) 405 Lexington Avenue, N.Y.C.	250		250	100%			5
31.	Rubatex Corporation Bedford, Virginia	125000		125000	100%			1
32.								
33.								
34.								
35.								
36.								

Nonvoting stock which is limited and preferred as to dividends should not be shown, but information relative to the nature of the limitation and preference as to dividends should be furnished on back under "Remarks" regarding all classes of nonvoting stock not shown.

If more than one class of nonvoting stock is outstanding, the number of shares of each class should be shown.

List all corporations which at any time during the taxable year were members of the affiliated group. If any corporation was not in existence at the beginning of the year, show the stock outstanding at date issued.

CHANGES IN STOCK HOLDINGS DURING THE YEAR

CORPORATION		STOCK-HOLDER (Corporation No.)*	CHANGES IN STOCK HOLDINGS DURING THE YEAR						
			Date	Changes				Shares Held at End of Year	
				Shares Acquired		Shares Disposed of		Voting	Nonvoting
No.*	Name			Voting	Nonvoting	Voting	Nonvoting	Percent Voting Power	Percent of Shares

*The number used must agree with the Corporation number on front.

In case additional stock was issued, or if any stock was retired during the year, dates and amounts of such transactions should be shown.

If the equitable owners of any capital stock shown above were other than the holders of record, full particulars must be given.

Remarks: .....

SIGNATURE AND VERIFICATION

Under penalties of perjury, I declare that the above information and statements have been examined by me and are, to the best of my knowledge and belief, true, correct, and complete for the taxable year as stated.

..... (Date) ..... (Signature of Officer) ..... (Title)

CORPORATE SEAL

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

2. Applicant's Rights in Land

(a) 21 unpatented lode claims held by location, listed by book and page below, and 3 unpatented lode claims held by lease, a copy of which accompanies this application.

(b) Legal description of land.

The following unpatented lode claims, located in the Tiger Mining District, Yavapai County, Arizona, and recorded in the Official Records of the Yavapai County Recorder, Prescott, Arizona

Name of Claim		Book	Page	
Copper Stack No. 1		381	385	(Leased)
" " " 2		"	386	(Leased)
" " " 3		"	387	(Leased)
" " " 4		"	388	(Owned)
" " " 5		"	389	
" " " 6		"	390	
" " " 7		"	391	
" " " 8		"	392	Remainder of claims-4 thru 24 are owned
" " " 9		"	393	
" " " 10		"	394	
" " " 11		"	395	
" " " 12		"	396	
" " " 13	Amended	392	439	
" " " 14	"	"	440	
" " " 15	"	"	441	
" " " 16		"	442	
" " " 17		"	443	
" " " 18		"	444	
" " " 19		"	445	
" " " 20		"	446	
" " " 21		"	447	
" " " 22		"	448	
" " " 23		"	449	
" " " 24		"	450	

(c) 5 copies of Lien and Subordination Agreement enclosed.

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Schedule B-2

STATE OF ARIZONA, County of Yavapai—ss. 10609
I do hereby certify that the within instrument was filed and recorded at the request of Head & Pabones
on Aug 31 A.D., 196 5 at 11:20 o'clock a M. Book 371 Official Records
Page 285-291 (incl) Records of Yavapai County, Arizona.
WITNESS my hand and official seal the day and year first above written.
FRANK C. BAUER, County Recorder.
By Evelyn D. Zaro, Deputy

INDEXED PAGED PROOFREAD

MINING LEASE AND OPTION

This Mining Lease and Option, made and entered into this day by and between MARY BLEDSOE, a married woman, "Lessor" and the BASIN MINING CO., INC., an Arizona corporation having its principal place of business at Prescott, Yavapai County, Arizona, "Lessee".

WITNESSETH:

That for and in consideration of the mutual promises and undertakings hereinafter written, the Lessor agrees to lease, let and demise unto the Lessee, and said Lessee agrees to accept lease of all those certain unpatented lode mining claims located within the T I G E R Mining District, Yavapai County, Arizona, and more particularly described as follows, to-wit:

Copper Stack
Copper Stack #2
Copper Stack #3
the location notices of which are all recorded in the Yavapai County Recorder's Office in Book 65 of Official Records, page 584, Book 67 of Official Records, page 156 and Book 67 of Official Records, page 157, respectively,

for a term of ten (10) years, beginning August 25, 1965, and extending to but not including August 25, 1975, upon the following terms and conditions:

a. The Lessee shall pay to the Lessor a minimum royalty of Five (5%) per cent on all smelter or ore buyer net returns, which shall be defined to mean a payment of Five (5%) per cent of all returns received less freight and shipment charges and ore treatment charges at the smelter or ore buyer. Said minimum

royalties shall be paid directly from the ore buyer or smelter to the Lessor at an address to be furnished by said Lessor to the Lessee and shall be payable immediately upon the completion of the sale to the ore buyer or smelter without delay.

b. The Lessee shall perform at least forty eight-hour man shifts upon said property per month provided that excess work done in any one month over and above the required minimum of forty eight-hour man shifts may be carried forward to qualify the Lessee from month to month, providing that there shall be a total of at least 480 eight-hour man shifts performed on said property within any one year and said work shall not be carried forward from year to year.

c. The Lessee shall file an affidavit of assessment on said property for the year 1965 on or before September 1, 1965, and thereafter on or before September 1 of each successive year or at such time during the annual assessment year as the law may require; and all work, to comply with the requirements of said affidavit, shall be performed by said Lessee and completed at least fifteen (15) days prior to the expiration of the annual assessment year. Lessee shall furnish the Lessor with a conformed copy of the affidavit filed covering the annual assessment required herein.

d. Lessor shall sign notices of non-liability which shall be furnished by Lessee, and the Lessee shall record the original thereof in the Yavapai County Recorder's Office and shall post at least two copies of said non-liability notices upon the grounds being worked under the terms of this lease and as required under the provisions of such statutes in such cases made and provided, and shall keep said notices filed in accordance

BOOK 371 PAGE 286

with said law at all times during the performance of any work upon said premises.

e. Lessee shall be entitled to do any and all exploration and development work upon said premises as it may desire from time to time and shall be entitled to place upon said premises any and all improvements, buildings and other structures, and shall be entitled to move upon said premises any and all mining machinery and other equipment which may be required in connection with the operation of said mining venture and shall install same in any manner as it may desire. Lessee shall be entitled to remove any and all equipment, buildings and machinery which it has placed upon said premises for a period of ninety (90) days after the expiration of this lease for any reason. Lessee shall not remove any timbering, collars to shafts or underground rails or pipes from said premises. Failure on the part of the Lessee to remove equipment or other property as hereinabove described from said premises in the time as herein provided shall be considered as abandonment of said property on the part of the Lessee, and Lessor shall automatically become the owner thereof.

f. Lessee shall pay any and all taxes which may be charged against said property as a mining operation, including any and all mining machinery, equipment and improvements which it may place upon said premises, and said taxes shall not be a deductible item from the standpoint of the payment of the royalties as herein reserved to the Lessor.

g. Possession shall be given to the Lessee by the Lessor immediately upon the execution of this lease agreement

VOL 371 PAGE 287

and the Lessee shall be entitled to peaceful possession of said premises during the life of this lease agreement, and the Lessor warrants and guarantees that there are no claimants who may oust the Lessee from said premises and agrees to defend said title at her own expense against anyone who may attempt to disprove the rightful title to said property as being in the Lessor.

h. It is further agreed and understood that at any time during this lease that the Lessee may be in full compliance with the terms hereof that the said Lessee may terminate this lease by giving to the Lessor written notice of its intent to terminate said lease at least thirty (30) days prior to the desired date of termination and by executing and delivering to the Lessor a Quit-Claim Deed to said premises covering all right, title and interest which the Lessee may have received by reason of this Agreement back to the Lessor from and after said date, and this lease shall be considered terminated and of no further force and effect.

OPTION TO PURCHASE

At any time during the term of this lease, the Lessee shall have a right to purchase the above described property for the sum of Sixty Thousand ($60,000.00) Dollars and shall be entitled to credit against the purchase price for all payments of actual royalties which have been received by the Lessor during the life of this lease and shall be entitled to a good and sufficient mining deed to said property upon the payment of said sum.

In the event that the Lessee elects to purchase said property prior to the expiration of the terms of this lease and

BOOK 371 PAGE 288

prior to the payment by actual royalties of the total purchase price of $60,000.00, then and in that event the Lessor and Lessee shall place the deed as herein provided for in escrow at the First National Bank at Prescott, Arizona, and all future payments of royalties as hereinabove provided shall be made to said bank as escrow agent, and upon the payment of the balance due of the total purchase price, said bank as escrow agent shall be authorized to deliver to the Lessee the deed as hereinabove set out. Said deed shall show that property is free and clear of all liens and encumbrances and all claims of any person whomsoever other than the U. S. Government's paramount title to said property.

The foregoing option to purchase shall be exercised by giving the Lessor notice in writing at least thirty (30) days prior to the desired date of the exercising of said option, and upon the exercising of said option in accordance with said notice, this lease and option shall be considered a purchase contract thereafter, and the payments shall be continued thereunder on the basis of minimum royalties as hereinabove provided. The original of this lease and option shall be placed with said escrow agent evidencing the change-over from the lease to the purchase contract.

Lessor and Lessee agree to execute and deliver any and all necessary instruments which may be required in connection with the completion and carrying out of the intent of the parties to this agreement.

TIME IS OF THE ESSENCE.

In the event that the Lessee should fail to make the payments as herein provided or should fail to perform any other

of the requirements herein required, then and in that event this lease and option shall be terminated both as to the lease and as to the option, and the Lessee shall have no further right, title or interest hereunder. Lessor shall have a right of re-entry and repossession of said premises, and after a period of ninety (90) days from the date of the termination of said lease, the Lessor shall be entitled to take possession and become the owner of any and all personal property which may be left upon said premises after said date.

The foregoing shall be the exclusive remedy of the Lessor.

This agreement shall be applied to and become binding upon the heirs, executors, administrators and assigns of the respective parties.

IN WITNESS WHEREOF, the parties have hereunto set their hands this 27 day of August, 1965.

Mary Bledsoe
LESSOR
Mary Bledsoe

Attest:

BASIN MINING CO., INC.

E. A. Angicka
Secretary

Tom Paul
President

LESSEE

STATE OF ARIZONA)
)
County of Yavapai)

This instrument was acknowledged before me by MARY BLEDSOE this 27 day of Aug, 1965.

My Commission Expires
Aug 21 1969

Notary Public

STATE OF ARIZONA)
)
County of Yavapai)

This instrument was acknowledged before me this 27 day of [illegible], 1965, by [illegible] and [illegible], who acknowledged themselves to be the President and Secretary, respectively, of the BASIN MINING CO., INC., an Arizona corporation, for purposes and considerations indicated, having authority so to do.

My Commission Expires
[illegible] 3, 1967

Notary Public

BOOK 371 PAGE 291

P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

August 4, 1966

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

3. Physical Description

(a) Exploration operations to date have consisted of bulldozer cuts and roads, as shown on the accompanying map, and one just completed diamond drill hole, also shown on the map. No mining operations have been conducted on the property.

(b) The exploration operations described above were done at the expense of the applicant.

(c) No current procuction.

(d) No definitely known ore reserves, at this time.

(e) Geologically, the property consists entirely of Pre-Cambrian Yavapai schist, with a north-northeast strike and a dip to the west of 60 degrees. Several hundred feet, in width, of this schist belt have been silicified and mineralized by pyrite and chalcopyrite, in disseminated form, and the deposit can be classed a pyritic replacement in schist, similar to others in the general area. The mineralized schist consists of pyrite, chalcopyrite, chlorite, a great deal of cryptocrystalline quartz, calcite, dolomite, and a little sericite and hornblende. Appreciable gold and silver values occur in the pyrite. In general this mineralized schist is low grade material, but there is evidence of the existence of zones of higher grade material, conforming with the general schistosity, which will be described in the following paragraph.

(f) A 27½ feet wide zone of this higher grade material, exposed in the largest bulldozer cut, and shown on the map, was sampled July 13, with results shown on the accompanying assay report. The sample was cut with a carbide moil. Weighted average of the result indicate values of .02 o/t gold, 0.54 o/t silver, and 1.15% copper across the 27½ feet. The ore is mixed oxide and sulfide, some of it in massive pods, but generally very hard siliceous material, and is approximately 30 feet below the original surface. The schist on both sides of this zone is mineralized, and it is entirely within the realm of possibility that a considerably greater width than the 27½ feet could be classed as ore, under present economic conditions. Diamond drilling appears to be the most suitable exploration method. Core recovery in the recently completed hole was excellent, between 95 and 100%.

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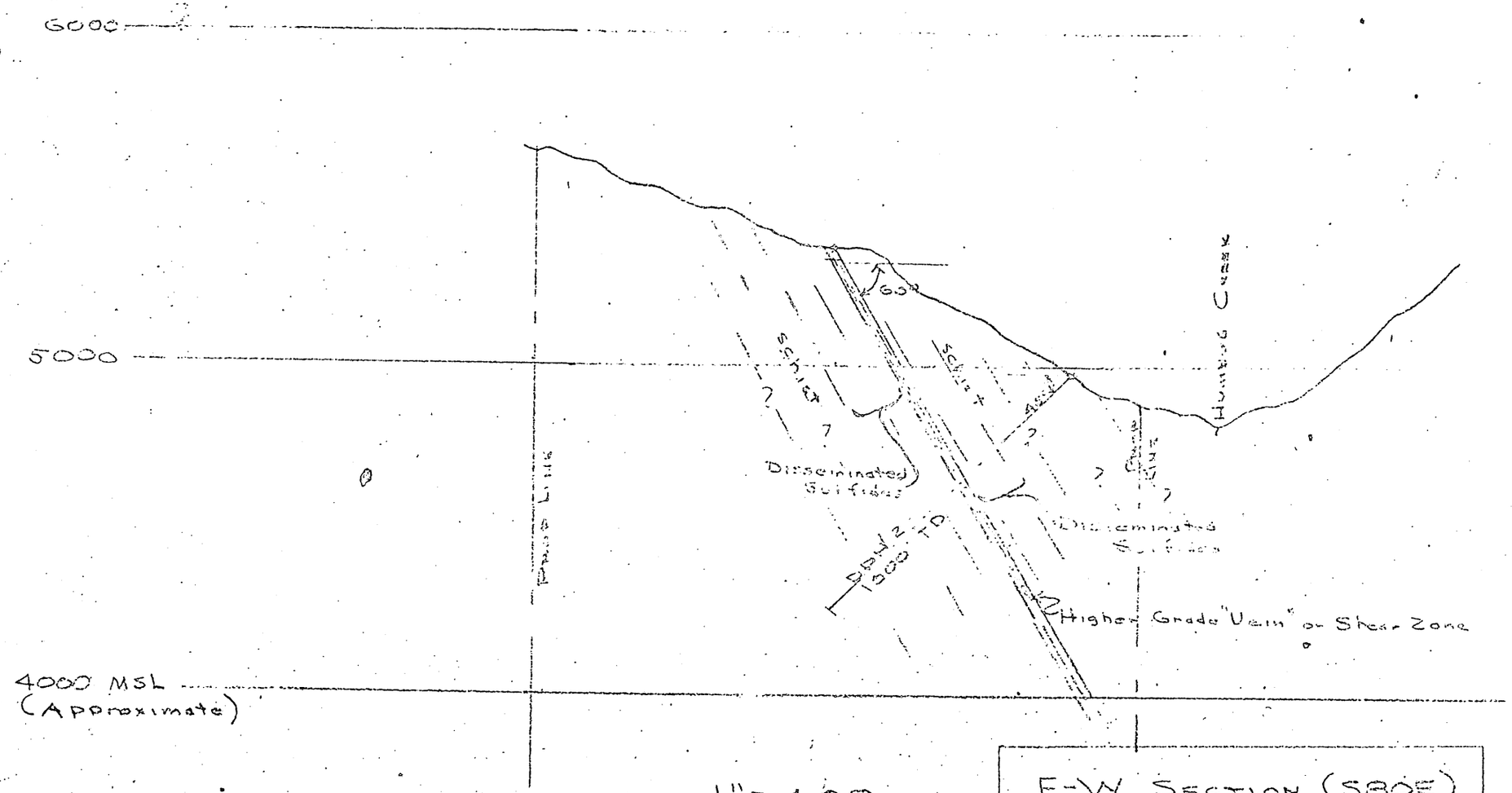

1" = 400

Registered Professional Engineer (Mining)
CERTIFICATE EXPIRES
DONALD SAMUEL O'LEARY
DEC. 31, 1966
ARIZONA U.S.A.

E-W SECTION (580E)
AT PROPOSED DDH 2
LOOKING SOUTHERLY
SHOWING PRESUMED
GEOLOGY

D.S.O'L 8-1-66

MINING CONSULTANTS EXAMINATIONS OPERATIONS

BASIN MINING COMPANY, Inc.

FIFTH & NAVAJO — P. O. BOX 1742
PRESCOTT, ARIZONA
PHONE 445-6975 — AREA CODE 602

GREAT AMERICAN MINERALS CORP.
CHRYSLER BLDG
NEW YORK, N.Y.

GENERAL GEOLOGY

The immediate and surrounding area of the claims is composed of a highly complex distribution of igneous, sedimentary and metamorphic rock formations.

The Western and Eastern contacts of the claims is composed of a gneissic granite with some inclusions by schist.

These massive granites were evidently formed by tertiary volcanic activity, and stand above the elongated length and width of the Yavapai schist.

The schist zone that strikes some 20° East of North is a sedimentary origin, and is composed of a variation of hornblende schist accompanied by silicious lenses of quartzite, limestones, chlorite, andalusite and magnetite of iron.

The metamorphic cycle of mineralization of these amphibolitic schists was evidently attributed to the late tertiary epoch during the intrusive activity of the quartz Diorites and associated quartz monzonites, rhyolites and andesites.

There is some evidence of the large crystals of the rhyolite parphry included in sections of the schist which would account for the acidulation process during the metamorphic cycle.

The thermal solutions associated with the quartz Diorite and related intrusives seem to have filled the fissures and voids in these schists of least resistance and developed the mineral values in the rocks adjacent to the contacts.

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This type of deposition has developed a series of vein and fissure filling in the massive schists that lie between the intrusives and produce large ore bodies with medium to milling grade ore values.

MINERALS

The minerals that compose the vein systems are classified as economic ores, and in this deposit the main values are gold, silver and copper and othermetallic minerals that are not of themselves valuable, however, they do mechanically contain free gold and silver and are pyrite, sphalerite, magnetite and pyrrhotite.

The non-metallic gangue minerals that accompany the mineral producing areas were noted as Quartz, siderite, chalcedony, calcite, dolomite, chlorite and hornblende as well as some tourmaline species.

The secondary minerals which were formed in the surface and top mantle zones of weathering is the limonite, cerargyrite, hematite, pyrolusite, native copper, chrysocalla, malachite, azurite and variations of volcanic clay precipitants from the erosion and weathering of the igneous rocks.

Most of the veins and fissures follow the trend of the schist formations which is northerly and southerly in these claims.

The dip of the veins and fissures conforms to the high angle dip of the schist which is in variations from 70 to 80 degrees on a west 10 degrees south Structure.

Development of a face of ore across a 25 foot width of an outcrop of schist 200 feet above the lower road area shows the heavy carbonate and oxide values from surface weathering and oxidation, however, at 10 foot depths the

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sulphide ore takes over in 50% of the values.

It is estimated from these indications and from cuttings from dill holes at another 10 foot depth, that 75% of the ore is sulphides in both copper and silver with gold in association in mechanical state, as well as in silphide reaction.

Respectfully submitted,

Tom Beard

TOM BEARD
Consulting Geologist

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HAWLEY & HAWLEY
ASSAYERS AND CHEMISTS, INC.
1700 W. GRANT RD. • BOX 5934 • 622-4836
TUCSON, ARIZONA 85703

BRANCHES
DOUGLAS, ARIZONA
HAYDEN, ARIZONA
EL PASO, TEXAS
AMARILLO, TEXAS

IDENTIFICATION		GOLD OZS	SILVER OZS	LEAD %	COPPER %	ZINC %	MO. %	IRON %	MoS_2
CS1 - 1	4½'	0.060	0.98		2.30				
CS1 - 2	10'	0.020	0.66		1.80				
CS1 - 3	13'	0.010	0.29		0.81				
Composite of CS1 -1, -2, and -3									< .001
Weighted Average across full		0.02	0.54		1.15	DSO'L			
"	27½'								
" " across best	14½'	0.03	0.76		1.46	DSO'L			

CC: Mr. D. S. O'Leary
ADD: P. O. Box 1041
CITY: Wickenburg, Arizona
DD:
CITY:

REMARKS:

"Special"

ANALYSIS CERT. BY Serous

Compositing	.60
Pulverize only PREPARATION $	1.50
ANALYSIS $	19.50
$	21.60

ACC: D. S. O'LEARY

DATE SPL RECEIVED 7/18/66 | DATE COMP 7/22/66 | WIC 331875

LONG BEACH
3310 AIRPORT WAY
BOX 16026, LONG BEACH 90806
FROM — DIAL
LONG BEACH (213) 426-3355
LOS ANGELES (213) 636-2386
ORANGE COUNTY (714) 828-6432
SANTA ANA
1514-D N. HARPER ST. 92703
JEFFERSON 1-2045

Twining Laboratories of Southern California, Inc.

INSPECTION & MATERIAL ENGINEERING
CHEMICAL & PHYSICAL ANALYSIS
RESEARCH & ENVIRONMENTAL TESTING
CORROSION RESEARCH & ANALYSIS

Examination CH66-612 A

July 28, 1966

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Concentrates -40 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
3.32	27.8	7.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

KT/bq

cc: 3

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CORROSION RESEARCH & ANALYSIS

Examination CH66-612 D

July 28, 1966

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Concentrates -12 + 20 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
4.74	3.6	0.6

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

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CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 G

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Middlings -40 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
14.98	3.4	2.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

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INSPECTION & MATERIAL ENGINEERING

CHEMICAL & PHYSICAL ANALYSIS

RESEARCH & ENVIRONMENTAL TESTING

CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 E

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Middlings -12 + 20 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
4.86	4.2	0.2

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith R Thomas

Keith Thomas

KT/bq

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RESEARCH & ENVIRONMENTAL TESTING
CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 H

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Tails -40 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
1.41	2.4	5.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

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RESEARCH & ENVIRONMENTAL TESTING

CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612 C

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of one (1) sample for copper, silver and gold content. Sample delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

Tails -12 + 20 Mesh

TEST RESULTS:

Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
1.15	0.4	1.2

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith Thomas

Keith Thomas

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INSPECTION & MATERIAL ENGINEERING
CHEMICAL & PHYSICAL ANALYSIS
RESEARCH & ENVIRONMENTAL TESTING
CORROSION RESEARCH & ANALYSIS

July 28, 1966

Examination CH66-612

Basin Mining Co.
P. O. Box 1742
Prescott, Arizona

SUBJECT: Analysis of eight (8) samples for copper, silver and gold content. Samples delivered to Twining Laboratories of Southern California by Mr. Tom Beard on July 27, 1966.

SAMPLE IDENTIFICATION:

#1	Concentrates	-40 mesh
#2	Tails	-20 + 40 mesh
#3	Tails	-12 + 20 mesh
#4	Concentrates	-12 + 20 mesh
#5	Middlings	-12 + 20 mesh
#6	Tails	-20 + 40 mesh
#7	Middlings	-40 mesh
#8	Tails	-40 mesh

TEST RESULTS:

Sample	Copper (%)	Gold (ozs/ton)	Silver (ozs/ton)
#1	3.32	27.8	7.4
#2	3.08	1.6	1.6
#3	1.15	0.4	1.2
#4	4.74	3.6	0.6
#5	4.86	4.2	0.2
#6	2.68	0.8	0.2
#7	14.98	3.4	2.4
#8	1.41	2.4	5.4

TWINING LABORATORIES OF SOUTHERN CALIFORNIA, INC.

Keith L Thomas

Keith Thomas

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P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

4. Accessibility of Property

(a) Mr. Tom Beard, P. O. Box 1742, Prescott, Arizona, Tele. 602-445-6975, is in charge of the property, and should be contacted for a visit.

The property may be reached by turning southeast off of U. S. 89 at Kirkland Junotion, between Prescott and Congress, Arizona, and proceeding about 35 miles on the road to Crown King. Travel by passenger car is possible but not recommended. Jeep or pick-up truck vehicles are more suitable. A jeep is required for travel on the property itself.

(b) Shipping point would probably be Kirkland, a station on a branch line of the Santa Fe, located about 40 miles from the property.

(c) The property is located in Sections 3 and 4, T9N, R1W, and Section 34, T10N, R1W, which is unsurveyed, in the Tiger Mining District, Prescott National Forest, Yavapai County, Arizona.

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P.O. BOX 1041

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WICKENBURG, ARIZONA

MU 4-2287

COPPER STACKEPROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

5. Exploration Work

(a) Proposed exploration work consists of 10,000 feet of diamond drilling, BX wire line, at an angle of 45° from the horizontal, holes spaced 800 feet apart along the strike of the mineralized zone. Drill sites will be located near the west side of the property, will be directed easterly to cut the mineralized zone, and will be about 1000 feet deep. (See enclosed section and map).

(b) Access road will be built at the expense of the applicant, with a bulldozer and whatever drilling and blasting is required. Location will be approximately as shown on the map.

(c) Time required for the project is estimated at 6 months, or about 2000 feet of diamond drilling per month when the project is in full swing.

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Grant Automotive Mining Co.
CHRYSLER BLDG
NEW YORK NY

RESUME

William Thomas Beard , Post Office Box I742, Prescott, Arizona

Born September 3, I9II, Marble Falls, Texas, son of Mr. Omer De Witt Beard and Clara Laurina Mills.

Graduate Chino High School, Chino, California I929

Attended Stevens School, Christian Lay Group of Natural Scientists. Two Year program, receiving a certificate of performance in natural sciences I932

Received a degree of PH.D. from the National Chromo and Electronic Instsitute, San Francisco, California I932, for design and theory of mineral separation by the Electro Static - Electro Magnetic and High Frequency process.

Subscribed to Extension Courses in Mining from Columbia University, I933

EXPERIENCE

May I966 to June I963 - Engaged in exploring and developing varied mining properties in Arizona for my personal account, and with The Joplin Industries Inc. Albuquerque, New Mexico.

June I963 to February I963 - Retained by the Canyon State Mining Corporation, and The Copper Queen Mining Corporation in the field examination and exploration of iron mines and copper claims. My association was also as a stockholder in these companys.

January I963 to January I962 - Limited Partner with Oreco Mines Company , Los Angeles, California acting as a general appraiser and supervised the reconniassance work on mining claims.

General Partner with The Western Poly Chemical Company in the processing of agricultural Minerals at Fontana, California.

I96I to I960 - General Partner with The Quintex Company, or El Monte, California doing investigation into Berylium mine prospects.

Stockholder and field man for The East Range Mines, Inc. of Lovelock, Nevada doing exploration and development of the Henrietta patented mine, Kennedy Mining District, Pershing County, Nevada

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I960 to I959 - Field man for The Mount Union Mines Corp. of Los Angeles, and San Francisco, California, Mr. Harold Marconda, President. Made examinations and evaluations on mining properties in California, Nevada, Arizona and Utah.

Made reconnaissance on mines in Mexico for Merrill W. Mac Afee ,Consulting Engineers of Los Angeles, California.

I958 to I957 - General partner and field man for The Cobre Grande Mining Company of Los Angeles, California and Safford, Arizona. Work consisted doing the development of copper claims in The Graham Mountains area of Arizona.

Associated with Mr. Merrill W. Mac Afee , Consulting Mining Engineers in the evaluation of mines in Arizona, California and Nevada,

I956 to I953 - Vice President of Union Minerals and Chemical Corporation, Los Angeles, California. Company operations were in the exploration and development of agricultural Minerals.

I952 to I950 - Associate and General Partner of Mexar Mining Company, and the Mesquite Mining Company of Arizona and of Sonora Mexico. Made explorations and developed gold mines and sulfur properties in Sonora and Baja , California for the agricultural mineral trade.

I949 to I948 - Board member and stockholder in Boulder Industrial Minerals Corporation, Las Vegas, Nevada. Exploration of Copper, Lead , and Silver mines in Nevada.

I947 to I945 - President of Midwestern Fertilizer Corporation Reno, Nevada and Phoenix, Arizona. Developed Phosphate lands in Idaho, Gypsum beds in Nevada and Utah, Sulfur in Utah and shipped to the agricultural trade in California and Arizona.

I944 to I942 - Commissioned First Lieutenant in Army of The United States, Washington D. C. through Mr. Ted Rogers and Mr. John Lawrence of the American Trucking Association. Served in the Far East and Middle East Theatre of War.

I94I - Operating Engineer at Navajo Ordnance Depot, Belmont, Arizona in the production of Volcanic Cinders.

I940 -Operating Engineer and Pre-flight master of Morton Air Academy, Blythe, California in training primary instruction to air cadets.

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Page Three Cont'd:

I939 - Commissioned by Prince Fredrico De Palacio of Spain to investigate his Spanish Grant holdings in the Adair Bay area of Lower California and Sonora Mexico for the deposition of possible minerals occurance.

I938 to I935 - Owner and operator of Inter - State truck line between California and Arizona, and mining and in shipping agricultural minerals of Marl and Gypsum and Limestone to the agricultural trade.

I934 - General Field Superintendant for Pestco Laboratories, Inc. San Bernardino, California, dealing in minerals and in the application of pest control chemicals to the farming areas of Southern, California.

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P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

COPPER STACK PROSPECT

Great American Minerals Corp.
Chrysler Building, 62nd Floor
New York, N. Y.

MME Form 40

7. Estimate of Costs

(a) Independent Contracts

Estimated costs per foot of diamond drilling, based on bids of two reputable contract drilling companies, copies of which are enclosed, are at best about $8.00/foot, due to the hard material to be cored.

10,000 feet at 8.00/foot	$80,000

(b) Personal services

Freight and assaying charges for this 10,000 feet, most of which will be assayed

10,000 feet at $1.00/foot	$10,000

Engineering, including surveying drill sites, supervision and logging of drilling, sample preparation, and outside consultation, if necessary. $10,000

Total cost of program $100,000

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

Boyles Bros.
DRILLING COMPANY
CONTRACTORS-ENGINEERS-GEOLOGISTS

10801 North 21st Avenue
PHOENIX, ARIZONA 85020
Phones: Office 944-1731
Home 948-2009

General Offices and Plant
1624 Pioneer Road P. O. Box 58
SALT LAKE CITY, UTAH 84110
Phone 487-7595

BRANCH OFFICES
PHOENIX
RENO
SPOKANE
DENVER
SACRAMENTO
SANTIAGO, CHILE
LIMA, PERU

August 1, 1966

Mr. D. S. O'Leary
Great American Industries
P.O. Box 1041
Wickenburg, Arizona

Dear Mr. O'Leary:

For your anticipated drilling on the Copperstack Property near Crown King, Yavapai County, we submit the following prices.

1. Mobilization --- $ 500.00

2.

Drilling	BXWL	NXWL	NC or Collar Pipe
0 to 500 ft.	7.60	8.20	9.00
500 to 1000 ft.	8.20		

3. Cementing, if necessary, $ 12.50 per hour plus cost of cement, or cement substitutes including drilling mud and chemicals.

4. Water truck rental of $ 225.00 per month, plus .15 cents a mile. Water to be hauled from your source of supply.

5. Casing lost or left in hole at your request to be charged for at list price F.O.B. job site.

6. Access roads and drill stations to be furnished by you at no cost to us.

Thanks for asking our prices.

Sincerely yours,

J. E. Roberts
District Manager

JER/tk

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E. J. LONGYEAR COMPANY
308 EAST PIMA STREET
PHOENIX, ARIZONA 85004
PHONE 258-6543
GEN. OFFICE - MINNEAPOLIS, MINN.

August 5, 1966

Great American Industries
Box 1041
Wickenburg, Arizona

Attention: Mr. D. S. O'Leary
Consulting Geologist

SUBJECT: PROPOSAL COVERING PLANNED CORE DRILLING ACTIVITY, COPPERSTACK PROPERTY, VICINITY CROWN KING, ARIZONA

Gentlemen:

1. In response to your recent request, we are pleased to forward our proposal covering drilling activity in the above subject area.

2. Our understanding of your project is as follows:

The drilling program is expected to consist of a minimum footage of 6,000 linear feet, possibly 10,000 linear feet in NX, BX and AX size drill holes averaging 700 to 800 feet in total depth. Inclination of holes will not be flatter than 45 degrees.

The formation to be drilled consists mainly of highly siliceous rock types.

Water for drilling purposes is obtainable from a creek that intersects the property and will require haulage by water truck from the source to the various drill sites.

Great American Industries will prepare the necessary drill and service access roads to the drill sites and, if required, will maintain the roads.

Living facilities for personnel is non-existent in the area and will require the establishment of mobil homes in the area or commuting from available housing at the nearest towns.

3. For the drilling program as planned, we would propose to furnish two each Longyear drilling machines together with all the required equipment. Where possible, we would attempt to operate each rig on a two shift basis per day, six days per week.

4. We will carry public liability insurance covering personal injury and property damage, and Workmen's Compensation insurance and also all-risk insurance on the drilling equipment protecting against loss by theft, fire, flood, landslides and other similar hazards. Certificates showing the coverage referred to will be furnished upon request.

5. Based upon conditions anticipated to prevail in this work, we are pleased to quote as follows:

a) Mobilization and demobilization of personnel and drilling equipment.....$395.00 per rig lump sum

b) Overburden drilling -

0 to 50 feet in depth.....$6.95 per foot

c) Core drilling - angle holes 45 degrees or steeper -

	NX WL	BX WL	AX WL
0 to 500 feet in depth.....	$9.55/ft.	$8.95/ft.	$8.50/ft.
500 to 1,000 feet in depth.....	-0-	$9.45/ft.	$9.00/ft.

Plus other items of expense as outlined below.

d) Reaming, where applicable, all sizes involved.....$4.95 per foot

e) Casing or pipe lost through normal drilling operations or left in holes at your request will be invoiced at our replacement cost, job site basis.

f) Time spent by crews setting and pulling casing, performing cementing activity, mixing drill mud or performing other hole stabilizing or hole plugging activity will be invoiced at.....$15.30 per hour with 2-man drill crew.

g) Cement, drill mud, additives or other hole stabilizing or hole plugging material consumed in the program will be invoiced at our cost, F.O.B. job site basis, plus a 10% handling fee.

h) Standby time or delays for your convenience or for which you are responsible will be invoiced to you at.....$14.75 per hour with 2-man drill crew.

i) In preparing the price schedule outlined under both the drilling and reaming sections, we assume the diamond bit cost will average $2.00 per foot. In the event diamond bit cost exceeds the allowed amount of $2.00 per foot, it is understood and agreed that such overage of allowable cost will be invoiced to you.

Cost of diamond bit items will be determined by using $8.50 per carat diamonds, plus applicable setting charges divided by the footage drilled.

j) Water truck service will be provided on the following basis:

(1) Water truck rental charge.....$250.00 per month plus 15¢ per mile traveled while engaged in water hauling activity.

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(2) Where possible, we would expect to use the drill helper for the purpose of driving the water truck. As long as this arrangement can be maintained without subjecting the drilling to excessive delays, no charge will be made for his service. However, if it should become necessary to employ a separate, full time water truck driver in order to amply supply the drill(s) with drill water, we would invoice an additional charge of $4.00 per hour to cover the resultant additional wages, payroll taxes and other related expenses involved.

(3) It is further understood that you will provide free of cost, a suitable nearby source of water together with properly prepared water truck service roads from the source to the various drill sites. Such roads will be prepared so that they can be easily negotiated by standard 2-wheel drive water trucks.

	NX Size	BX Size	AX Size
k) Core boxes, cardboard type, capacity ten feet of core.....	$1.05ea	$0.95ea	$0.85ea

6. Cores and/or samples will be turned over to your representative at the drill sites in containers furnished by you or by the Longyear Company as outlined above.

7. Statements will be submitted promptly after the first of the month which covers all work performed during the previous month. Payment will become due fifteen days from date of statement.

8. If we are selected to perform this program, it is understood and agreed that financial arrangements acceptable to the Longyear Company will be made by you prior to the commencement of mobilizing operations. Such arrangements would either consist of a prepayment of the work involved or the establishment of other acceptable invoice payment arrangements when submitted by the Longyear Company. We estimate the total cost of the maximum program will exceed $100,000.00.

9. We appreciate the opportunity to submit this proposal for your acceptance. If you find it satisfactory, please have the person with the proper authority sign in the space provided, return the original signed copy to us and retain the additional copies for your files.

Sincerely,

E. J. LONGYEAR COMPANY

J. R. Miller

Manager, Southwestern Zone
Contract Drilling Division

J.R.Miller:jag

ACCEPTED:
Company_____

By_____

Date_____

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SEC Will Discontinue Trading Ban on Great American Industries

Oct. 17 Wall Street J.

By a WALL STREET JOURNAL *Staff Reporter*

WASHINGTON — The Securities and Exchange Commission said it will continue its court fight against Great American Industries, Inc., but next Monday will lift its six-month ban against trading in the company's securities.

The commission said it will ask the circuit court of appeals in New York to review a Federal district court decision of Oct. 5 denying the commission's motion for a preliminary injunction against the company, several of its top officers and others outside the company.

The SEC suit, filed June 16, alleged violations of Federal securities laws, particularly in connection with the acquisition of three mining properites.

Except for a 13-day period in late April, trading in Great American securities has been halted on the American Stock Exchange since March 31 by the SEC through a series of 10-day suspensions. The SEC said it has decided to discontinue its trading ban while the review proceedings are pending.

Accordingly, the commission announced that trading will resume Oct. 24, after the company has had time to comply with a stock exchange request that it distribute to shareholders certain information on what's happened to the company's affairs since the trouble with the SEC began.

Walter S. Mack, the company's chairman, said in New York that a copy of the 1965 annual report, together with a review of 1966 first half financial results and a report of recent property acquisitions would be mailed to all stockholders, probably next Tuesday. "We plan to bring our shareholders up to date on corporate developments that have occurred since the start of this trouble with the SEC," he said.

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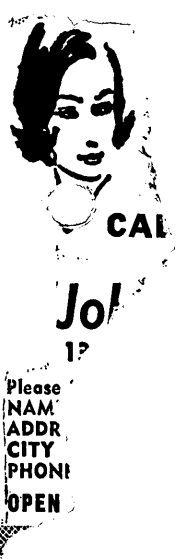
Senate page jobs are patronage positions allotted to Senators. At Action Line's request, the Senate Sergeant-at-Arms is sending you a booklet outlining the requirements.

Four months ago, I bought Greater American Industries stock on the American Stock Exchange. Now it is no longer listed, and my broker can give me no information. Have I lost my money? What can I do to sell the stock?—A. F. M.

Right now, that stock cannot legally be sold. The Securities and Exchange Commission suspended trading on April 28. On July 17, it announced filing a complaint in District Court in New York City charging that the company had filed false reports with the SEC and the American Stock Exchange and had violated anti-fraud and other Federal securities laws. SEC hopes that the company's situation will be clarified so that investors will have complete information and the trading ban can be lifted.



Aug. 20 - Evening Star

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/14	Peterson	120P
11/14/66	Kirkemo	120K
		110
		220

Mr. Walter S. Mack
President
Great American Minerals Corporation
62nd Floor, Chrysler Building
New York, New York 10017

NOV 14 1966

Re: OME-6569 (Copper, Gold, and Silver)
Great American Minerals Corporation
Copper Stack Group of Claims
Yavapai County, Arizona

Dear Mr. Mack:

Thank you for your letter of November 7, 1966, in which you advise us that you do not qualify for financial assistance for exploration under the Office of Minerals Exploration program.

We are now placing your application in the inactive file and it is considered as having been withdrawn.

Sincerely yours,

FRANK E. JOHNSON (gfa)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
Region III w/cy inc. letter
120M

MMerrithew/mm (11/14/66

23263

GENERAL SERVICES ADMINISTRATION

ROUTING SLIP

TO	CO	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10

NAME AND/OR SYMBOL	BUILDING, ROOM, ETC.
1. Mr. H. Kirkimo	OME
2.	
3.	
4.	
5.	

- [ ] ALLOTMENT SYMBOL
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- [ ] AS REQUESTED
- [ ] CONCURRENCE
- [ ] CORRECTION
- [ ] FILING
- [ ] FULL REPORT
- [ ] ANSWER OR ACKNOWLEDGE ON OR BEFORE _____
- [ ] PREPARE REPLY FOR THE SIGNATURE OF _____
- [ ] HANDLE DIRECT
- [ ] IMMEDIATE ACTION
- [ ] INITIALS
- [ ] NECESSARY ACTION
- [ ] NOTE AND RETURN
- [x] PER OUR CONVERSATION
- [ ] PER TELEPHONE CONVERSATION
- [ ] READ AND DESTROY
- [ ] RECOMMENDATION
- [ ] SEE ME
- [ ] SIGNATURE
- [ ] YOUR COMMENT
- [ ] YOUR INFORMATION
- [ ]

REMARKS

Attached is the data submitted by Great American Industries for consideration under the copper production expansion program and a copy of our evaluation of the proposal.

FROM	CO	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10

NAME AND/OR SYMBOL	BUILDING, ROOM, ETC.	
Al Schakoske - DDS	GS Bldg - Room 6027	
	TELEPHONE 38821	DATE 8/29/66

GPO : 1962 O—655346

Chairman
Copper Technical Expansion Committee - MMM
May 24, 1966

Technical Advisor
Technical & Marketing Analysis Division

Great American Industries, Inc.
Copper Stack Mine, Yavapoi County, Arizona

In letter of March 20, Mr. Walter Mack, Chairman of Great American Industries, stated that his firm recently acquired the properties of the Copper Stack Mining claims. These claims consist of the unpatented claims Copper Stack, Copper Stack #2, and Copper Stack #3, which are owned by a Mary Bledsoe and have been leased for a 10-year period with option to purchase for $60,000 to the Basin Mining Company, represented by Mr. Tom Beard, a consulting geologist.

A brief report on the property was prepared by a Mr. William I. Watson, of Arthur D. Little, Inc. At the present stage of development, this property is nothing more than a prospect, although it appears to be a good one, with potential ore reserves of 2 million tons based on sampling 75-ft. of oxidized copper mineralization and the cuttings from three drill holes. This combined sample assayed 2.94% copper, 0.0333 oz. of gold, and 1.30 oz. of silver per ton. Part of the sample was ground to 10 mesh and a concentration rate of 5:1 gave a product that assayed 12.7% copper, 3.4 oz. of silver, and 0.68 oz. of gold. This concentrate had a value of $117.18 per ton. Finer grinding through 200 mesh would yield a much higher grade concentrate with considerably better recovery.

In his letter of March 20, Mr Mack asked for financial assistance for drilling and bulldozing at a cost of approximately $75,000. This request for financial assistance should be to the Economic Development Administration, U. S. Department of Commerce. If the drilling and bulldozing program referred to by Mr. Mack should prove up a sizeable ore reserve of the above grade, this property could be operated profitably without any incentive payments for the copper produced.

L. J. O'Neill

cc:
Mr. Romeo
Committee Members

MPT:LJO'Neill:md

HYDROCARBON SPECIALTIES — PETROLEUM PRODUCTS
METALS — MINERALS — CHEMICALS

HydroCarb

3848 EAST COLORADO BLVD.
PASADENA, CALIFORNIA
MURRAY 1-6813

March 28, 1966

Mr. Walter Mack, Chairman
Great American Industries
405 Lexington Avenue
New York, N. Y.

Reference: Copper Stack Mine
Tiger Mining District
Yavapai County, Arizona

Dear Mr. Mack:

In accordance with your request I am pleased to summarize my conclusions of two inspections of the subject property. A first visit was made to the property in September of '65 and a second in November.

In September numerous extensive exposures of copper ore were evident from the blasting and bulldozing of an ascending roadway from the valley floor up the face of the hillside. Samples were taken at that time and a representative such sample of 100 ft. of vein exposure showed an assay value of $24.97/ton comprising copper 2.94%; gold 0.0333 oz./ton, and silver 1.3 oz./ton. Ore outcrops were evident from the valley floor to the crest of the ridge and continuing in excess of 1000 ft. beyond the crest. Additional continuing outcrops were evident for a further 2500 ft. Based only on the 100 ft. vein width with a 400 ft. vertical distance from the valley floor to the crest of the hill and 1000 ft. south with an ore density of 14 cu.ft.per ton, the calculated indicated ore containment of this segment of the vein amounts to 2,850,000 tons. A further calculation of inferred ore based on the 3500 ft.of vein exposure to the south gives a calculation of 10,000,000 tons.

At the time of the November visit the vein exposures had been extended by additional blasting and bulldozing of a hairpin reversal of the road approximately 200 ft. higher than the lower roadway and this further exposure showed a vein width of 185 ft.

A 25 ft. segment of the vein was sampled and gave an assay value of $40.75 per ton comprising 4.59% copper, 0.13 oz./ton gold, and 2,45 oz./ton of silver. On the basis of 185 ft. width of vein in place of the 100 foot width previously used, there would be an indicated 5,250,000 tons of ore and extending the calculation to the additional 3500 ft. of ore exposure there would be an inferred ore quantity of 18,000,000 tons.

Mines in the area have numerous copper occurrences to a depth of 500 ft. below the valley floor which might add an additional 23,000,000 tons of inferred ore for a total of 41,000,000 tons.

The ore body for a distance of 400 ft. above the valley floor to the crest of the ridge is most suitable for open face hill side mining and would permit breaking whatever daily requirement was selected for the mill capacity.

A nominal operating rate of 1000 tons per day could be established without difficulty sufficiently early to meet the earliest mill completion.

Ore processing could be undertaken in two phases, the initial phase for earliest operation by jigs, tabling and magnetic separation to produce a concentrate value in the range of $100.-$125. per ton and a second phase by flotation with a probable overall mineral recovery in excess of 90% of the contained metal values.

The schist host rock of the ore vein is evident for a width of 1800 ft. and consequently it is unlikely that the potential mineral reservoir would be significantly diminished for an extended depth and length.

As stated the ore calculations are based on surface exposures and while such exposures are acceptable for indicated and inferred calculations, and are more than adequate to justify an extensive investigation of the property, they cannot be considered to delineate firm ore reserves until the ore body has been adequately investigated by extensive sampling and core drilling. Based on the indications the Copper Stack Property could represent an extremely extensive ore body.

Yours very truly,

E. Van Dornick
Chemical Engineer

EVD:lat

CABLE ADDRESS: GREATAMIND, N. Y.

GREAT AMERICAN INDUSTRIES, INC.

62ND FLOOR, CHRYSLER BUILDING · NEW YORK 17, N. Y.

EXECUTIVE OFFICES

TELEPHONE YUKON 6-9550

March 18th, 1966

To The Directors

The Copper Stack mining property was recently discovered by Tom Beard who is the driller for us on the sulphur property in California. Mr. Beard has done and is doing considerable work for most of the big mining companies such as Kennecott, Anaconda, American Smelting, etc. He is a graduate engineer, having graduated from Columbia School of Mines - his father and his uncle were both professors in engineering at the Columbia School of Mines. Tom Beard has a Ph.D. in addition, in both chemical engineering and geophysical engineering, and in addition to that, has studied mining in Heidleberg, Germany and in Russia.

This new discovery of his consists of 480 acres of property representing 24 claims in the Tiger mining district, Yavapai County, Arizona. All of these claims have been registered and he assures me that his counsel and our counsel will have no difficulty in proving title.

This strike is close to the famous "Silver Mountain" in Arizona, which has a long history of great production of silver and gold. It is an open face pit lode mine which makes it much simpler and less costly to get into production, as it can be mined by ordinary bulldozers and steam shovels. The ore then has to be crushed and put through a 10 inch mesh which then goes through jig tables and water flotation to concentrate the ore which is then sent to a smelter. There are two existing smelters not too far away. One of them -- approximately 165 miles from the mine -- has agreed to take and buy this mine's production.

I have had this mine investigated by Bill Watson, the top minerologist of Arthur D. Little, Inc. and have received the attached letter from them. They confirm in their letter the findings of Tom Beard.

I understand from them that there are two methods of operating this mine. Mr. Beard had previously purchased, and has at the mine site, about $75,000 worth of mining equipment, which he intended

to use himself in putting this mine into production. We will acquire all of this mining equipment in conjunction with this purchase. The two plans for operating this mine and indicated profits at the present time are as follows:

PLAN (A)

Operating the mine on a small production basis. This will take about $150,000 working capital and will produce sufficient ore as shown in the report to make a net profit after all expenses, but before taxes and depletion allowance, of $600,000 a year.

PLAN (B)

Putting in a larger operation which will take approximately $2,000,000 as shown in the report to produce 1,000 tons of ore per day which indicates a net profit after all expenses, but before taxes and depletion allowance, of $4,000,000 a year.

Arthur D. Little advises that there is enough ore in sight to run steadily at this rate for 7 years, without taking into consideration any reserves of the ore which will be proved up by additional drilling.

This mine has the added advantage of having both water and power available within one mile distance. The purchase of this entire property I have worked on with the owners for $50,000 in cash and 200,000 shares of Great American Industries Common Stock - which stock will be taken by the purchasers with the usual investment letter.

If we adopted PLAN (A) the company can be in operation, bringing in income, between 90 and 120 days.

Walter S. Mack

WSM/va

Arthur D. Little, Inc.

ACORN PARK
CAMBRIDGE, MASSACHUSETTS 02140
AREA CODE 617 864-5770

March 18, 1966

Mr. Walter S. Mack
Chairman of the Board
Great American Industries, Inc.
Chrysler Building - 62nd Floor
New York, N.Y.

Dear Mr. Mack: 1-1698

Following your request on March 11 I spent several days carrying out a preliminary study of the copper stack mine in Yavapai County, Arizona. Mr. Thomas Beard of Prescott, Arizona, the discoverer and developer of the property showed me the mine and region and we discussed in some detail the many aspects of the deposit.

Our study has resulted in the conclusion that the property is fairly and honestly reported in Mr. Beard's reports dated September 17, 1965 and January 1966. Our one point of disagreement would be with the estimated pre-tax profit of $5,000,000 per year given in the estimated economics of the operation in the 1966 report. We would prefer to estimate this as about $3,000,000 since we believe the product of any plant would be a concentrate that would be sold to a smelter. On this kind of concentrate you would expect only about a 70% return of contained values.

We believe that there is sufficient evidence to indicate a potentially promising ore deposit. We believe you should proceed with a further evaluation, which should consist of the following steps:

1. Make some agreement or arrangement with Mr. Beard to retain his services and rights to the deposit for a period of 4-6 months while it can be explored to accurately determine its potential value.

2. Further exploration should consist of a series of drill holes (cored) where cores are split with one half being used for analyses and one half being composited and used for metallurgical test work.

Arthur D. Little, Inc

March 18, 1966

Mr. Walter S. Mack
Great American Industries, Inc. 1-1698

You should expect to pay for this evaluation. We would roughly estimate this cost as follows:

Mr. Beard's services, 6 mos. @ $2,000/mo.	$ 12,000
Drilling 5000' A $7.00	35,000
Metallurgical testing	15,000
Road building, etc.	10,000
Total	$ 72,000

3. If the exploration results are promising, proceed with the acquisition of the property. If the results are negative you have gambled and lost $72,000.

While we do not know what the full proposed agreement with Mr. Beard involves, we understand that he is requesting a $50,000 down payment. We believe that this is justified in this case.

We are impressed with the knowledge and sincerity of Mr. Beard and feel that an association with him would be advantageous from your point of view if you are interested in mineral industry investments.

We attach our summary of the pertinent available information concerning the copper stack mine and Mr. Beard's report of September 1965. You have the original copy of the January 1966 report.

We will be in touch with you early next week in regard to our further participation in this evaluation.

Sincerely,

William I. Watson

William I. Watson

ic
Enclosures

SUMMARY - PERTINENT DATA
COPPER STACK MINE

EXPLORATION AND DEVELOPMENT:

After initial discovery of this mineralized zone by geochemical soil sampling, Mr. Beard started exploration by cutting roads across the probable ore structure as indicated in his report. There is a 75 foot zone of oxidized copper bearing ore with visible sulfide mineralization. This 75 feet has been sampled and averages 2.94% copper, .0333 oz. gold, and 1.3 oz. silver in metal concentrate. This ore has a value as follows (at approximate current metal prices):

2.94% Cu @ 35¢/lb =	$20.58	per ton
.0333 oz. gold @ $35/oz =	1.17	" "
1.30 oz. silver @ $1.29/oz. =	1.68	" "
Total	$23.43	" "

From the developed bench Mr. Beard has drilled three holes to about 100 feet. These holes were in sulfide mineralization stronger than at the bench level where they were drilled. The cuttings from the holes were added to the 75 foot sample to give the value indicated above.

The geology and mineralized nature of the region is a promising factor in leading one to believe that the mineralization of this deposit may be quite extensive. On either side of the 75 foot mineralized zone discussed above there are indications of copper mineralization.

ORE RESERVES:

It is not possible to estimate any accurate figure for ore reserves on the basis of our present knowledge. If one assumes a 75 foot wide ore zone through the hill to a depth of 400' there would be approximately 2,000,000 tons in that block. This, of course, has not been proven in any way except for the bench and three hole drilling previously discussed.

If the mineralization is throughout the 1800 foot wide zone as mentioned in the reports then considerably larger tonnages are involved.

It should be kept in mind that if the 75 foot zone is the limit of the ore body then some of the lower part would have to be mined by underground techniques at some higher cost than open pit operations.

Arthur D. Little, Inc.

PROCESSING:

The only test work done so far on processing the ore was a simple gravity concentrating test on the sample discussed above. This test was done at a 10 mesh grind and resulted in a concentrate that analyzed 12.7% Cu, 3.4 oz. silver and 0.68 oz. of gold. This has a value of $117.18 per ton. The ratio of concentration was 5 to 1.

There is not too much doubt that the processing technique best applicable to this type of ore is a fine grinding - flotation process to produce a concentrate which would be shipped and sold to a custom smelter. With proper design and operation the flotation process should recover 90-95% of the metal values. The big loss as far as the mining company is concerned would be the smelter charges. The return to the mine will probably be only about 70% of the value in the concentrate. If the ore body justifies the investment it is always best to do your own smelting.

MINING AND PROCESSING COSTS:

It would appear that with open pit mining and the processing indicated above a total cost of $5.00 per ton of ore is logical. This would include $1.50 for mining and $3.50 for processing.

A rough figure for investment in this type of operation is $2000 per ton of daily capacity for the crushing and milling operation and $500 per ton for the open pit mining equipment.

For a 1000 ton of ore per day plant the total investment should then be around $2,500,000.

A charge of about $8.00 per ton of concentrate for shipping by truck and by rail to the smelter should be approximately correct.

ESTIMATED OVERALL ECONOMICS: (1000 tons of ore per day)

1000 tons/day @ $23.43 value =	$23,430	per day
Concentrate produced (50 tons @ $421.74)	21,087	" "
Deduct for concentrate shipping	400	" "
Value at smelter	$20,687	" "
Return to mining operator	$14,250	" "
Deduct operating costs	5,000	" "
Net daily profit	$ 9,250	
Per ton profit	$9.25	
Yearly profit (350 days)	$3,240,000	
Yearly tons to process	350,000 tons	
Tons required for 10 year life	3,500,000 tons	
Investment required	$2,500,000	

Metals and Chemicals Corp.
METALES Y QUIMICO, S.A.
MERCURY - SELENIUM

MUrray 1-6813
3848 E. COLORADO BOULEVARD
PASADENA 8, CALIFORNIA

GEOLOGY

&

ECONOMICS

COPPER BLACK MINE

TIGER MINING DISTRICT

YAVAPAI COUNTY, ARIZONA

Geology and Assays by
Tom Board, Consulting Geologist
Owner
Basin Mining Company
Developers of the Property

January 1966

SUMMARY

COPPER STACK MINE comprises twelve mineral claims located 30 miles south of Prescott, containing an indicated two million tons of open pit ore, assaying Copper 2.94%, Gold 0.0333 oz., and Silver 1.3 oz., for a total metal value of $25.00 per ton. Inferred ore reserves are in the probable range of 10 million tons.

Property development is proceeding with heavy equipment and has exposed over 150 ft. of outcrop vein.

A simple jig, table and magnetic processing of a sample of ore across the vein yielded a four to one concentration with a contained metal value of the concentrate of $122.15 per ton representing 12.70% Copper ($95.93), 3.4 oz. of Silver ($4.30), 0.62 oz. of Gold, ($23.60).

The two million tons of indicated ore have a contained metal value of $50 million. Mining and processing are estimated to cost $5.00 per ton which would yield a net concentrate profit of $40 million prior to shipping and smelting charges. The inferred ore reserve might increase this $40 million as much as tenfold.

A 1000 ton per day operation could be easily and quickly established due to the simplicity of the mining and processing. At a mining and processing cost of $5.00 per ton or nominally $1,750,000. per year this operation would yield a net concentrate metal value of $7 million per year prior to shipping and smelting cost.

Two large smelters in the area advise that they would process the concentrate.

The Copper Stack Mine is a new development in the well proven Tiger Mining District of Yavapai County and is shown on Plate 22 of the U.S. Geological Services, Bulletin #722.

In the early 1900's operations in the area were extensive principally for gold and silver, however, copper properties were unexplored and unexplained.

Copper Stack is approximately 2 miles south of the old Crown King Mine.

GEOLOGY

The immediate and surrounding area of the claim is composed of a highly complex distribution of igneous, sedimentary and metamorphic rock formations.

The Western and Eastern contacts of the claims is composed of a gneissic granite with some inclusions by schist.

These massive granites were evidently formed by tertiary volcanic activity, and stand above the elongated length and width of the Yavapai schist.

The schist zone that strikes some 20° East of North is a sedimentary origin, and is composed of a variation of hornblende schist accompanied by siliceous lenses of quartzite, limestones, chlorite andalusite and magnetite of iron.

The metamorphic cycle of mineralization of these amphibolitic schists was evidently attributed to the late tertiary epoch during the intrusive activity of the quartz Diorites and associated quartz monzonites, rhyolites and andesites.

There is some evidence of the large crystals of the rhyolite porphyry included in sections of the schist which would account for the solidification process during the metamorphic cycle.

The thermal solutions associated with the quartz Diorite and related intrusives seem to have filled the fissures and voids in these schists of loose resistance and developed the mineral values in the rocks adjacent to the contacts.

This type of deposition has developed a series of vein and fissure filling in the massive schists that lie between the intrusives and produce large ore bodies with medium to milling grade ore values.

MINERALS

The minerals that compose the vein systems are classified as economic ores, and in this deposit the main values are gold, silver and copper and other metallic minerals that are not of themselves valuable, however, they do mechanically contain free gold and silver and are pyrite, sphalerite, magnetite and pyrrhotite.

The non-metallic gangue minerals that accompany the mineral producing areas were noted as Quartz, siderite, chalcedony, calcite, dolomite, chlorite and hornblende as well as some tourmaline species.

The secondary minerals which were formed in the surface and top mantle zones of weathering is the limonite, aurorgrite, hematite, pyrolusite, native copper, chrysocolla, malachite, azurite and variations of volcanic clay precipitants from the erosion and weathering of the igneous rocks.

Most of the veins and fissures follow the trend of the schist formations in northerly and southerly in these claims.

The dip of the veins and fissures conforms to the high angle dip of the schist which is in variations from 70 to 80 degrees on a west 10 degrees south structure.

Development of a face of ore across a 25 foot width of an outcrop of schist 200 feet above the lower road area shows the heavy carbonate and oxide from surface weathering and oxidation, however, at 10 feet depths the sulphide are taken over in 50% of

the values.

It is estimated from these indications and from cuttings from drill holes at another 40 feet depth, that 75% of the ore is sulphides in both copper and silver with gold in association in mechanical state, as well as in sulphide reaction.

HISTORY

The History of the Tiger Mining District was made a matter of record in the 1926 edition of the Jerome and Bradshaw Mountain Quadrangle Arizona, in the U. S. G. S. Bulletin 782 by Waldemar Lindgren.

MINING DEVELOPMENT
&
ORE PROCESSING

The ore body is positioned in a most advantageous manner so as to permit immediate large scale low-cost open face hillside mining.

The highly fractured and broken layer of metamorphosed sedimentary deposits comprising the host rock of the minerals is an 1800 ft. wide segment which is fully exposed from the valley to the 400 ft. crest of the hill and extends in a southerly direction for more than a mile. Based on a 800 foot wide vein with a 400 foot height from the valley to the crest of the hill and for a distance of 1000 feet along the crest the ore content of this section alone is indicated at over two million tons. From adjacent mines it is apparent that the mineral values extend to a depth of at least 500 feet below the valley and a length of at least 5000 feet which to give an inferred ore quantity of nominally twenty million tons.

Mining will quite probably be carried out on two levels of the open face of the hillside vein exposure.

Ore breakage will be by drilling blast holes in the face of the hillside blasting a large tonnage of mineral bearing rock from the open face.

The broken ore will be handled by dozers and front end loaders into 20 or 40 ton ore trucks for the short haul distance to the mill.

Ore processing will consist of crushing and grinding to a fineness most suitable for copper flotation and recovery of the gold and silver values. The flotation concentrate containing

essentially all of the mineral values in the ore is filtered to essential dryness and shipped by truck and rail to a nearby smelter.

Overall metal value recovery should be over 90% and the concentration ratio should approximate 20 to 1. Based on mining 1000 T/D of $25.00 ore there should be 50 tons per day of smelter concentrate produced with an overall all metal value of $22,500 per day. The net smelter value should be approximately $20,000 per day or $7,000,000. per year.

Mining and ore processing is estimated to cost $5.00 per ton.

ECONOMICS

Basis: 1000 tons per day Ore Production
Ore assay: 2.94% Copper; 0.033 oz. Gold/ton;
1.3 oz. Silver/ton
Ore: contained metal value $25.00/ton
$5.00/ton of ore mining and milling cost
20/1 Flotation concentration
80% overall realization on metal values from flotation and smelter

		Dollars per year
Income:	Smelter concentrate	
1000/T/D x $25.00/T x 0.80 Rec. x 350 D/Y =		$ 7,000,000
Expenses:	1000 T/D ore production	
1000 T/D x $5.00/T Mine & Mill x 350 D/Y =		1,750,000
Profit before depreciation, depletion and taxes - - - - - - - - - - - -		$5,250,000

Capital Cost

Mining facilities & equipment $500,000
Milling facilities & equipment 1,500,000

Total plant cost $ 2,000,000

(Working capital $500,000 additional)

Depreciation: Basis 10 years	200,000
	$ 5,050,000
Depletion: 15% of 7,000,000	1,050,000
Taxable income	$ 4,000,000
Income Tax 48%	$ 1,920,000
After tax income	$ 2,080,000
Depletion income	1,050,000
Net income per year	$ 3,130,000

CABLE ADDRESS: GREATAMIND, N. Y.

GREAT AMERICAN INDUSTRIES, INC.

62ND FLOOR, CHRYSLER BUILDING • NEW YORK 17, N. Y.

EXECUTIVE OFFICES

TELEPHONE YUKON 6-9550

6569

November
Seventh
1966

OFFICIAL COPY
O. E. E.
RECEIVED
NOV 9 1966
INITIALS | CODE
120 M
FJ 110
EP 120

Mr. Frank E. Johnson
Chief, Office of
Minerals Exploration
United States Department of
the Interior
Washington 25, D.C.

Dear Mr. Johnson:

Thank you for your nice letter of November 2nd.

The reason you have not heard from us is due to one of your requirements which is that we must not be able to arrange the financing any other place. This is not true, because of course we can.

Therefore, under the circumstances, we don't qualify to apply for your assistance, much as we would like to have it.

With kindest personal regards,

Sincerely,

Walter S. Mack
Chairman of the Board

WSM/d

Consider W Hill
(FE)

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
[illegible]	Peterson	120 P
11/2/66	Kirkemo	120
		110
11/2	[illegible]	220
		120 Tr

NOV 2 [redacted]

Mr. Walter S. Mack
President
Great American Minerals Corporation
62nd Floor, Chrysler Building
New York, New York 10017

Re: OME-6569 (Copper, Gold, and Silver)
Great American Minerals Corporation
Copper Stack Group of Claims
Yavapai County, Arizona

Dear Mr. Mack:

We have not heard from you since our conference in the Washington office on August 25, 1966.

Will you please advise us when we may expect to receive the necessary data so that we may continue processing your application. If you have decided not to pursue it further, please so inform us.

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
Region III

MMerrithew/mm (11/2/66)

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/30	Johnson	110
8/31	Nielsen	120K
		120K

August 30, 1966

Memorandum

To: The File

From: Edward C. Peterson EP

Subject: OME-6569 (Copper, Gold, and Silver)
Great American Minerals Corporation
Copper Stack Group of Claims
Yavapai County, Arizona
Meeting between Mr. Walter Mack,
and OME

On Thursday August 25, a meeting was held between Mr. Walter S. Mack President, Great American Minerals Corporation, and Frank Johnson and Edward Peterson of OME, to discuss the status of Mr. Mack's recent application for OME assistance. The meeting in Mr. Johnson's office had been requested by the Applicant in a letter to Johnson dated, August 22.

Mr. Mack was informed that additional information was required before the application could be processed further, and this information had been requested in a letter sent to him on August 23. He stated that the information would be forwarded to OME as soon as possible. The Applicant inquired as to how long the processing of the application would take and how soon could a contract, if approved, be signed. He stated his company was anxious to get started on the project as soon as possible. Mr. Mack was told that no definite time limit could be set, but upon receipt of the additional information the application would be processed as rapidly as possible.

The applicant displayed several color photographs that he had taken on a recent visit to the Company's property. Photos showed earth moving equipment apparently being used to construct an access road, and close-ups of copper mineralization in a face of a road cut along the access road. Two small copper-bearing ore samples taken from this same area were shown by Mack.

A copy of a letter from the Company's Consultant, Mr. Norman O'Leary to Mr. Mack, stated that two diamond drill holes have recently been completed on the property. Assay results were not available as yet except for a 10-foot segment of the first hole. The copy of the letter and assay results of this 10-foot portion were given to Mr. Johnson for OME use.

The meeting concluded with a short discussion on items of general interest involving the property and proposed work.

cc: Director's reading file
Division file
Economic Geology File
OME reading file
Mr. Peterson

E. Peterson/mm 8-30-66

23263

ME-6569

HAWLEY & HAWLEY
ASSAYERS AND CHEMISTS, INC.
1700 W. GRANT RD. • BOX 5934 • 622-4836
TUCSON, ARIZONA 85703

BRANCHES
DOUGLAS, ARIZONA
HAYDEN, ARIZONA
EL PASO, TEXAS
AMARILLO, TEXAS

IDENTIFICATION	GOLD OZS	SILVER OZS	LEAD %	COPPER %	~~XXXX~~ CuO %	MO. %	IRON %		
DDH-1 71-81	0.055	2.25		3.84	0.24				

CC: Mr. D. S. O'Leary
ADD: Box 1041
CITY: Wickenburg, Arizona
DD:
CITY:

REMARKS:

ANALYSIS CERT. BY P Rehard

Pick up 1.50
PREPARATION $ .75
ANALYSIS $ 11.00

ACC: D. S. O'LEARY

DATE SPL. RECEIVED 8/8/66 DATE COMPL 8/15/66 WIC 332063 $ 13.25

P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

August 18, 1966

Mr. Walter S. Mack, Chairman of the Board
Great American Industries, Inc.
Chrysler Building, 62nd Floor
New York, N. Y. 10017

Dear Mr. Mack:

Your check for $358.75 for my services and expenses during the latter part of July received in good order. I enclose my bill for the first half of August.

I also enclose a copy of the assay results of the best 10 feet of the first diamond drill hole, the interval from 71 to 81 feet, a zone which does not appear on the surface. These are very encouraging results, as you can see. As this was the best looking part of the drill hole, it was sent in for first. Tom took the remainder of the samples to Tucson personally so he could recover the rejects for mill testing. Results of these should be back soon. The second diamond drill hole has been completed, a 200 foot hole, and I sent in the samples today.

Very truly,

Dorman S. O'Leary

Dorman S. O'Leary

8/25/66
Delivered by Mr. Mack
to Robinson
FLJ

XERO COPY XERO COPY XERO COPY XERO COPY

P.O. BOX 1041

DORMAN S. O'LEARY
REGISTERED MINING ENGINEER
WICKENBURG, ARIZONA

MU 4-2287

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ASSAYERS AND CHEMISTS, INC.
1700 W. GRANT RD. • BOX 5934 • 622-4836
TUCSON, ARIZONA 85703

BRANCHES HAYDEN, EL PASO, AMARILLO

IDENTIFICATION	GOLD OZS	SILVER OZS	LEAD %	COPPER %	~~ZINC %~~ CuO %	MO. %	IRON %	
DDH-1 71-81	0.055	2.25		3.84	0.24			

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ADD: Box 1041
CITY: Wickenburg, Arizona
DD:
CITY:

REMARKS:

ANALYSIS CERT. BY P Richard

Pick up 1
PREPARATION $
ANALYSIS $ 1

D. S. O'LEARY | DATE RECEIVED 8/8/66 | DATE COMPL 8/15/66 | WITC 33320G3 | $ 1

CABLE ADDRESS: GREATAMIND, N. Y.

GREAT AMERICAN MINERALS CORPORATION

62ND FLOOR, CHRYSLER BUILDING • NEW YORK 17, N. Y.

EXECUTIVE OFFICES

TELEPHONE YUKON 6-9550

August 22, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
AUG 24 1966

INITIALS	CODE
	120
	110
ECP	120

Mr. Frank E. Johnson,
Chief, Office of Minerals Exploration
United States Department of the Interior
Washington 25, D. C.

Re: Docket No. OME-6569

Dear Mr. Johnson:

Thank you very much for your note of August 18th.

I was planning to be in Washington this Thursday, August 25th, and would drop in to see you at your office at 10:00 A. M., unless I hear from you to the contrary that this time will not be convenient.

Sincerely,

Walter S. Mack
President

WSM:ss

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/23	PETERSON	120
8/23	[illegible]	120
		110
8/23	Col	220
		120M

AUG 2 3 1985

Mr. Walter E. Mack
President
Great American Minerals Corporation
61nd Floor, Chrysler Building
New York, New York 10017

Re: OMM-6569 (Copper, Gold, and Silver)
Great American Minerals Corporation
Copper Stack Group of Claims
Yavapai County, Arizona

Dear Mr. Mack:

In order to continue the processing of the subject application, the following additional information is required.

Submit copies of your correspondence with a second bank requesting an exploration loan and its subsequent denial.

State how you propose to furnish your share of the cost of the proposed work.

To determine your eligibility for OMM assistance, a recent financial statement of the Great American Minerals Corporation is required. Also, state the interest that Great American Industries, Inc., has in the Applicant, and clarify the information contained in Forms 851 (blue sheets).

The five copies of the Lien and Subordination Agreements referred to in your application as being enclosed were not received. Lien and Subordination Agreements signed by Mary Bledsoe and Basin Mining Company are necessary. A copy of documents by which the Applicant acquired its interest in the property should also be submitted.

Furnish detailed estimates of the necessary costs for the proposed work. The costs should be itemized and not shown in over-all lump sums.

It would be most helpful in our evluation of the proposed work if you would supply us with the log for the drill hole put down on the property, including location, depth, inclination, and results. Any further geological data of the claim area that may be available would also be useful.

23263

Submittal of the additional information should not be construed as a commitment by the Government to grant an exploration contract.

Sincerely yours,

FRANK E. JOHNSON (gla)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Region III
OME Reading File
Mr. Peterson

EPeterson/gla 8-23-66

August 18, 1966

Mr. Walter S. Mack, President
Great American Minerals Corporation
62nd Floor, Chrysler Building
New York, New York 10017

Subject: OME-6569

Dear Mr. Mack:

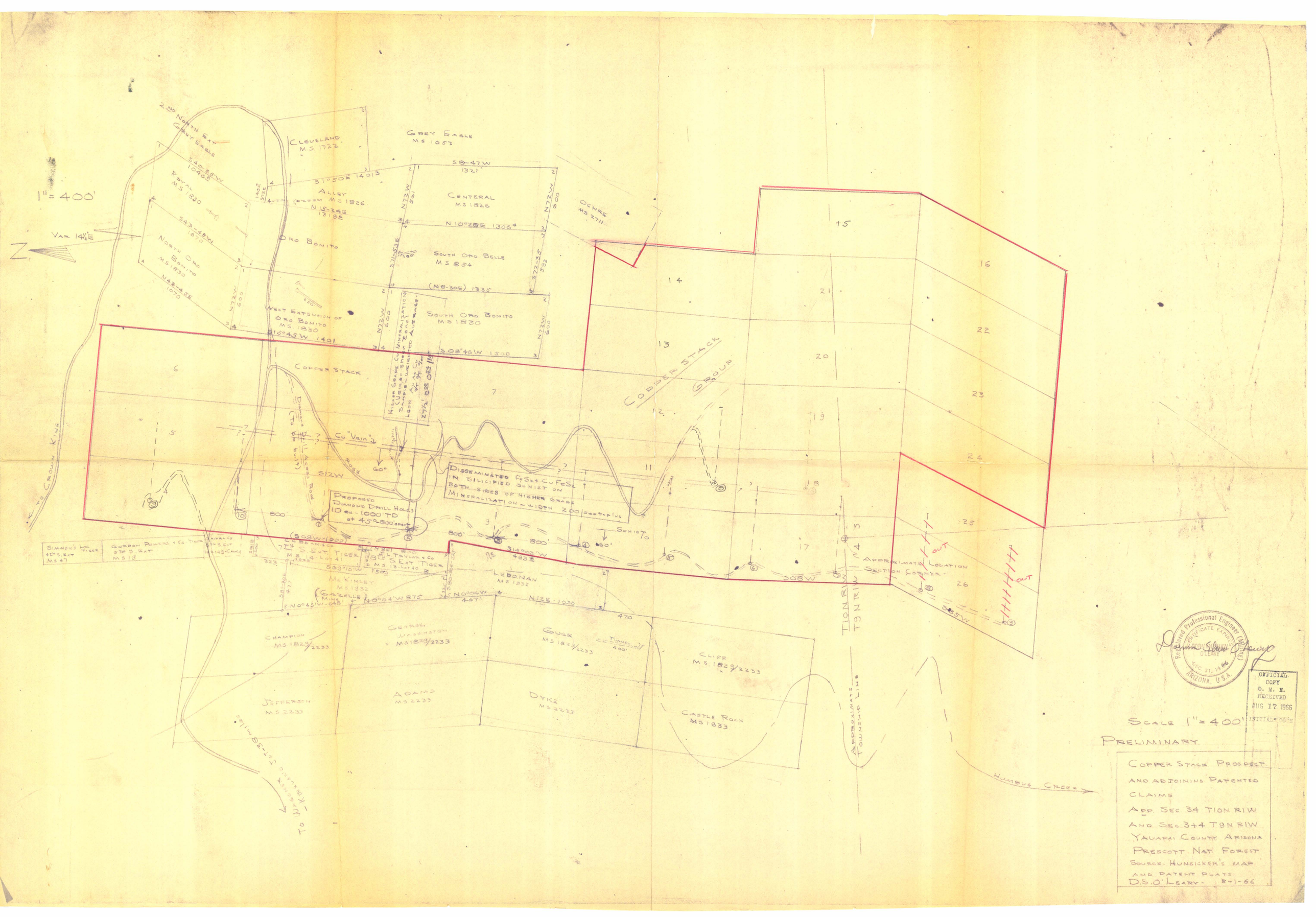
The application of Great American Minerals Corporation, dated August 15, 1966, has been received in this office and has been assigned Docket No. OME-6569. Please identify all future correspondence relating to this application by using this docket number.

Although it is not necessary to come to Washington to discuss the application, we shall be glad to discuss the matter with you at any time from 9 to 11 A.M. or 1 to 4 P.M. on Monday through Friday of the next two weeks.

Sincerely yours,

Frank E. Johnson,,
Chief, Office of
Minerals Exploration

Copy to Region III with copy
of application and all attachments

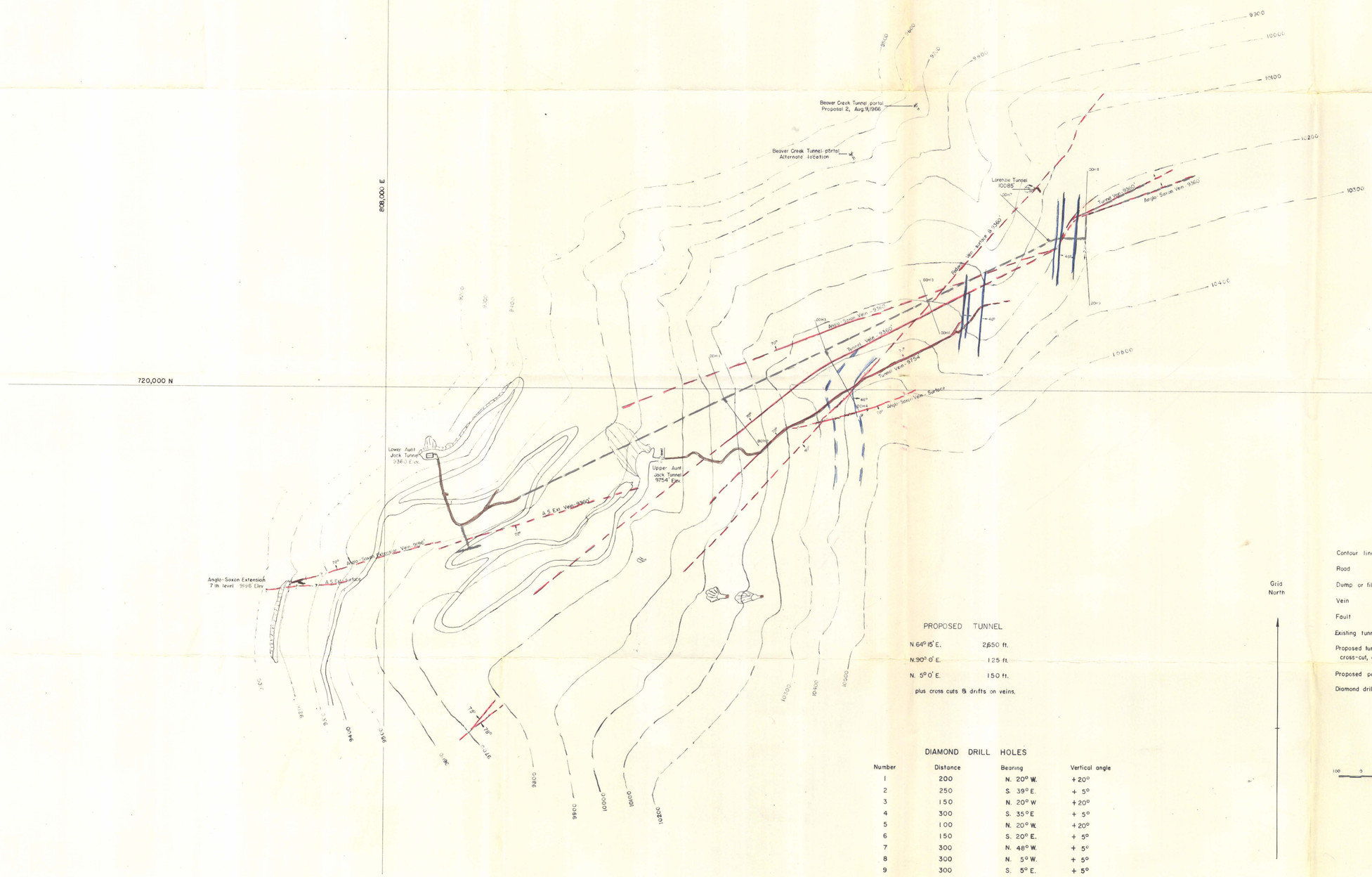


SCALE 1" = 400'

PRELIMINARY

COPPER STACK PROSPECT
AND ADJOINING PATENTED
CLAIMS
APP. SEC. 34 T10N R1W
AND SEC. 3+4 T9N R1W
YAVAPAI COUNTY ARIZONA
PRESCOTT NAT. FOREST
SOURCE - HUNSICKER'S MAP
AND PATENT PLATS
D.S. O'LEARY - 8-1-66

PLAN MAP of PROPOSED DEVELOPMENT
ANGLO-SAXON MINES, INC. PROPERTIES
CLEAR CREEK COUNTY, COLORADO
at 9360 feet elevation



PROPOSED TUNNEL

N.64° 15' E.	2,650 ft.
N.90° 0' E.	125 ft.
N. 5° 0' E.	150 ft.

plus cross cuts & drifts on veins.

DIAMOND DRILL HOLES

Number	Distance	Bearing	Vertical angle
1	200	N. 20° W.	+ 20°
2	250	S. 39° E.	+ 5°
3	150	N. 20° W	+ 20°
4	300	S. 35° E	+ 5°
5	100	N. 20° W.	+ 20°
6	150	S. 20° E.	+ 5°
7	300	N. 48° W.	+ 5°
8	300	N. 5° W.	+ 5°
9	300	S. 5° E.	+ 5°

LEGEND

Contour line
Road
Dump or fill
Vein
Fault
Existing tunnels
Proposed tunnel, cross-cut, or drift
Proposed portal site
Diamond drill hole — DDH. 2

SCALE

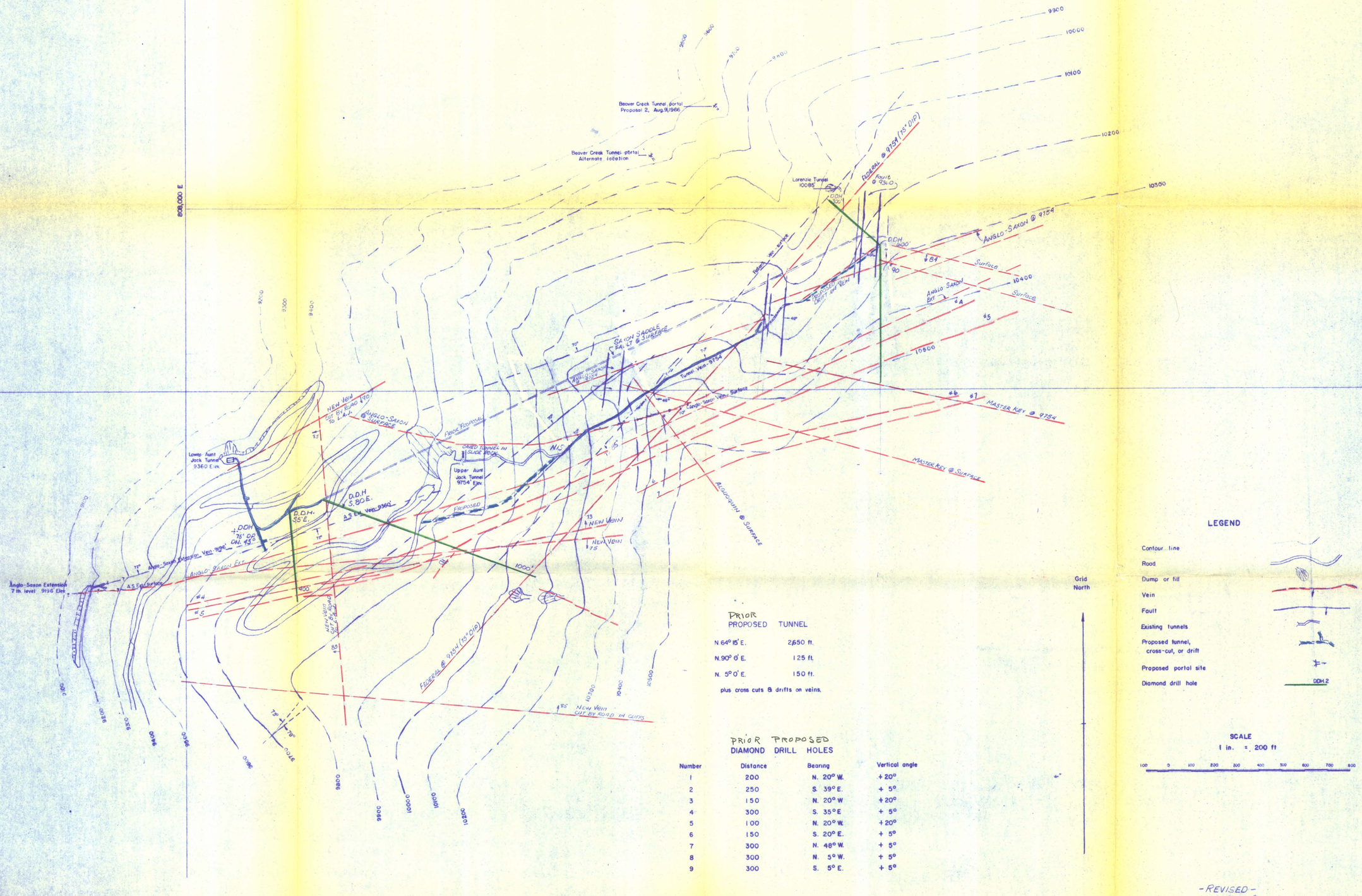
1 in. = 200 ft

100 0 100 200 300 400 500 600 700 800

Map No. 2

P.E. & L.S. Dec.14.1966

PLAN MAP of PROPOSED DEVELOPMENT
ANGLO-SAXON MINES, INC. PROPERTIES
CLEAR CREEK COUNTY, COLORADO
at 9360 feet elevation



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6	150	S. 20° E.	+ 5°
7	300	N. 48° W.	+ 5°
8	300	N. 5° W.	+ 5°
9	300	S. 5° E.	+ 5°

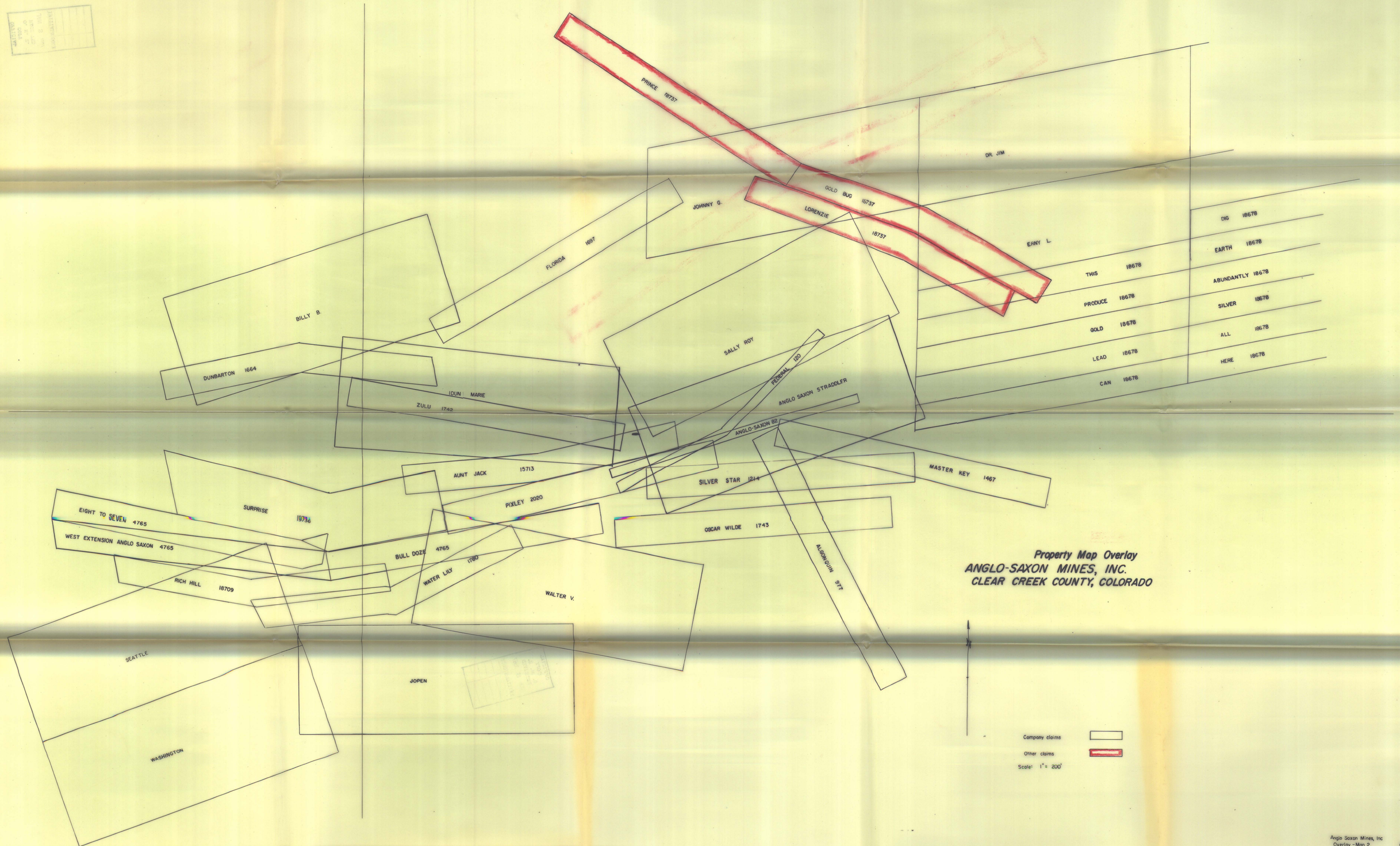
LEGEND

Contour line
Road
Dump or fill
Vein
Fault
Existing tunnels
Proposed tunnel, cross-cut, or drift
Proposed portal site
Diamond drill hole — DDH 2

SCALE
1 in. = 200 ft
100 0 100 200 300 400 500 600 700 800

-REVISED-
BERRY METAL Co.
DEC. 21, 1967

Map No 2
P.E. & L.S. Dec 14 1966



Anglo Saxon Mines, Inc
Overlay - Map 2